STENTOFON

PRODUCT CATALOG
THE AMERICAS

STENTOFON

STENTOFON began life in 1946 as Stentor Radiofabrikk, specializing in radio communication systems for ships and for fishing boats. Stentor later extended its range with intercom systems that it sold under the brand name STENTOFON. Today it is one of the most important brand names in Zenitel's portfolio bringing you the new generation of IP exchanges, called STENTOFON AlphaCom E. This new solution is an evolution into IP technology while maintaining full backwards compatibility for existing projects. STENTOFON AlphaCom E and the other solutions in the range open up new opportunities and markets, and confirm Zenitel's leading position in the security field.
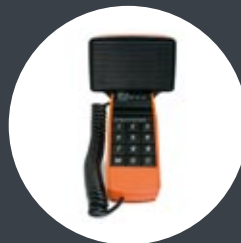
Over a century after it first began, one element has always remained strong through the company's history, its belief in one single principle - helping people to communicate when it is really necessary.

| 1952 | 1964 | 1975 | 2009 |

CCoIP®

Critical Communication over IP employs VoIP, but goes an important step further by adding new IP services and applications integrating security, quality and reliability capabilities required in critical situations. CCoIP includes the following features:

AUDIO TECHNOLOGY
- High-fidelity exchange 40 Hz – 18.5 kHz
- 1-BIT audio
- Wideband 200 Hz – 7 kHz (G.722)
- Telephony 3.4 kHz (G.711)
- Open duplex - acoustic echo cancellation
- Adaptive jitter buffers
- Adaptive time synchronization
- Volume override

ADVANCED FEATURES
- Call queuing, priority and time of arrival
- Mass notification - global group calls
- Radio conferencing - global conference calls
- Dual port Ethernet switch
- Remote control and networking - AlphaNet
- Scalable from 2 to 140,208

OPERATION
- Integrated web server
- Network supervision - detection and notification within seconds
- Centralized monitoring
- Centralized software maintenance
- Tone test and line monitoring

AUDIO OUTPUT - STATIONS
- 1.5 Watt audio output
- 85 dB audio pressure 1 m from speaker

INSTALLATION - STATIONS
- Remote automatic software upgrade
- Centralized provisioning
- DHCP and static IP
- Power over Ethernet

IT/IP SECURITY
- Integrated firewall
- Integrity check of software
- Network monitoring
- Secure link layer (encryption)

ALPHACOM E

ALPHACOM E IS THE MOST POWERFUL AND FLEXIBLE COMMUNICATION PLATFORM ON THE MARKET ENABLING YOUR SECURITY SYSTEM TO ACT IN THE MOST EFFECTIVE AND FASTEST POSSIBLE WAY DURING CRITICAL SITUATIONS

Exchange Capacity	552 intercom stations per exchange
Exchange Network	254 exchanges can be linked together
Traditional Stations	6 per line card
Analogue Telephones	12 telephones per line card
Busy Hour Call	60 000 BHCA
SIP	RFC 3261, SIP INFO, RE-Invite
IP Telephones	50 IP telephones supported by main processor card
VoIP Internal Networking	30 channels per main processor card, 50 routes
Digital Internal Networking	Two E1/T1 links per network card, with 32 channels internally; support for fractional E1
VoIP External Networking	30 channels supported by main processor card
Network	Up to 254 exchanges in an AlphaNet
ISDN Trunk	ISDN PRI (30 channels)
Analogue Trunk	FXO (4 & 8 channels)
GSM Trunk	Quad band GSM
Web Click to Call	Supported
Messaging	ESPA 4.4.4, SMTP (email), SMS
Monitoring and Logging	Printer, Syslog, Web, SNMP MIB, SNMP Trap, SMTP, SMS
Network Clock	NTP and SNTP
Ethernet	10/100 Mbps, auto-MDIX
Microsoft OPC	Supported
Service Creation	STENTOFON Event Handler, PHP, Microsoft.NET
Configuration	AlphaPro over IP, Web
SW Upgrade	Web, Automatic upgrade of IP station
Internal Audio Format	1-bit (18,5 kHz)
Traditional Stations	10 kHz audio
General Audio Interface	15 kHz audio
VoIP Audio	G.722 (7 kHz), G.711 (3.4 kHz)
Other	Custom ASCII (EDIO), STENTOFON Data

PLEASE SEE LAST PAGE FOR A COMPLETE
LIST OF STENTOFON ORDER NUMBERS

DESKTOP STATIONS

STENTOFON Desktop Stations are tailored for use in a security system where immediate response to security or emergency situations is vital.

The many features of these stations include call request, program distribution, paging, Group Calls, conference and alarm, and advanced call handling features such as call prioritization. Master stations come with programmable single touch keys that provide immediate access to other stations, Group Calls, Audio Monitoring, Public Address zones and Radio Channels.

Desktop Master Stations are available for connection via IP or by traditional means.

- VoIP Desktop Master Stations - Deliver critical communication over IP, providing instant, efficient secure voice and data services.
- Traditional Desktop Master Stations - Connect via standard two pair twisted telephone cable. Choose from a variety of wall and desktop stations. Powered by the exchange.

Direct Access Keys – DAK
Direct Access Keys provide single-touch access to stations, Group Calls, Audio Monitoring, Public Address zones, Radio Channels and/or the opening of doors and gates. There are 10 direct access keys on all desktop stations with the exception of the dual display station which may use up to 90 direct access keys.

IP DESKTOP STATIONS CCoIP®

- Made for STENTOFON Critical Communication over IP
- Connects directly to the IP network, no geographical limitations
- 85 dB audio pressure 1 meter from speaker
- Large high contrast display with backlight for excellent readability
- Ten freely programmable single-touch keys (DAK)
- Queuing of calls according to priority and time of arrival, 256 priority levels
- Superb audio technology
- Integrated Web server for easy configuration and monitoring
- Remote software upgrade, configuration and monitoring
- Station cable included

1008001000
IP DESK MASTER, DISPLAY AND HANDSET

Size (WxHxD): 8.8" x 2.9" x 6.9"   Weight: 1.5 lbs.

Related items: 1008091100 Wall bracket for IP Desktop, Requires IP station license

1008000000
IP DESK MASTER, DISPLAY

Size (WxHxD): 6.6" x 2.9" x 6.9"   Weight: 1.1 lbs.

Related items: 1008091100 Wall bracket for IP Desktop, Requires IP station license

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1007034210
DESK MASTER STATION, HANDSET

- Combined wall and desk master station with handset
- Ten freely programmable single-touch keys (DAK)
- Queuing of calls according to priority and time of arrival, 256 priority levels

Size (WxHxD): 8.8" x 2.9" x 6.9"   Weight: 1.5lbs.

Related items: 1000000612 MOS-80 Receptacle,
100000613 MOW-80 Receptacle

1007001210
DESK MASTER STATION, HANDSET

- Slimline station with handset
- Ten freely programmable single-touch keys (DAK)
- Queuing of calls according to priority and time of arrival, 256 priority levels

Size (WxHxD): 4.4" x 5.1" x 10.2"   Weight: 1.3 lbs.

Related items: 1000000612 MOS-80 Receptacle,
100000613 MOW-80 Receptacle

1007036210
DESK/WALL MASTER STATION

- Combined wall and desk master station
- Requires separately ordered station cable
- Ten freely programmable single-touch keys (DAK)
- Queuing of calls according to priority and time of arrival, 256 priority levels

Size (WxHxD): 6.6" x 2.9" x 6.9"   Weight: 1.1 lbs.

Related items: 1000000612 MOS-80 Receptacle,
100000613 MOW-80 Receptacle

1007034310
DESK/WALL MASTER STATION, DISPLAY AND HANDSET

- Combined wall and desk master station with display and handset
- Ten freely programmable single-touch keys (DAK)
- Queuing of calls according to priority and time of arrival, 256 priority levels

Size (WxHxD): 8.8" x 2.9" x 6.9" Weight: 1.5 lbs.

Related items: 1000000612 MOS-80 Receptacle, 100000613 MOW-80 Receptacle

1007001310
DESK MASTER STATION, DISPLAY AND HANDSET

- Slimline station with display and handset
- Ten freely programmable single-touch keys (DAK)
- Queuing of calls according to priority and time of arrival, 256 priority levels

Size (WxHxD): 4.4" x 5.1" x 10.2" Weight: 1.3 lbs.

Related items: 1000000612 MOS-80 Receptacle, 100000613 MOW-80 Receptacle

1007036310
DESK/WALL MASTER STATION, DISPLAY

- Combined wall and desk master station with display
- Ten freely programmable single-touch keys (DAK)
- Queuing of calls according to priority and time of arrival, 256 priority levels

Size (WxHxD): 6.6" x 2.9" x 6.9" Weight: 1.1 lbs.

Related items: 1000000612 MOS-80 Receptacle, 100000613 MOW-80 Receptacle

1007007000
DUAL DISPLAY STATION

- Desktop master station with optional gooseneck microphone module
- Up to 90 freely programmable direct access keys (DAK) on nine pages with information text for each key on the display
- Four navigation keys for quick access to system menus and directory entries
- Requires separately ordered station cable

Size (WxHxD): 2.8" x 5.5" x 10.6" Weight: .8 lbs.

Related items: 1007007GM Microphone for Dual Display station, 1000000612 MOS-80 Receptacle, 1000000613 MOW-80 Receptacle

10007007GM
MICROPHONE FOR DUAL DISPLAY STATION

- Gooseneck microphone module
- Ideal in noisy environments

Size (length): 12" Weight: .2 lbs.

Related items: 1007007000 Dual Display Station

1007072090
DESK/WALL MASTER STATION, DISPLAY AND HANDSET

- Combined wall and desk master station with display and handset
- Ten freely programmable single-touch keys (DAK)
- Queuing of calls according to priority and time of arrival, 256 priority levels

Size (WxHxD): 8.8" x 2.9" x 6.9" Weight: 1.5 lbs.

Related items: 1000000612 MOS-80 Receptacle,
100000613 MOW-80 Receptacle

1007070090
DESK MASTER STATION, DISPLAY AND HANDSET

- Slimline station with display and handset
- Ten freely programmable single-touch keys (DAK)
- Queuing of calls according to priority and time of arrival, 256 priority levels

Size (WxHxD): 4.4" x 5.1" x 10.2" Weight: 1.3 lbs.

Related items: 1000000612 MOS-80 Receptacle,
100000613 MOW-80 Receptacle

1007071090
DESK/WALL MASTER STATION, DISPLAY

- Combined wall and desk master station with display
- Ten freely programmable single-touch keys (DAK)
- Queuing of calls according to priority and time of arrival, 256 priority levels

Size (WxHxD): 6.6" x 2.9" x 6.9" Weight: 1.1 lbs.

Related items: 1000000612 MOS-80 Receptacle,
100000613 MOW-80 Receptacle

ACCESSORIES FOR DESKTOP STATIONS

1000000612
MOS-80 RECEPTACLE

- 8 pin modular, surface mount or inside wall box
- Included in purchase of traditional wall mount station

Weight: .1 lbs.

Related items: Traditional wall mount master stations

1000000613
MOW-80 RECEPTACLE

- 8 pin modular, flush mount in single gang electrical back box
- Station cable for traditional desktop station

Weight: .1 lbs.

Related items: Traditional desk top master stations

1000000610
STATION CORD

- 8 pin modular both ends, 9ft
- Included in purchase of traditional desk station

Weight: .2 lbs.

Related items: Traditional Desktop Master Stations

1000000611
STATION CORD

- 8 pin modular both ends, 18 inches
- Included in purchase of traditional wall mount station

Weight: .05 lbs.

1008091100
WALL BRACKET FOR IP DESKTOP

- Used for wall mounting of IP Desktop Stations

Size (WxHxD): 4.3" x 3.6" x 1.8" Weight: .4 lbs.

Related items: IP Desktop Stations

CONTROL CENTER SOLUTIONS

STENTOFON Control Room Solutions connect the control room with voice and audio. The control room benefits from access to the telephone, Public Address and radio systems as well as intercoms at doors, gates, and emergency points. The stations feature advanced call queuing with priority, making it easy for the operator to act fast and efficiently respond to alarms and events. With a large high contrast display with backlight these stations offer excellent readability.

Remote control and networking

The STENTOFON AlphaNet CCoIP technology allows each control room to support many sites and devices. Up to 254 AlphaCom E exchanges and thousands of intercoms can be connected to the control room over the IP network. This means that from a single security post, CCTV cameras, PA, barriers and door locks in a number of remote sites can be controlled with the push of a button.

Advanced call handling

To handle environments with high call volumes, the solution supports parallel handling of call queues where multiple operators work on the same call queue. In addition the calls can be escalated or transferred from the local control room to a central control room if the operator is busy or absent during the night time.

The Control Room IV station can be equipped with a direct access key (DAK) module. The DAK module provides single touch access to stations, groups, Public Address zones, radio groups, and remote control of doors and gates. Each key on the DAK module has a red and a green LED to show status.

Security Integration

Tracking, controlling and responding to events are accomplished more efficiently when all data generated is interfaced and controlled from a single point. The AlphaCom E system offers centralized control over an entire security system through control room stations, PC based control handler software and interfacing to third management systems.

AlphaCom E seamlessly integrates with a range of systems such as CCTV, IP and PBX telephony, radios, DECT telephones, Public Address and access control. Through this integration, the AlphaCom E functions not only as an independent communication system but as an integrated part of the control center.

The control that the STENTOFON AlphaCom E offers to security systems will automatically reduce vulnerability to incidents and improve response time.

The CCoIP technology provides superb audio quality (7 kHz) as well as global conferencing and group call capabilities allowing the control room to connect to remote PA and radio systems.

1008031000
IP FLUSH MASTER, DISPLAY `CCoIP`

- Made for STENTOFON Critical Communication over IP
- Connects directly to the IP network, no geographical limitations
- Large high contrast display with backlight for excellent readability
- White light behind all keys
- Four freely programmable single-touch keys (DAK)
- Superb audio technology
- Optional handset unit
- Remote upgrade, configuration and monitoring

Size (WxHxD): 4.9" x 11.0" x 1.1" Weight: 1.3 lbs.

Related items: 1008097500 Gooseneck Microphone, 1008097100 Handset, 1008098700 Flush Mount Back Box, 1009648001 License to use as CRM V, Requires IP station license

1009648001
LICENSE TO USE AS CRM V

- License needed to set the IP Station in control room mode for handling of long call queues

1008097500
GOOSENECK MICROPHONE

- Noise cancelling gooseneck microphone for IP Flush Master
- Ideal for Public Address applications and control center

Size (LENGTH): 11.8" Weight: .1 lbs.

Related items: 1008031000 IP Flush Master, display

1008097100
HANDSET

- Handset module for IP Flush Master

Size (WxHxD): 2.6" x 11.0" x 1.6" Weight: .6 lbs.

Related items: 1008031000 IP Flush Master, display

1007006101
CONTROL ROOM MASTER IV

- Includes 4 x 20 character alphanumeric LCD display with backlight
- 4 programmable single-touch keys (DAK) with 2 independent programmable LED's each, full dialling keypad, programmable buzzer, 1W speaker and gooseneck microphone
- Station can be mounted in desktop housing or flush
- Queuing of calls according to priority and time of arrival, 256 priority levels
- Requires 12 V DC power supply (source locally)

Size (WxHxD): 4.9" x 11.0" x .9" Weight: 1.6 lbs.

Related items: 1007006110 DAK-48 Unit, 1007006190 Handset Unit, 1007006180 Single Back Box, 1007006181 Double Backbox, 1007006182 Two Housing Mounting Kit

1007006110
DAK-48 UNIT

- 48 single touch keys with 2 independent programmable LED's each
- The touch keys has push-to-talk function and programmable function on key release
- Maximum 2 DAK-48 Units per CRM IV station

Size (WxHxD): 4.9" x 11.0" x 1.1" Weight: .8 lbs.

Related items: 1007006101 Control room master IV, 1007006180 Single backbox, 1007006181 Double backbox, 1007006182 Two housing mounting kit

1007006190
HANDSET UNIT

- Handset module for Control Room Master IV
- With push-to-talk function

Size (WxHxD): 4.9 x 11.0 x 1.1" Weight: .9 lbs.

Related items: 1007006101 Control Room Master IV, 1007006180 Single Backbox, 1007006181 Double Backbox, 1007006182 Two Housing Mounting Kit

1000705300

CRM RACK MOUNT MASTER STATION

- Compact rack console with single touch keys
- Handset and 4x20 character display with backlight
- Call-in annunciation with full display - 256 priority levels
- Queuing of calls according to priority and time of arrival

Size (WxHxD): 5 1/4" x 2 1/2" x 19" Weight: 4.1 lbs.

Related items: 1000111900 Power Supply, 1000924950 Handset, 1000000613 MOW 80 Receptacle

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1000705301

CRM DESK MASTER STATION

- Compact desk console, single touch keys
- Hand-set and 4x20 character display with backlight
- Call-in annunciation with full display information and 256 priority levels
- Queuing of calls according to priority and arrival time

Size (WxHxD): 14" x 3" x 7" Weight: 4.85 lbs.

Related items: 1000111900 Power Supply, 1000924970 Handset, 1000000613 MOW 80 Receptacle

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1000924950

HANDSET

- Handset kit for 7053 Rack Master
- Modular Connector for Easy Installation
- Includes PTT Button
- Coiled Cord 5 ft.

Size (WxHxD): 2 ¼" x 8" x 2 ¼ Weight: 1.5 lbs.

Related items: 1000705300 CRM Rack Mount Master Station

1000924970

HANDSET

- Handset kit for 7053 Desk Master
- Modular Connector for Easy Installation
- Includes PTT Button
- Coiled Cord 5 ft. Audio Surveillance Monitoring

Size (WxHxD): 2" x 8" x 1 5/8" Weight: 1.5 lbs.

Related items: 1000705301 CRM Desk Master Station

CONTROL CENTER SOFTWARE

System Management based on standard integration with OPC and Microsoft.NET with easy and fast integration. The OPC license runs on the Alphacom E exchange, and the server software can be downloaded from STENTOFON extranet.			
1009649901	OPC interface supporting 40 stations	**1009649902**	OPC interface supporting 80 stations
1009649903	OPC interface supporting 160 stations	**1009649904**	OPC interface supporting 240 stations
1009649905	OPC interface supporting 320 stations	**1009649906**	OPC interface supporting 400 stations
1009649907	OPC interface supporting 552 stations		

ACCESSORIES FOR CONTROL CENTER SOLUTIONS

1008098700
FLUSH MOUNT BACK BOX

- Flush mount back box for IP Flush Master Stations

Size (WxHxD): 4.5" x 10.6" x 1.5" Weight: 1.1 lbs.

Related items: 1008031000 IP Flush Master

1007006180
SINGLE BACK BOX

- Single desktop box with front inclined angle

Size (WxHxD): 5.3" x 12.5" x 2.9"   Weight: 2.7 lbs.

Related items: 1007006101 Control Room Master IV, 1007006110 DAK-48 Unit, 1007006190 Handset Unit

1007006181
DOUBLE BACK BOX

- Double desktop box with front inclined angle

Size (WxHxD): 10.4" x 12.5" x 2.9" Weight: 3.8 lbs.

Related items: 1007006101 Control Room Master IV, 1007006110 DAK-48 Unit, 1007006190 Handset Unit

1007006182
TWO HOUSING MOUNTING KIT

- For mounting of single+double or double+double desktop houses

Size (WxH): 9.4" x 9.4" Weight: .6 lbs.

Related items: 1007006101 Control Room Master IV, 1007006110 DAK-48 Unit, 1007006190 Handset Unit

WALLMOUNT STATIONS

These loud-speaking, hands-free stations are designed for both flush and surface mounting and are ideal for use in airports, hospitals, secure buildings, prisons and correctional facilities. Wallmount Stations (IP and traditional) come with a variety of features and functions to fit all security requirements. IP versions offer all the benefits of IP with remote software upgrade, configuration and monitoring and no geographical limitations.

To provide maximum availability the stations come with advanced supervision functions. The station line test will detect if there are any faults in the cable, network or station electronics. In addition, stations support tone test, testing the complete transmission path including microphone and speaker.

The status of the stations is reported to STENTOFON AlphaWeb as well as to 3rd party management systems using SNMP, syslog or Microsoft OPC.

OR (Operating Room) Master Stations
OR Master Stations are specifically for hospital operating rooms and other clean rooms. The stations come with a wipe-down Mylar coating for easy sterilization. To meet the demanding needs of these environments, stations provide clear, loud-speaking, hands-free communication from any location in the room.

1008015000
IP OR MASTER, DISPLAY [CCoIP]

- Made for STENTOFON Critical Communication over IP
- Connects directly to the IP network, no geographical limitations
- Large high contrast display with backlight for excellent readability
- Flat chemical resistant and anti-bacterial front surface for easy cleaning
- Four freely programmable single-touch keys (DAK)
- Superb audio technology – possible to talk and listen at a distance (5m)
- Integrated web server for easy configuration and monitoring
- Remote automatic software update

Size (WxHxD): 4.9" x 11.0" x 1.1"   Weight: 1.3 lbs.

Related items: 1008098700 Flush Mount Back Box, Requires IP station license

1007036600
OR MASTER, DISPLAY

- Flat chemical resistant and anti-bacterial front surface for easy cleaning
- Four freely programmable single-touch keys
- Display with backlight

Size (WxHxD): 4.9" x 11.0" x 2.5"   Weight: 1.5 lbs.

Related items: Requires 1000602000 Flush or 1000603000 Surface Back Box

1008031000
IP FLUSH MASTER, DISPLAY [CCoIP]

- Made for STENTOFON Critical Communication over IP
- Connects directly to the IP network, no geographical limitations
- Large high contrast display with backlight for excellent readability
- White light behind all keys
- Four freely programmable single-touch keys (DAK)
- Superb audio technology
- Optional handset and gooseneck unit
- Remote upgrade, configuration and monitoring

Size (WxHxD): 4.9" x 11.0" x 1.1"   Weight: 1.3 lbs.

Related items: 1008097500 Gooseneck Microphone, 1008097100 Handset, 1008098700 Flush Mount Back Box, Requires IP station license

1007043000
WALL MASTER STATION, DISPLAY AND GOOSENECK

- Eight freely programmable single-touch keys (DAK)
- For locations where the use of desktop stations is impractical
- Ideal for Public Address applications

Size (WxHxD): 4.9" x 11.0" x 2.0" Weight: 1.7 lbs.

Related items: Requires 1000602000 Flush 1000603000 Surface Back Box, 1000603100 Surface Back Box

1007040000
WALL MASTER STATION, STANDARD

- For locations where the use of desktop stations is impractical

Size (WxHxD): 4.9" x 11.0" x 2.0" Weight: 1.3 lbs.

Related items: Requires 1000602000 Flush 1000603000 Surface Back Box, 1000603100 Surface Back Box

10070450US
WALL MASTER

- Fully equipped master station with free access to all extensions and features
- Rugged front plate of anodized brushed aluminum
- Private/open switch
- Red "microphone live" lamp

Size (WxHxD): 4.9" x 10.9" x 2.1" Weight: 2.5 lbs.

Related items: 1000602000 Flush Back Box, 1000603100 Surface Back Box, 1000603000 Surface Back Box

1000603660
OPERATING ROOM MASTER STATION

- Hygienic Mylar Covered Faceplate
- Easily Cleaned and Sterilized
- Crystal-Clear Communication
- "Duplex" Hands-Free Intercom

Size (WxHxD): 4 15/16" x 11" x 1 ½" Weight: 1.4 lbs.

Related items: 1000602000 Flush Back Box, 1000603100 Surface Back Box, 1000603000 Surface Back Box

1007042000
WALL MASTER STATION, DISPLAY

- Eight freely programmable single-touch keys (DAK)
- For locations where the use of desktop stations is impractical

Size (WxHxD): 4.9" x 11.0" x 2.0" Weight: 1.7 lbs.

Related items: Requires 1000602000 Flush 1000603000 Surface Back Box, 1000603100 Surface Back Box

1007046000
WALL SUBSTATION

- One large call button for instant contact with a freely programmable extension number
- **Available until stock is depleted**

Size (WxHxD): 4.9" x 11.0" x 2.0" Weight: 1.3 lbs.

Related items: Requires 1000602000 Flush or 100603000 Surface Back Box

1000106400
ELEVATOR SUBSTATION

- Hi-fidelity loudspeaker
- Ultra-sensitive electret microphone
- Built-in electronic preamp

Size (WxHxD): 4" x 8" x 1.9" Weight: 1.3 lbs.

Related items: 1009101010 ASLT Board
AlphaCom connection material required (dependant on AlphaCom exchange used).

ACCESSORIES FOR WALL MOUNT STATIONS

1008098700
FLUSH MOUNT BACK BOX

- Flush mount back box for IP Flush Master Stations inclusive IP OR Master Station

Size (WxHxD): 4.5" x 10.6" x 1.5" Weight: 1.1 lbs.

Related items: 1008015000 IP OR Master, 1008031000 IP Flush Master

1000602000
BACK BOX, FLUSH

- For in-wall mounting of OR Master and Wall Master Stations

Size (WxHxD): 4.6" x 10.3" x 2.4" Weight: 1.1 lbs.

Related items: 1007036600 OR Master Display, Traditional Wallmaster Stations

1000603000
BACK BOX, SURFACE

- For on-wall mounting of OR Master and Wall Master Stations

Size (WxHxD): 5.3" x 11.1" x 2.5" Weight: 1.1 lbs.

Related items: 1007036600 OR Master Display, Traditional Wallmaster Stations

1000602800
FRONT PANEL

- Used to enclose backboxes

Size (WxHxD): 4.9" x 10.9" x .07" Weight: .2 lbs.

Related items: 1000602000 Back Box Flush, 100603000 Back Box Surface

1000603100
SURFACE BACK BOX

- For Wall Mount Stations

Size (WxHxD): 5" W x 11" x 2 ½" Weight: 1.9 lbs.

Related items: 1007036600 OR Master Display, Traditional Wallmaster Stations

TAMPER AND VANDAL RESISTANT SUBSTATIONS

STENTOFON Tamper and Vandal Resistant Substations are tough, durable and resilient. They are ideal for use in the harshest environments and are typically used as a communication, information or emergency point.

IP Station Highlights:

- Provides two-way, hands-free IP communication
- High power lamp/strobe flashes when activated for emergencies
- Connection to external IP video camera
- Superb wide band audio quality
- Remote software upgrade, configuration and monitoring
- Tamper alarm for additional system security

Traditional/Hardware Highlights:

- Provides two-way communication for systems that utilize traditional hard wire solutions
- Line monitoring
- Superb audio quality

To provide maximum availability the station comes with advanced supervision functions. The station line test will detect if there are any faults in the cable, network or station electronics. In addition the stations support tone test, testing the complete transmission path including microphone and speaker.

The status of the stations is reported to STENTOFON AlphaWeb as well as to 3rd party management systems using SNMP, Syslog or Microsoft OPC.

1008041100
IP VANDAL RESISTANT SUBSTATION CCoIP®

- Made for STENTOFON Critical Communication over IP
- Connects directly to the IP network, no geographical limitation
- Dual Ethernet ports for connection of other IP device
- Possible connection to external IP video camera
- One relay output for door lock control or flash strobe light, etc.
- Remote software upgrade, configuration and monitoring
- Stainless steel front (A304)

Size (WxHxD): 3.6" x 7.0" x 2.1"   Weight: 1.7 lbs.

Related items: 1008098100 Flush Mount Back Box, 1008098000 On Wall Mount Back Box, Requires IP station license

1007056100
VANDAL RESISTANT SUBSTATION

- Advanced supervision functions
- Can be placed up to 4km (13,120 ft.) from AlphaCom E exchange without local source power
- Superb audio quality (10kHz)
- Stainless steel front (A304)

Size (WxHxD): 3.6" x 7.0" x 2.1" Weight: 1.7 lbs.

Related items: 1008098100 Flush Mount Back Box, 1008098000 On Wall Mount Back Box

1008051000
IP VANDAL RESISTANT SUBSTATION, 3 GANG BACKBOX CCoIP®

- Made for STENTOFON Critical Communication over IP
- Connects directly to the IP network, no geographical limitation
- Dual Ethernet ports for connection of other IP device
- Possible connection to external IP video camera
- One relay output for door lock control or flash strobe light, etc.
- Remote software upgrade, configuration and monitoring
- Stainless steel front (A304)

Size (WxHxD): 4.4" x 6.2" x 2.4" Weight: 1.7 lbs.

Related items: Requires IP station license and 3-gang electrical back box with a depth of 2.5" by others.

VANDAL RESISTANT SUBSTATIONS

1070601010
TAMPER RESISTANT SUBSTATION

- Extremely rugged metal front plate of anodized, brushed aluminium, 6 mm
- Can be placed up to 4 km (13,120 ft.) from AlphaCom E exchange without local source power
- Superb audio quality (10kHz)

Size (WxHxD): 7.4" x 5.5" x 2.5" Weight: 2.3 lbs.

Related items: Requires 1000629700 Flush or 1000629800 Surface Backbox

1070601020
TAMPER RESISTANT SUBSTATION

- Extremely rugged metal front plate of anodized, brushed aluminium, 6 mm
- Can be placed up to 4 km (13,120 ft.) from AlphaCom E exchange without local source power
- Superb audio quality (10kHz)

Size (WxHxD): 7.4" x 5.5" x 2.5" Weight: 2.3 lbs.

Related items: Requires 1000629700 Flush or 1000629800 Surface Backbox

10006294SMD
SUBSTATION

- Rugged Stainless Steel Faceplate
- No-Penetration Speaker Grill
- Microphone with a Preamplifier
- Nickel Plated Brass Call Button
- Conformal Coated PCB

Size (WxHxD): 6 1/4" x 4 1/2" x 2 1/2" Weight: 2 lbs.

Related items: Requires 3-Gang electrical back box with depth of 2.5" provided by others

100062942SMD
SUBSTATION

- Rugged Stainless Steel Faceplate
- No-Penetration Speaker Grill
- Microphone with a Preamplifier
- Nickel Plated Brass Call Buttons
- Conformal Coated PCB

Size (WxHxD): 6 1/4" x 4 1/2" x 2 1/2" Weight: 2 lbs.

Related items: Requires 3-Gang electrical back box with depth of 2.5" provided by others

10006292SMD
SUBSTATION

- Large Red "Mushroom" Button
- Rugged .25" Machined Metal
- No-Penetration Speaker Grill
- Clear, Crisp Sound Quality

Size (WxHxD): 7.5" x 5.5" x 2.5" Weight: 2 lbs.

Related items: 1000629910 Back Box, 1000629950 Rain Hood

100062922SMD
SUBSTATION

- Unique Speaker Grille
- In-Use LED
- Dual Call Buttons
- Transient Protection Built-In

Size (WxHxD): 7.5" x 5.5" x 2.5" Weight: 2 lbs.

Related items: 1000629910 Back Box, 1000629950 Rain Hood

100629267SMD
EMERGENCY SUBSTATION

- Large Red "Mushroom" Button
- Rugged .25" Machined Metal
- No-Penetration Speaker Grill
- Clear, Crisp Sound Quality

Size (WxHxD): 8 1/2" x 11 3/4" x 3" Weight: 4 lbs.

Related items: 1000104100 Back Box, 1000104200 Hooded Back Box, Emergency Stanchions and Wall Units

1006292792MS
SUBSTATION

- Instant contact
- Large Red mushroom button
- Rugged .25" machined metal
- No-penetration speaker grill

Size (WxHxD): 8 1/2" x 11 3/4" x 3" Weight: 4 lbs.

Related items: 1000104100 Back Box, 1000104200 Hooded Back Box, Emergency Stanchions and Wall Units

10006291SMD
SUBSTATION

- Epoxy Bonded Call-Connect LED
- Fits Standard (2) Gang Deep Back Box
- RM version has Red Mushroom Call Button
- Conformal Coated Board

Size (WxHxD): 4 1/2" x 4 1/2" x 2 1/2" Weight: 1.5 lbs.

Related items: Requires 2-Gang electrical back box with depth of 2.5" provided by others

100062941IP
IP SUBSTATION

- Superb audio quality through wide bandwidth codec and high quality output power amplifier
- Integrated Web server
- Remote software upgrade, configuration & monitoring
- Line monitoring

Size (WxHxD): 6 1/4" x 4 1/2" x 2 1/2" Weight: 2 lbs.

Related items: Requires 3-Gang electrical back box with depth of 2.5" provided by others

100062927IP
IP SUBSTATION

- One call button
- Superb audio quality through wide bandwidth codec high quality output power amplifier
- Integrated Web server
- Remote software upgrade, configuration & monitoring

Size (WxHxD): 7.5" x 5.5" x 2.5"   Weight: 2 lbs.

Related items: 1000629910 Cast WP Back Box, 1000629950 Rain Hood

1000629279IP
IP SUBSTATION

- One or two call buttons
- Superb audio quality through wide bandwidth codec and high quality output power amplifier
- Integrated Web server
- Remote software upgrade, configuration & monitoring

Size (WxHxD): 8 1/2" x 11 3/4" x 3"   Weight: 4 lbs.

Related items: 1000104100 Back box, 1000104200 Hooded Back box, Emergency Stanchions and Wall Units

ACCESSORIES FOR VANDAL RESISTANT SUBSTATIONS

1008098100
FLUSH MOUNT BACK BOX

- Flush Mount Back Box for Vandal Resistant Substation, IP and Traditional

Size (WxHxD): 3.1" x 6.6" x 1.9"   Weight: 1.7 lbs.

Related items: 1008041100 IP Vandal Resistant Substation, 1007056100 Vandal Resistant Substation

1008098001
ON WALL MOUNT BACK BOX

- On-wall Mount Back Box for Vandal Resistant Substation, Traditional only

Size (WxHxD): 3.6" x 7.0" x 1.1"   Weight: .8 lbs.

Related items: 1007056100 Vandal Resistant Substation

1008098000
ON WALL MOUNT BACK BOX

- On wall Mount Back Box for Vandal Resistant Substation, IP and Traditional

Size (WxHxD): 3.6" x 7.0" x 2.0"   Weight: 1.7 lbs.

Related items: 1008041100 IP Vandal Resistant Substation, 1007056100 Vandal Resistant Substation

1000629910
BACK BOX

- For tamper resistant substations
- Cast aluminum

Size (WxHxD): 7 3/4" x 5 3/4" x 2 3/4"   Weight: 4.1 lbs.

Related items: 10006292SMD Substation, 100062927DP Substation, 100062922SMD Substation

1000629700
FLUSH BACK BOX

- For tamper resistant substations
- #20 gauge steel

Size (WxHxD): 6 7/8" x 4 7/8" x 3"   Weight: 1.7 lbs.

Related items: 10006292SMD Substation, 100062927IP Substation, 100062922SMD Substation, 1070601010 Tamper Resistant Substation, 1070601020 Tamper Resistant Substation

1000629800
SURFACE BACK BOX

- For tamper resistant substations
- #180 gauge steel

Size (WxHxD): 7 3/4" x 5 3/4" x 1/8"   Weight: 2.3 lbs.

Related items: 10006292SMD Substation, 100062927IP Substation, 100062922SMD Substation, 1070601010 Tamper Resistant Substation, 1070601020 Tamper Resistant Substation

1000104100
BACK BOX

- For tamper resistant substations
- Provides extra protection to station panel
- Grey in color

Size (WxHxD): 8.75" x 11.9" x 3.5" Weight: 7.3 lbs.

Related items: 1000629267SMD Substation, 10006292792MS Substation, 1000629279IP Substation

1000629950
RAIN HOOD

- Protects station from additional moisture
- High visibility yellow

Size (WxHxD): 8" x 5 ¾" x 4" Weight: 1.1 lbs.

Related items: 10006292SMD Substation, 100062927IP Substation, 100062922 Substation

1000103200
STROBE BRACKET

- Powder coated steel bracket holds 1038 and 1048 strobe lights
- Bracket mounts on a standard two-gang box

Size (WxH): 6 1/4" x 6 5/6" Weight: 2 lbs.

Related items: 1000103800 Lamp Strobe, 1000104800 Lamp Strobe

1000103300
STROBE BRACKET

- Powder coated steel bracket holds 1039 strobe light
- Bracket mounts on a standard two-gang box

Size (WxH): 6 1/14" x 6 5/6" Weight: 2 lbs.

Related items: 1000103900 lamp/strobe

1000104200
BACK BOX

- For tamper resistant substations
- Provides extra protection to station panel
- Yellow in color

Size (WxHxD): 8.75" x 11.9" x 3.5" Weight: 7.3 lbs.

Related items: 1000629267SMD Substation, 10006292792MS Substation, 1000629279IP Substation

1000968902
RELAY BOARD

- Provides dry relay contact for lamp/strobes
- Conformal coated for outdoor use
- Powered by 12/24 VAC/VDC

Size (WxHxD): 2 ¾" x 3/8" x 2 ¾" Weight: .1 lbs.

Related items:

1000103800
LAMP/STROBE

- Combination strobe and fluorescent indicator light
- Weather tight and vandal resistant polycarbonate dome
- Operates on 12 VDC

1000104800
LAMP/STROBE

- Combination strobe and fluorescent indicator light
- Weather tight and vandal resistant polycarbonate dome
- Operates on 24 VDC

Size (WxH): 5.53" x 5.125" Weight: 2.5 lbs.
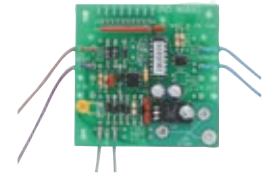
Related items: 1000103200 strobe bracket

1000103900
LAMP/STROBE

- Combination strobe and fluorescent indicator light
- Weather tight and vandal resistant polycarbonate dome
- Operates on 120 VDC

Size (WxH): 5.53" x 5.125" Weight: 2.5 lbs.

Related items: 1000103300 strobe bracket

PRISON AND
CORRECTIONAL STATIONS

STENTOFON

The primary purpose of an effective prison communication system is to assist in protecting life, property, and aid in facilitating safe and secure movement of staff, visitors and prisoners. Tamper Resistant and Vandal Proof Stations are ideal to use in high security areas including prison cells, day and work rooms. Weather resistant stations are designed for parking areas and exterior doors and gates.

- Audio monitoring and sound detection offers safety of employees, visitors and inmates
- Vandal and tamper resistant cell stations
- Light signalling system acts as visual aid
- Music distribution is calming
- Scream alarm for prison/guard security
- Secure and safe way to control door and gate locks

1007061000

TAMPER AND VANDAL PROOF STATION

- One call button with confirmation light
- Designed for prisons and correctional facilities
- Tamper and scream alarm, guard presence mode and several I/Os for adaptation to local needs
- Vandal proof design with 2.5 mm steel front, sensor button and microphone/speaker protection
- Integrated light signalling system
- Redundant backup for power and signalling

Size (WxHxD): 5.0" x 10.3" x 2.0"   Weight: 2.0 lbs.

Related items: 890070737601 Back Box with anchors - Flush Mount, 1007060150 Back Box - Wall Mount, 1007060130 Corridor lamp, 1007060120 Remote call button

1007063000

TAMPER AND VANDAL PROOF STATION

- 5 buttons and one numerical display, light control and call with confirmation light, program selection, program selection display, volume control
- Designed for prisons and correctional facilities
- Tamper and scream alarm, guard presence mode and several I/Os for adaptation to local needs
- Vandal proof design with 2.5 mm steel front, sensor buttons and microphone/speaker protection
- Integrated light signalling system
- Redundant backup for power and signalling

Size (WxHxD): 5.0" x 10.3" x 2.0"   Weight: 2.0 lbs.

Related items: 890070737601 Back Box with anchors - Flush Mount, 1007060150 Back Box - Wall Mount, 1007060130 Corridor lamp, 1007060120 Remote call button

1008041100

IP VANDAL RESISTANT SUBSTATION CCoIP

- Dual Ethernet ports for connection of other IP device
- Possible connection to external IP video camera
- One relay output for door lock control or flash strobe light, etc.
- Stainless steel front (A304)

Size (WxHxD): 3.6" x 7.0" x 2.1" Weight: 1.7 lbs.

Related items: 1008098100 Flush Mount Back Box, 1008098000 On Wall Mount Back Box, Requires IP station license

1007056100

VANDAL RESISTANT SUBSTATION

- Advanced supervision functions
- Can be placed up to 4km (13,120 ft.) from AlphaCom E exchange without local source power
- Superb audio quality (10kHz)
- Stainless steel front (A304)

Size (WxHxD): 3.6" x 7.0" x 2.1" Weight: 1.7 lbs

Related items: 1008098100 Flush Mount Back Box, 1008098000 On Wall Mount Back Box

1070601010
TAMPER RESISTANT SUBSTATION

- Extremely rugged metal front plate of anodized, brushed aluminium, 6mm
- Can be placed up to 13,120 ft from AlphaCom E exchange without local source power
- Superb audio quality (10kHz)

Size (WxHxD): 7.4" x 5.5" x 2.5"   Weight: 2.5 lbs.

Related items: Requires 1000629700 Flush or 1000629800 Surface Backbox

1070601020
TAMPER RESISTANT SUBSTATION

- Extremely rugged metal front plate of anodized, brushed aluminium, 6mm
- Can be placed up to 13,120 ft from AlphaCom E exchange without local source power
- Superb audio quality (10kHz)

Size (WxHxD): 7.4" x 5.5" x 2.5"   Weight: 2.5 lbs.

Related items: Requires 1000629700 Flush or 1000629800 Surface Backbox

FOR CUSTOM MADE FRONT PLATES, SEE OUR STATION KITS ON PAGE 36

ACCESSORIES FOR PRISON AND CORRECTIONAL STATIONS

1007060130
CORRIDOR LAMP

- 2 LED lamp sections (red and green) to indicate the status of the related Tamper and Vandal Proof Station: Idle, Call, Alarm and Guard present
- Delivery on request

Size (WxHxD): 4.3" x 4.3" x 2.5"   Weight: 1.7 lbs.

Related items: 100706100 Tamper and Vandal Proof Station, 1007063000 Tamper and Vandal Proof Station

1007060120
REMOTE CALL BUTTON

- Tamper proof button which can be connected to the 1007061000 and 1007063000 stations as an additional call button
- Delivery on request

Size (WxH): 3.5" x 3.5"   Weight: .44 lbs

Related items: 100706100 Tamper and Vandal Proof Station, 1007063000 Tamper and Vandal Proof Station

890070737601
BACK BOX WITH ANCHORS, FLUSH MOUNT

- Flush Mount Backbox for concrete walls
- For Tamper and Vandal Proof stations

Size (WxHxD): 4.8" x 10.4" x 2.4"   Weight: 2.2 lbs.

Related items: 100706100 Tamper and Vandal Proof Station, 1007063000 Tamper and Vandal Proof Station

1007060150
BACK BOX, WALL MOUNT

- Wall Mount Back Box and a bracket specifically designed for the Tamper and Vandal Proof Stations

Size (WxHxD): 5.1" x 10.4" x 2.6"   Weight: 5.9 lbs.

Related items: 100706100 Tamper and Vandal Proof Station, 1007063000 Tamper and Vandal Proof Station

QHF1028
SNAKE EYE SCREWDRIVER (DRIVER#4)

- For Tamper Resistant screws

Weight: .66 lbs.

Related items: For Tamper and Vandal Proof Stations and Substations

QHF1029
BIT FOR QHF1028 1/4"

- One bit for the Snake eye screwdriver

Weight: .22 lbs

Related items: For Tamper and Vandal Proof Stations and Substations

INDUSTRIAL STATIONS

Ranging from light to heavy duty, Industrial Master Stations and Substations are built for harsh conditions. Large, durable buttons enable ease of operation with working gloves.

The 1007080000 and 1007086000 are equipped with a sensitive electret microphone while the 1007082000, 1007083000 and 1007085000 are equipped with a noise cancelling dynamic microphone.

All STENTOFON Industrial stations can drive an internal or external speaker directly. For additional power output the built-in 10W amplifier can be activated (an external power supply is required). This allows the stations to connect an external 20-70 Ohm speaker.

When a heavy duty telephone is required, the new analogue telephones fulfill the requirements for environments that need a telephone which can withstand rough usage and treatment.

1007080000
LIGHT INDUSTRIAL MASTER STATION

- Splashproof, flame -and chip resistant plastic casing
- Keyboard foil of UV-cured PVC
- Resistant to corrosive fluids
- Electret microphone
- Built in loudspeaker, MIC. & LED
- Built-in 10W VOX-operated amplifier for additional power output

Size (WxHxD): 4.8" x 9.6" x 2.4" Weight: 1.9 lbs.

Related items: See accessories for Industrial Stations

1007086000
HEAVY DUTY INDUSTRIAL MASTER STATION

- Waterproof and dustproof casing of orange aluminium alloy
- Use external loudspeaker
- Built-in 10W VOX-operated amplifier for additional power output
- Four freely programmable single-touch keys (DAK)

Size (WxHxD): 6.2" x 10.2" x 3.9" Weight: 2.4 lbs.

Related items: See accessories for Industrial Stations

1007082000
NOISE CANCELLING INDUSTRIAL MASTER STATION

- Waterproof and chip resistant casing of orange makrolon
- Noise cancelling microphone
- Use external loudspeaker
- Built-in 10W VOX-operated amplifier for additional power output

Size (WxHxD): 6.2" x 9.4" x 5.3" Weight: 2.4 lbs.

Related items: See accessories for Industrial Stations

1007083000
HEAVY DUTY INDUSTRIAL SUB STATION

- Waterproof and dustproof casing of orange aluminium alloy
- Noise cancelling microphone
- Use external loudspeaker
- Built-in 10W VOX-operated amplifier for additional power output
- Programmable call button, simplex and cancel buttons

Size (WxHxD): 6.2" x 10.2" x 3.6" Weight: 2.4 lbs.

Related items: See accessories for Industrial Stations

1007085000
HEAVY DUTY INDUSTRIAL SUB STATION

- Waterproof and dustproof casing of orange aluminium alloy
- Noise cancelling microphone
- Use external loudspeaker
- Built-in 10W VOX-operated amplifier for additional power output
- Programmable call button

Size (WxHxD): 6.2" x 10.2" x 3.6" Weight: 2.4 lbs.

Related items: See accessories for Industrial Stations

2213000100
HEAVY DUTY ANALOGUE TELEPHONE

- 5 mm aluminium casing
- External ringer unit recommended such as HB-90, HB-105 or CRB-7 with signal light
- Powered by phone line
- Full phone keypad plus special function keys

Size (WxHxD): 8.0" x 12.5" x 4.7" Weight: 11.0 lbs.

Related items: See item no. 2213000210, HB-90, HB105 and CRB-7 for specific analogue telephone accessories

2213000200
HEAVY DUTY ANALOGUE TELEPHONE WITH DOOR

- 5 mm aluminium casing
- External ringer unit recommended such as HB-90, HB-105 or CRB-7 with signal light
- Door has smart stay-open or stay-shut mechanism

Size (WxHxD): 8.0" x 12.5" x 4.7"   Weight: 11.0 lbs.

Related items: See item no. 2213000210, HB-90, HB105 and CRB-7 for specific analogue telephone accessories

ACCESSORIES FOR INDUSTRIAL STATIONS

VMP-211
HANDSET FOR INDUSTRIAL STATIONS

- For use on Industrial Master Stations
- The built-in loudspeaker is disconnected when lifting the handset
- Includes push to talk key in handset

Size (WxHxD): 3.1" x 9.8" x 6.1" Weight: 1.9 lbs.

Related items: All industrial INTERCOM stations

VMP-250
HANDSET FOR INDUSTRIAL STATIONS

- Weatherproof heavy duty industrial handset
- For use on Industrial Master Stations
- The built-in loudspeaker is disconnected when lifting the handset
- Includes push to talk key in handset

Size (WxHxD): 3.8" x 9.5" x 6.0" Weight: 1.9 lbs.

Related items: All industrial INTERCOM stations

VMP-36-PEL
PORTABLE HEADSET WITH BOOM MIC.

- Portable headset
- Includes switchbox with ON/OFF and Talk push-button w/ belt clip
- Standard with 32 ft. cable
- To be used in noisy areas

Weight: 2.4 lbs.

Related items: All industrial INTERCOM stations

VMP-36-PELP
PORTABLE HEADSET WITH BOOM MIC.

- Portable headset for connection to CD-7 Plug Box
- Includes switchbox with ON/OFF and Talk push-button w/ belt clip
- Standard with 32 ft. cable and plug 4 pin Amphenol
- To be used in noisy areas

Weight: 2.4 lbs.

Related items: All industrial INTERCOM stations

CD-7-VMP
PLUGBOX WATERTIGHT

- Designed to be used together with VMP-36-PELP, portable headset
- Has socket with dustcap
- Supports headset with ON/OFF button
- For on wall mounting

Size (WxHxD): 3.1" x 4.3" x 2.4" Weight: .88 lbs.

Related items: All industrial INTERCOM stations

VML-1520
HORN LOUDSPEAKER, 20 OHM, 15 W

- General purpose 15W horn speaker
- Can be connected directly to the speaker output of Industrial Intercom Stations

Size (WxHxD): 9.8" x 5.7" x 10.6" Weight: 2.9 lbs.

Related items: All industrial INTERCOM stations

2213000210
WALL MOUNTING PLATE

- Stainless steel plate for installations which do not give rear access to the telephone

Size (WxHxD): 10.2" x 15.7" x .66" Weight: .44 lbs.

Related items: 2213000100 Heavy Duty Analogue Telephone, 2213000200 Heavy Duty Analogue Telephone with door

HB-105
TELEPHONE TONE CALLER 60-100V AC, 105 DBA WATERTIGHT

- Designed to replace the traditional mains bell
- Powered by telephone line
- A suitable additional ringer device for telephones in weather exposed and noisy areas

Dimension (WxHxD): 3.5" x 3.5" x 4.6"

Related items: 2213000100 Heavy Duty Analogue Telephone, 2213000200 Heavy Duty Analogue Telephone with door

HP-15
HORN LOUDSPEAKER, 8 OHM, 15 W

- General purpose 15W horn speaker

Size (Diameter x Depth): 7.8" x 9.7" Weight: 3.7 lbs.

Related items: All industrial INTERCOM stations

EHS-240
ROTARY LIGHT, 24V DC, ORANGE

- Used in noisy areas to indicate a call
- Can be used with all Industrial Stations or Telephones
- Must use CRB-7 when used on Industrial Telephones

Size (Diameter x Height): 5.7" x 8.6"   Weight: 1.9 lbs.

Related items: All Industrial Stations. CRB-7 required when used on Heavy Duty Analogue Telephone

HB-90
TELEPHONE TONE CALLER IN DOOR 60-100V AC, 90 DBA

- Ideal for use as an additional ringer unit, where the four different sounds on the switchable version enables the receiver to distinguish their phone ringing in a busy working environment
- Telephone line powered

Size (WxHxD): 3.3" x 3.3" x 1.9" Weight: .44 lbs.

Related items: 2213000100 Heavy Duty Analogue Telephone, 2213000200 Heavy Duty Analogue Telephone with door

CRB-7
RELAYBOX - 24VDC, 110/220VAC - SIGNAL UNIT WATERTIGHT

- Unit designed for activation of extra signal device connected to telephone in noisy area

Size (WxHxD): 4.7" x 4.8" x 2.1"

Related items: 2213000100 Heavy Duty Analogue Telephone, 2213000200 Heavy Duty Analogue Telephone with door

IP DECT CORDLESS

The STENTOFON IP DECT 300 and 6000 systems are an integrated part of the STENTOFON AlphaCom E solution.

The DECT cordless phones, intercom and analogue telephones all have access to the AlphaCom E services. Users will be able to enjoy the benefits of one users experience with seamless mobility.

The IP DECT 300 system provides radio coverage within a limited area supporting a single base station while the 6000 system provides wide area coverage and supports up to 256 base stations.

The IP DECT system is easy to install. The DECT base stations connect directly to the AlphaCom E exchange over the IP data network. The DECT base stations have very good robustness against radio interference even in a hostile radio environment. The system uses Dynamic Channel Selection and Allocation (DCS) and is thereby able to reduce the levels of interference, and ensure that links are set up using best radio channels.

Note! Rooms with steel walls, floor and ceiling are areas that are difficult to cover with radio. Zenitel cannot guarantee 100% coverage in these areas. However, it shall be noted that DECT provides good and better radio coverage in these areas compared to other technologies like WiFi phones.

DECT or Digital Enhanced Cordless Telecommunications is a European standard for digital cordless phones. Today the DECT standard is approved world wide.

2211100100
DECT HANDSET ROUGH

- Special purpose handset for rough usage, dust and water protected
- Very high battery capacity
- Telephone book with room for 200 numbers
- Rough and office headset options for hands-free usage and noise reduction
- Large alphanumeric, back-lit display
- Volume control and LED indication of incoming and unanswered calls
- Battery included

Size (WxHxD): 5.8" x 1.9" x 1.1"   Weight: .29 lbs.

Related items: Requires SIP station license, 2211100210 Rough Handset Charger

2211100110
DECT HANDSET EX

- Ultimate handset for hazardous environments built for long-term dependability
- Dust tight and water protected
- ATEX and IEC approved according to European and international standard
- Battery included

Size (WxHxD): 5.8" x 1.9" x 1.1"   Weight: .29 lbs.

Related items: Requires SIP station license, 2211100215 EX Handset Charger

2211100120
DECT HANDSET OFFICE

- Elegant handset for mobile workers in administrative environments
- Rough and office headset options for handsfree usage and noise reduction
- Large color display with backlight (TFT)
- Battery included

Size (WxHxD): 5.7" x 1.8" x .74" Weight: .24 lbs.

Related items: Requires SIP station license, 2211100220 Office Handset Charger

2211100210
ROUGH HANDSET CHARGER

- Needs power in addition

Weight: .22 lbs.

Related items: 2211050200 Power Supply

2211100220
OFFICE HANDSET CHARGER

- Needs power in addition

Weight: .22 lbs.

Related items: 2211050210 Power Supply

2211100215
EX HANDSET CHARGER

- Needs power in addition

Weight: .22 lbs.

Related items: 2211050200 Power Supply

2211050210
POWER SUPPLY, OFFICE HANDSET CHARGER

- Input: 100-240V 50/60 Hz 200mA
- Output: 6Vdc 350mA

Weight: .88 lbs.

Related items: 2211100220 Office Handset Charger

2211050200
POWER SUPPLY, ROUGH & EX CHARGER

- Input: 230V-50Hz 25mA
- Output: 9V DC, 300mA

Weight: .88 lbs.

Related items: 2211100210 Rough Handset Charger, 2211100215 EX Handset Charger, 2211050100 Base Repeater Wall

2211100600
BATTERY FOR DECT ROUGH

2211100605
BATTERY FOR DECT EX

2211100610
BATTERY FOR DECT OFFICE

- For spare battery

2211100710
BELT CLIP FOR DECT OFFICE

2211100700
BELT CLIP FOR DECT ROUGH & EX

- Specially designed connector matching the handset itself

Weight: .22 lbs.

Related items: 2211100100 DECT Handset Rough, 2211100110 DECT Handset EX, 2211100120 DECT Handset Office

2211200101
HEADSET FOR DECT HANDSET ROUGH & EX

- Headset is not EX approved
- Extra broadband with soft padding for ideal comfort
- To be used in noisy areas

Weight: .66 lbs.

Related items: 2211200111 Cable for headset

2211100702
LEATHER POUCH, BELT CLIP FOR DECT ROUGH & EX

- Leather pouch handle also necessary
- High quality black leather

Weight: .22 lbs.

Related items: 2211100100 DECT Handset Rough, 2211100110 DECT Handset EX

2211200100
LIGHT MONO HEADSET W/HOOK SWITCH

- Lightweight construction
- Easy switching from the ear–hook to the headband fixture

Weight: .44 lbs.

Related items: 2211100100 DECT Handset Rough, 2211100110 DECT Handset EX, 2211100120 DECT Handset Office

2211200111
CABLE FOR HEADSET

- For DECT handset rough & EX

Weight: .22 lbs.

Related items: 2211200101 Headset for DECT Handset Rough & EX

2211010100
IP DECT BASE 300

- Integrated part in STENTOFON AlphaCom E solution
- Limited radio coverage with 1 base station and up to 3 repeaters
- Base station radio coverage is: max 164 ft. indoor and max 492 ft. outdoor
- DECT repeaters can be added to extend radio coverage
- Robustness even in hostile radio environments using dynamic channel selection and allocation
- Encrypted radio communication
- System capacity: 8 handsets

Size (WxHxD): 3.9" x 3.9" x 1.4" Weight: .26 lbs.

Related items: 2211050100 Base Repeater Wall

2211000100
IP DECT SERVER 6000

- Integrated part of STENTOFON AlphaCom E solution
- Wide area coverage with up to 256 base stations and 3 repeaters per base station
- Centralized radio planning, configuration and monitoring
- Encrypted radio communication
- System capacity: 500 handsets

Size (WxHxD): 6.4" x 6.4" x 2.1" Weight: .79 lbs.

Related items: 2211000130/40/50 IP DECT User license, 22111000600 IP DECT base for Server 6000

2211000600
IP DECT BASE FOR SERVER 6000

- Base station radio coverage: max 164 ft. indoor and max 492 ft. outdoors
- DECT repeaters can be added to extend radio coverage

Size (WxHxD): 3.9" x 3.9" x 1.5" Weight: .26 lbs.

Related items: 2211050100 Base Repeater Wall, 2211000100 IP DECT server 6000

2211050100
BASE REPEATER WALL

- Up to 492 ft. reachability outdoors
- Possibility for 4 simultaneous calls
- External power supply

Size (WxHxD): 3.9" x 3.4" x 1.5" Weight: .26 lbs.

Related items: 2211050130 Repeater Programming Kit, 22111000600 IP DECT Base for Server 6000, 2211010100 IP DECT base 300, 2211050200 Power Supply

2211050120
BASE REPEATER MOUNTING KIT

- Extends Wall Repeater up to 1.64 ft. out from wall

Weight: .66 lbs.

Related items: 2211050100 Base Repeater Wall

2211050130
REPEATER PROGRAMMING KIT

- Requires Windows application and RS232

Weight: .44 lbs.

Related items: 2211050100 Base Repeater Wall

STATION KITS

To allow for custom design, the station electronics are available as kits. Like all STENTOFON stations, the kits feature high audio bandwidth accomplished through the use of a wide-band audio codec. VoIP station kits connect directly to the IP network making it easy to deploy anywhere at any distance.

1008093000
IP MASTER STATION KIT [CCoIP]

- Made for STENTOFON Critical Communication over IP
- Supports full keyboard including direct access keys (DAK) and dynamic keys
- Supports handset and headset
- Superb audio quality
- OdB (600 Ohm) output to Public Address
- Relay output for e.g. door lock control and tamper alarm input
- Dual Ethernet ports for connection of other IP devices
- Remote software upgrade, configuration and monitoring

Size (WxHxD): 3.4" x 5.9" x .78" Weight: .29 lbs.

Related items: 1008097500 Gooseneck Microphone, 1008099000 Display for IP Station Master Board, 1008097100 Handset, Requires IP station license, 1009648001 License to use as CRM V

1000132100
MASTER STATION KIT

- Print card for 1007040000-type station
- Includes rubber keypad

Size (WxHxD): 3.3" x 3.3" x 1.5" Weight: .22 lbs

1000142500
MASTER STATION KIT FOR DISPLAY STATION

- Print card for 1007042000-type station
- Display not included
- Includes rubber keypad
- Can be connected to display

Size (WxHxD): 3.4" x 3.0" x 1.5" Weight: .22 lbs.

1008099000
DISPLAY FOR IP MASTER STATION BOARD, 5 PIECES

- Supports backlight
- LCD display with 64 x 128 pixels

[CCoIP]

Size (WxHxD): 3.1" x 1.9" x .19" Weight: .22 lbs

Related items: 1008093000 IP Master Station Kit

A100C01425
MASTER STATION KIT FOR DISPLAY STATION, PCB ONLY

- Print card for 1007042000-type station
- PCB only
- Without display and keypad

Size (WxHxD): 3.3" x 3.0" x .78" Weight: .22 lbs.

1008090200
IP SUBSTATION KIT [CCoIP]

- Made for STENTOFON Critical Communication over IP
- Superb audio quality
- OdB (600 Ohm) output to Public Address
- Relay output for e.g. door lock control and tamper alarm input
- Dual Ethernet ports for connection of other IP devices
- Enables manufacturing of EN 81-28 and 81.70 compliant lift stations
- Remote software upgrade, configuration and monitoring

Size (WxHxD): 2.8" x 4.3" x .78" Weight: .22 lbs.

Related items: 1008091000 Mounting and Assembly Kit for IP substation, Requires IP station license

1008091000
MOUNTING AND ASSEMBLY KIT FOR IP SUBSTATION [CCoIP]

- An optional Mounting and Assembly Kit includes gaskets, a two inch loudspeaker, loudspeaker housing and microphone with mounting block for call LED
- This kit is based on items used in the IP Vandal Resistant Substation

Weight: .88 lbs.

Related items: 1008090200 IP Substation Kit

1007102000
SUBSTATION KIT

- Includes the 1307 substation board, 45 Ohm weather resistant loudspeaker, electret microphone with mounting material, one tamper-proof button and all other necessary station accessories
- Advanced supervision functions
- Can be placed up to 13,120 ft. from AlphaCom E exchange without local source power
- Superb audio quality

Size printcard (WxHxD): 2.7" x 3.5" x .98" Weight: 1.1 lbs.

1007060100
FEATURE STATION KIT INCLUDING ACCESSORIES

Includes the electronics board, speaker, microphone, gasket and a connector to build a Tamper and Vandalproof station, with a customised front plate. This board can provide the following features to a station based on it:
- Scream alarm
- I/O for control and status indication
- Tamper alarm
- Sensor keys

Size printcard (WxHxD): 7.4" x 3.2" x 1.5"   Weight: .22 lbs

Related items: 1007060130 Corridor lamp, 1007060120 Remote call button, 1007060110 Set of sensor keys

1007060105
FEATURE STATION KIT

The kit includes the electronics board as used in the Tamper and Vandal Proof Stations. This board can provide the following features to a station based on it:
- Scream alarm
- I/O for control and status indication
- Tamper alarm

Size (WxHxD): 3.1" x 5.5" x 1.3"   Weight: .22 lbs.

Related items: 1007060130 Corridor lamp, 1007060120 Remote call button, 1007060110 Set of sensor keys

1007060110
SET OF SENSOR KEYS

- These keys are intended to be used with both Feature Station Kits to manufacture a similar station as the Tamper and Vandalproof stations but with a customised front plate
- There are 10 keys in a set

Weight: .44 lbs.

10006294IPR

IP SUBSTATION KIT

- IP substation kit w/red mushroom button
- Integrated web server
- Dry relay contact for door/gate control

Size (WxHxD): 4 3/16" x 2 7/8" x 5/8" (board) Weight: .75 lbs.

Related items: 1009641006 IP station license (six users), AlphaCom Exchange required

10006294IPS

IP SUBSTATION KIT

- IP substation kit w/silver button
- Integrated web server
- Dry relay contact for door/gate control
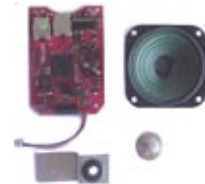
Size (WxHxD): 4 3/16" x 2 7/8" x 5/8" (board) Weight: .75 lbs.

Related items: 1009641006 IP station license (six users), AlphaCom Exchange required

1000106300

ELEVATOR SUBSTATION KIT

- Hi-fidelity loudspeaker
- Ultra-sensitive electret microphone
- Built-in electronic preamp

Size (WxHxD): 3 ½ x 2 ¾" x 2" (Board) Weight: .5 lbs.

Related items: 1009101010 ASLT2 board, AlphaCom connection material required (dependant on AlphaCom exchange used.)

EMERGENCY STANCHIONS AND WALL UNITS

1000160004
DELUXE TOWER

- Extremely Durable Design Resists Environment and Vandalism
- High-Power Lamp/Strobe Flashes when Unit is Activated - Lamp is Constantly On
- Camera Mount Provides High Vantage Point for Surveillance Cameras (Camera not included)

Size (WxHxD): 1" x 11'10" x .85" Weight: 450 lbs.

Related items: 1000629279IP Substation, 100629267SMD Substation, 1006292792MS Substation

1000160000
DELUXE TOWER

- Economical and Reliable Emergency Communications
- Extremely Durable Design Resists Environment and Vandalism
- High-Power Lamp/Strobe Flashes when Unit is Activated Lamp is Constantly On

Size (WxHxD): 1" x 9" x .85" Weight: 385 lbs.

Related items: 1000629279IP Substation, 100629267SMD Substation, 1006292792MS Substation

1000160100
ECONO TOWER

- Extremely Durable Design Resists Environment and Vandalism
- High-Power Lamp/Strobe Flashes when Unit is Activated - Lamp is Constantly On
- Easy to Install Versatile Modular Design

Size (WxHxD): 10" x 9'6" x 8" Weight: 280 lbs.

Related items: 1000629279IP Substation, 100629267SMD Substation, 1006292792MS Substation

1000160300
ECONO WALL

- Extremely Durable Design - Weather, Environment and Vandal Resistant
- High-Power Lamp/Strobe Flashes when Unit is Activated - Lamp is Constantly On
- Easy to Install Versatile Modular Design

Size (WxHxD): 10" x 32" x 8" Weight: 41 lbs.

Related items: 1000629279IP Substation, 100629267SMD Substation, 1006292792MS Substation

1000160200
DELUXE WALL UNIT

- Extremely Durable Design Resists Environment and Vandalism
- High-Power Lamp/Strobe Flashes when Unit is Activated - Lamp is Constantly On
- Easy to Install Versatile Modular Design

Size (WxHxD): 10" x 32" x 8" Weight: 41 lbs.

Related items: 1000629279IP Substation, 100629267SMD Substation, 1006292792MS Substation

EXCHANGES CCoIP®

ALPHACOM E7 PACKAGE

- Wall, shelf or 19" rack mounting
- Complete system with 1 Power Supply Board, 1 Processor Board, Number of Subscriber Line Boards is dependant on number of station ports required. AlphaCom documentation CD and AlphaPro programming tool
- Subscriber capacity: 552 IP stations. A combination of technologies allows max 36 traditional intercom units or max 72 analogue telephones out of 552 stations

Size (WxHxD): 16.8" x 5.2" x 14.9" Weight: Dependant on configuration

Related items: 1009291120 AlphaPro Software

1009607300
ALPHACOM E7 WITH LICENSE FOR 12 STATIONS - VERSION 10

- Wall, shelf or 19" rack mounting
- Complete system with 1 Power Supply Board, 1 Processor Board, 12 IP Station Licenses, AlphaCom documentation CD and AlphaPro programming tool
- Max subscriber capacity: 552 IP stations

Size (WxHxD): 16.8" x 5.2" x 14.9" Weight: 19.8 lbs.

Related items: 1009291120 AlphaPro Software

STENTOFON USA

See page 42 for Exchange Packages and Pricing.

1009620000
ALPHACOM E20 FOR 19" RACK MOUNTING - AC - VERSION 10

- 19" rack mounting
- Complete system with APWR-AC version Power Supply, 1 Processor Board, 1 Program & Clock Board, 2 Subscriber line Boards, 2 x 4.9 ft. flat ASLT connection cable with filter board and AlphaCom documentation CD
- Subscriber capacity: 552 IP stations. A combination of technologies allows max 102 traditional intercom units or max 204 analogue telephones out of 552 stations

Size (WxHxD): 18.9" x 10.4" x 14.3"   Weight: 41.8 lbs.

Related items: AlphaPro Software, 1009503000 APC Connection Kit if audio input and/or remote control input is required

1009626001
ALPHACOM E26 FOR 19" RACK MOUNTING - AC - VERSION 10

- High availability exchange including multiple functions to reduce and minimize system downtime
- Complete system with 2 Processor Boards AMC-IP with automatic switch over, 2 Power Supplies APWR AC-version, 2 AMC-IP Filter Card, 1 Program & Clock Board APC equipped with microcontroller, 2 Subscriber Line Boards, 2 x 4.9 ft. flat ASLT connection cable with Filter Board and AlphaCom documentation CD

Size (WxHxD): 19.0" x 33.1" x 14.3"   Weight: 99.1 lbs.   **HIGH AVAILABILITY!**

Related items: AlphaPro Software, 1009503000 APC Connection Kit if audio input and/or remote control input is required

1009626002
E20/E26 HIGH AVAILABILITY EXTENSION PACKAGE

- For upgrading of existing AlphaCom E20 or E26 to have redundant control cards
- 1009202000 AMC-IP Card
- 1009511000 AMC-IP filtercard and APC upgrade kit

Weight: 1.3 lbs.

Related items: All AlphaCom E20 and E26 Exchanges

1009626100
ALPHACOM E26 FLOOR CABINET - VERSION 10

- Configuration available from single cabinet up to four (4) cabinet.
- Complete system with APWR-AC version Power Supply, 1 Processor Board, 1 Program & Clock Board, Subscriber line Boards, 97124 cables (dependant on exchange configuration) and AlphaCom documentation CD
- Subscriber capacity: 552 IP stations. A combination of technologies allows max 138 traditional intercom units or max 276 analogue telephones out of 552 stations

Size (WxHxD): 19.0" x 33.1" x 23.3"   Weight: 101.3 lbs.

Related items: AlphaPro Software, 1009503000 APC Connection Kit if audio input and/or remote control input is required

ALPHACOM E7 EXCHANGE PACKAGES	
Article Number	**Product Name**
ACCE7360601	ACCE7 36/6/1 Exchange
ACCE7361202	ACCE7 36/12/2 Exchange
ACCE7361803	ACCE7 36/18/3 Exchange
ACCE7362404	ACCE7 36/24/4 Exchange
ACCE7363005	ACCE7 36/30/5 Exchange
ACCE7363606	ACCE7 36/36/6 Exchange

ALPHACOM E26 EXCHANGE PACKAGES - ONE CABINET	
Article Number	**Product Name**
ACFE26/138/024	ACFE26 138/24/4 Exchange
ACFE26/138/030	ACFE26 138/30/5 Exchange
ACFE26/138/036	ACFE26 138/36/6 Exchange
ACFE26/138/042	ACFE26 138/42/7 Exchange
ACFE26/138/048	ACFE26 138/48/8 Exchange
ACFE26/138/054	ACFE26 138/54/9 Exchange
ACFE26/138/060	ACFE26 138/60/10 Exchange
ACFE26/138/066	ACFE26 138/ 66/11 Exchange
ACFE26/138/072	ACFE26 138/72/12 Exchange
ACFE26/138/078	ACFE26 138/78/13 Exchange
ACFE26/138/084	ACFE26 138/84/14 Exchange
ACFE26/138/090	ACFE26 138/90/15 Exchange
ACFE26/138/096	ACFE26 138/96/16 Exchange
ACFE26/138/102	ACFE26 138/102/17 Exchange
ACFE26/138/108	ACFE26 138/108/18 Exchange
ACFE26/138/114	ACFE26 138/114/19 Exchange
ACFE26/138/120	ACFE26 138/120/20 Exchange
ACFE26/138/126	ACFE26 138/126/21 Exchange
ACFE26/138/132	ACFE26 138/132/22 Exchange
ACFE26/138/138	ACFE26 138/138/23 Exchange

ALPHACOM E26 EXCHANGE PACKAGES - TWO CABINETS	
Article Number	**Product Name**
ACFE26/276/096	ACFE26 276/96/16/8 Exchange
ACFE26/276/108	ACFE26 276/108/18/8 Exchange
ACFE26/276/120	ACFE26 276/120/20/8 Exchange
ACFE26/276/132	ACFE26 276/132/22/8 Exchange
ACFE26/276/144	ACFE26 276/144/24/8 Exchange
ACFE26/276/156	ACFE26 276/156/26/8 Exchange
ACFE26/276/168	ACFE26 276/168/28/8 Exchange
ACFE26/276/180	ACFE26 276/180/30/8 Exchange
ACFE26/276/192	ACFE26 276/192/32/8 Exchange
ACFE26/276/204	ACFE26 276/204/34/8 Exchange
ACFE26/276/216	ACFE26 276/216/36/8 Exchange
ACFE26/276/228	ACFE26 276/228/38/8 Exchange
ACFE26/276/240	ACFE26 276/240/40/8 Exchange
ACFE26/276/252	ACFE26 276/252/42/8 Exchange
ACFE26/276/264	ACFE26 276/264/44/8 Exchange
ACFE26/276/276	ACFE26 276/276/46/8 Exchange

ALPHACOM E26 EXCHANGE PACKAGES - THREE CABINETS	
Article Number	**Product Name**
ACFE26/414/180	ACFE26 414/180/30/8 Exchange
ACFE26/414/198	ACFE26 414/198/33/8 Exchange
ACFE26/414/216	ACFE26 414/216/36/8 Exchange
ACFE26/414/234	ACFE26 414/234/39/8 Exchange
ACFE26/414/252	ACFE26 414/252/42/8 Exchange
ACFE26/414/270	ACFE26 414/270/45/8 Exchange
ACFE26/414/288	ACFE26 414/288/48/8 Exchange
ACFE26/414/306	ACFE26 414/306/51/8 Exchange
ACFE26/414/324	ACFE26 414/324/54/8 Exchange
ACFE26/414/342	ACFE26 414/342/57/8 Exchange
ACFE26/414/360	ACFE26 414/342/57/8 Exchange
ACFE26/414/378	ACFE26 414/378/63/8 Exchange
ACFE26/414/396	ACFE26 414/396/66/8 Exchange
ACFE26/414/414	ACFE26 414/414/69/8 Exchange

ALPHACOM E26 EXCHANGE PACKAGES - FOUR CABINETS	
Article Number	**Product Name**
ACFE26/552/294	ACFE26 552/294/49/8 Exchange
ACFE26/552/312	ACFE26 552/312/52/8 Exchange
ACFE26/552/330	ACFE26 552/330/55/8 Exchange
ACFE26/552/348	ACFE26 552/348/58/8 Exchange
ACFE26/552/366	ACFE26 552/366/61/8 Exchange
ACFE26/552/384	ACFE26 552/384/64/8 Exchange
ACFE26/552/402	ACFE26 552/402/67/8 Exchange
ACFE26/552/420	ACFE26 552/420/70/8 Exchange
ACFE26/552/438	ACFE26 552/438/73/8 Exchange
ACFE26/552/456	ACFE26 552/456/76/8 Exchange

ACFE26/552/474	ACFE26 552/474/79/8 Exchange
ACFE26/552/492	ACFE26 552/492/82/8 Exchange
ACFE26/552/510	ACFE26 552/510/85/8 Exchange
ACFE26/552/528	ACFE26 552/528/88/8 Exchange
ACFE26/552/546	ACFE26 552/546/91/8 Exchange
ACFE26/552/552	ACFE26 552/552/92/8 Exchange

EXCHANGE SPARES

1000700700
ALPHACOM E7 SPARES KIT

- (1) E7 Exchange Cabinet with Internal Power Supply
- (1) 9202 AMP-IP Module Controller Board
- (1) 9101 ASLT Board

Related items: AlphaCom E7 exchange packages, Consult STENTOFON
Applications to determine correct spare parts kit

1000700900
E 26 SPARES W/POWER SUPPLY

- (1) 9101 ASLT Subscriber Board
- (1) 9202 AMC IP Module Controller Board
- (1) 9301 APC Program Clock Board
- (1) 9703 APWR Power Supply

Related items: AlphaCom E26 exchange packages, Consult STENTOFON
Applications to determine correct spare parts kit

1000700800
ALPHACOM E26 BASIC SPARES

- (1) 9101 ASLT Subscriber Board
- (1) 9202 AMC IP Module Controller Board
- (1) 9301 APC Program Clock Board

Related items: AlphaCom E26 exchange packages, Consult STENTOFON
Applications to determine correct spare parts kit

1000700100
E26 SPARES W/POWER SUPPLY/AUDIO BOARD

- (1) 9101 ASLT Subscriber Board
- (1) 9202 AMC IP Module Controller Board
- (1) 9301 APC Program Clock Board
- (1) 9703 APWR Power Supply
- 9303 AGA Audio Distribution Board

Related items: AlphaCom E26 exchange packages, Consult STENTOFON
Applications to determine correct spare parts kit

IP NETWORKING LICENSES CCoIP®

IP stations require a license. They do not require additional hardware such as an ASLT card. The maximum number of stations which is supported by an exchange is 552. These can all be IP stations if the network to which they are configured support multicast. If this is not the case, the maximum number of supported IP stations in an exchange is 50.	
1009641006	IP-station license for 6 stations
Each telephone requires a SIP station license. SIP telephones can be physical units but also SIP softphone clients on a PC or PDA.	
1009643006	SIP station license for 6 SIP telephones
AlphaNet and multi-module linking for the AlphaCom E exchanges can be via data networks. This does not require additional hardware inside the exchange, but opening up the capability requires the correct licence. Licenses are required in all connected modules and nodes. There is no difference whether a license is used for an AlphaNet or a multi-module connection. A static license means that the destination of an audio link needs to be defined at commissioning, a dynamic link is a common resource, and can be used for any audio link that requires connection. The data links between modules and nodes are not licensed.	
1009640002	AlphaNet and Multi-Module VoIP License for 2 Static Lines
1009640008	AlphaNet and Multi-Module VoIP License for 8 Dynamic Lines
1009640016	AlphaNet and Multi-Module VoIP License for 16 Dynamic Lines
1009640030	AlphaNet and Multi-Module VoIP License for 30 Dynamic Lines
1009640108	AlphaNet and Multi-Module VoIP License for 8 Dynamic Lines, upgrade from 2 lines
SIP trunking gives the possibility to connect an AlphaCom E to a telephone network, either directly to a SIP enabled telephone system or through a gateway to an analogue or ISDN (BRI or PRI) system.	
1009642002	SIP Trunking, 2 lines
1009642004	SIP Trunking, 4 lines
1009642104	SIP Trunking, 4 lines - upgrade from 2 lines
1009642008	SIP Trunking, 8 lines
1009642016	SIP Trunking, 16 lines

TELEPHONE GATEWAYS

2200001000
AUDIOCODES MP-114 GATEWAY `CCoIP`

- Connects STENTOFON AlphaCom E system to external telephone system such as PABXs and the public telephone network
- Supports 4 analogue telephone lines
- Web management for easy configuration and installation

Size (WxHxD): 8.6" x 1.6" x 6.7" Weight: 1.1 lbs.

Related items: 2200002000 Rack Mounting Kit for Audio Codes, 1009642002/4/8/16 SIP trunking license

2200002000
19" RACK MOUNTING KIT FOR AUDIO CODES

- Allows mounting in standard 19" rack
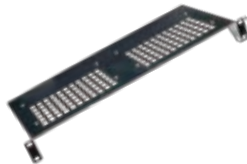
Size: 1HU

Related items: 2200001000 AudioCodes MP-114 Gateway, 2200001008 AudioCodes MP-118 Gateway

2200001008
AUDIOCODES MP-118 GATEWAY `CCoIP`

- Connects STENTOFON AlphaCom E system to external telephone system such as PABXs and the public telephone network
- Supports 8 analogue telephone lines
- Web management for easy configuration and installation

Size (WxHxD): 8.6" x 1.6" x 6.7" Weight: 1.1 lbs.

Related items: 2200002000 Rack Mounting Kit for Audio Codes, 1009642002/4/8/16 SIP trunking license

2200003000
GSM GATEWAY `CCoIP`

- Connects STENTOFON AlphaCom E to GSM for external calls
- World wide GSM coverage using quad band GSM (800/900/1800/1900)
- Web interface for configuration

Size (WxHxD): 5.7" x 6.8" x 1.7"   Weight: 2.6 lbs.

Related items: 1009642001 SIP trunking license

UPGRADE KITS

1009511000
AMC-IP FILTER CARD `CCoIP`

- For E20 and E26 exchanges (Not needed in the E7 exchange as it is integrated in the backplane)
- Equipped with 2 ethernet and 2 serial port connectors for connection to the AMC-IP board

Weight: .22 lbs.

Related items: 1009202000 Processor Board, AMC-IP-Version 10

1009202000
PROCESSOR BOARD, AMC-IP - VERSION 10 `CCoIP`

- Made for STENTOFON Critical Communication over IP
- Multiservice processor card with integrated media processing engine, packet processing engine, HW encryption and storage module
- Supports all traditional AlphaCom feature cards
- Can be used to upgrade already installed AlphaCom 80 and 138 exchanges

Size (WxHxD): .39" x 9.0" x 10.3" Weight: 1.1 lbs.

Related items: 1009511000 AMC-IP Filter Card

FEATURE CARDS

1009101010
SUBSCRIBER LINE BOARD, ASLT

- 6 channels for traditional intercom subscriber connections per card
- 6 programmable remote outputs

Size (WxHxD): 9.0" x 10.3" x .39" Weight: 1.1 lbs.

Related items: See connection material

1009104000
SUBSCRIBER LINE BOARD, ATLB-12

- High capacity line card for analogue telephones
- 12 analogue telephone connections
- Hotline and DTMF dialling
- 6 programmable remote outputs

Size (WxHxD): 9.0" x 10.3" x .39" Weight: 1.1 lbs.

Related items: See connection material

1009303001
GENERAL PURPOSE AUDIO INTERFACE, AGA

- General purpose audio interface
- 16 audio program inputs or 8 two-way speach communication
- Audio-only Station
- Public Address

Size (WxHxD): 9.0" x 10.3" x .39" Weight: 1.1 lbs.

Related items: 1009930300 Installation set, program connectioni

1009304005 ▪ English
STORED VOICE PLAYBACK BOARD, ASVP

- Feature board for pre-recorded audio messages
- Time/date can be added to each message
- A set of standard messages available, custom specified messages can be delivered

Size (WxHxD): 9.0" x 10.3" x .39" Weight: 1.1 lbs.

Related items: See connection material

1009304001	**1009304002**	**1009304003**	**1009304004**	**1009304006**	**1009304011**
▪ Norwegian	▪ Finnish	▪ Danish	▪ German	▪ French	▪ Swedish

PUBLIC ADDRESS

POWER AMPLIFIER

- STENTOFON Power Amplifiers are built to perform in demanding environments
- Make announcements to one or many zones
- Central and distributed amplification
- One loudspeaker circuit can be included in one or many zones
- Bass and treble controls
- Overload, fault indication and amplifier monitoring
- 24 VDC/800 mA power is available on the back panel to feed external equipment

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VPA-120
POWER AMPLIFIER, 120W

Size (WxHxD): 18.9" x 5.2" x 16.5" Weight: 40.8 lbs.

Related items: VML-15T Hornspeaker 15W 100v line, 2131000100 Ceiling loudspeaker with steel fire dome, CAR-4TF Wall double faced loudspeaker 4w - w/fuse

VPA-240
POWER AMPLIFIER, 240W

Size (WxHxD): 18.9" x 5.2" x 16.5" Weight: 46.7 lbs.

Related items: VML-15T Hornspeaker 15W 100v line, 2131000100 Ceiling loudspeaker with steel fire dome, CAR-4TF Wall double faced loudspeaker 4w - w/fuse

VPA-400
POWER AMPLIFIER, 400W

Size (WxHxD): 18.9" x 5.2" x 16.5" Weight: 46.7 lbs.

Related items: VML-15T Hornspeaker 15W 100v line, 2131000100 Ceiling loudspeaker with steel fire dome, CAR-4TF Wall double faced loudspeaker 4w - w/fuse

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VML-15T
HORNSPEAKER, 15W, 100V LINE

- General purpose 15W horn loudspeaker
- Used with 100 V line amplifier
- 2.8 m cable included

Size (WxHxD): 9.8" x 7.7" x 11.7" Weight: 2.9 lbs.

Related items: VPA-120 Power Amplifier 120W, VPA-240 Power Amplifier 240W, VPA-400 Power Amplifier 400W

2131000100
CEILING LOUDSPEAKER WITH STEEL FIRE DOME

- Flush mount loudspeaker
- Used with 100 V line amplifier
- Fire retardant material and steel fire dome
- Supports loop-wiiring with 2x20 mm cable glands

Diameter: 7.8" Depth: 3.9" Weight: 2.9 lbs.

Related items: VPA-120 Power Amplifier 120W, VPA-240 Power Amplifier 240W, VPA-400 Power Amplifier 400W

CAR-4TF
WALL DOUBLE FACED LOUDSPEAKER, 4W - W/FUSE

- Double faced loudspeaker
- For indoor use
- Used with 50/100 V line amplifier
- 1m terminal cable included

Diameter: 5.9" Depth: 3.5" Weight: 3.3 lbs.

Related items: VPA-120 Power Amplifier 120W, VPA-240 Power Amplifier 240W, VPA-400 Power Amplifier 400W

10001801A0
20 WATT MIXER AMPLIFIER

10001803A0
40 WATT MIXER AMPLIFIER

- Compact And Rugged (2) Channel Mixer Amplifier
- Excellent Sound Reproduction At Full Rated Output
- Built-In Telephone/Intercom 600 ohm Input
- Voice Activated Muting For Priority Paging

Size (WxHxD): 10.7" x 3.47" x 11.82"
Weight: 1801-A (12 lbs.) 1803-A (15 lbs.)

Related items: 1000181320 Rack mount kit, 1000107800 page adaptor

10001806A0
60 WATT MIXER AMPLIFIER

10001812A0
120 WATT MIXER AMPLIFIER

- Excellent sound reproduction
- Five mic/auxiliary input mixing controls
- Built-in telephone/Intercom 600 ohm Input
- Vox muting on telephone and one mic input

Size (WxHxD): 16.93" 3.47" x 11.82"
Weight: 1806-A (20 lbs.) 1812-A (22.5 lbs)

Related items: 1000181300 Rack mount kit, 1000107800 page adaptor

1000176400
CEILING SPEAKER

- Paging & Talkback Speaker
- Enhanced Sound Monitoring
- Wide Frequency Response
- Heavy Duty Construction

7 7/8" Round x 3 1/2" Deep Weight: .5 lbs.

Related items: 1000183000 Ceiling back box, 1000183100 ceiling mount, 1000107800 page adaptor

1000181610
CEILING SPEAKER

- Excellent sound reproduction
- Wide frequency response
- Heavy-duty Construction
- 8" dual cone speaker

12 7/8" Round 3 1/2" Deep Weight: 2.75 lbs.

Related items: VPA-120 Power Amplifier 120W, VPA-240 Power Amplifier 240W, VPA-400 Power Amplifier 400W

1000181400
CEILING SPEAKER

- UL Listed
- Built-in Clamps for simple installation
- Nominal Power 20 watts, 40 watts maximum

Size: 8" Weight: 6.5 lbs.

Related items: 10001801A0 20 Watt mixer amplifier, 10001803A0 40 Watt mixer amplifier, 10001806A0 60 Watt mixer amplifier, 10001812A0 120 Watt mixer amplifier

1000185000
HORN

- All metal construction
- High efficiency driver
- High power 15 watt output
- Select 5 volume positions

Size (WxHxD): 8.5" x 9.5" x 13" Weight: 5 lbs.

Related items: All Public Address Amplifiers

1000184500
HORN

- All metal construction
- High efficiency driver
- 10 watt output power
- Excellent mic sensitivity

Size (WxHxD): 6" x 8" x 6.75" Weight: 6 lbs.

Related items: All Public Address Amplifiers

1000185100
HORN

- All metal construction
- High efficiency driver
- High power 30 watt output
- Select 5 volume positions

Size (WxHxD): 10.5" x 11" x 15" Weight: 5 lbs.

Related items: All Public Address Amplifiers

1000184200
HORN

- All metal construction
- High power 30 watt output
- Adjustable mounting bracket
- Clear audio reproduction

Size (WxHxD): 10.5" x 11" x 15" Weight: 6 lbs.

Related items: All Public Address Amplifiers

ACCESSORIES FOR PUBLIC ADDRESS

1000183000	1830 Ceiling Back Box for all 1800 series ceiling speakers
1000183100	1831 Ceiling Mount for 4" Speaker
1000183200	1832 Ceiling Mount for 8" Speaker
1000181300	Rack Mount Kit for 1806 and 1812 Amplifiers
1000181310	XLR-5 Microphone Kit
1000181320	Rack Mount Kit 1801and1803 Amplifiers

EXCHANGE ACCESSORIES
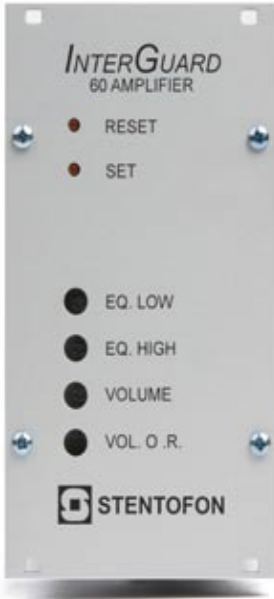
1009971000
INTERGUARD 60W AMPLIFIER, 100V LINE

- For background music, voice based alarm and announcements
- Can connect loudspeakers with a maximum load of 60W
- Volume override facility
- 19" rack mounting
- Up to 21 amplifiers in parallel

Size (WxHxD): 6.12" x 8.75" x 21" Weight: 2.6 lbs.

Related items: 1009101010 Subscriber Line Board, ASLT

1009990200
ANTI-STATIC WRIST STRAP

- Due to possible ESD damage we strongly recommend using the Antistatic Wrist-strap kit

1009703000
POWER SUPPLY, APWR - AC VERSION

- Needed if the AlphaCom E exchange has more than 102 subscribers
- Also if power redundancy is required and the exchange was originally equipped with an AC-power supply

Size (WxHxD): 3.7" x 9.2" x 9.6" Weight: 9.4 lbs.

Related items: All AlphaCom E20 and E26 Exchanges

1009960100
MICROPHONE AMPLIFIER FOR DYNAMIC MICROPHONE - MADER

- This board is used for features that involve calling through external loudspeaker (20-63 Ohm), and provides the possibility to answer through the called loudspeaker or through a separate loudspeaker or dynamic microphone
- Connects to a subscriber (ASLT) line

Size (WxHxD): 2.7" x 3.9" x 1.2" Weight: .22 lbs.

Related items: 1009101010 Subscriber Line Board ASLT

1000614100
POWER AMPLIFIER BOARD

- Designed to amplify the audio of an ASLT subscriber line
- Used standalone (speaker only), or in combination with a station to amplify the speaker signal
- Connects directly to the subscriber line
- Provides 20 Watt into 4 Ohm or 6 Watt into 20 Ohm
- Requires 24 VAC power

Size (WxHxD): 3.3" x 2.9" x 1.6" Weight: .44 lbs.

Related items: 1009101010 Subscriber Line Board ASLT

1009970200
MULTI RELAY BOARD, MRBD

- Relay board for control of external equipment, such as door opening, additional call indication, CCTV control etc.
- Equipped with 6 relays, each with two-poled change over contacts
- The relays are controlled by outputs in the exchange or from the RIO unit

Size (WxHxD): 4.8" x 3.0" x 1.2" Weight: .22 lbs.

Related items: All AlphaCom exchanges and/or 1009970500 Remote input/output controller - RIO

1009505000
FBSAR, FILTER BOARD AND SPEECH ADAPTER WITH RELAY

- Analogue interface board to Public Address (PA) system or to non-selective radio system
- Includes relay for controlling the PA system or keying the radio transmitter
- Two channels, the first channel supports both input and output signals and is suitable both as PA and mobile radio interface. The second channel is output only and is suitable for PA interface
- Connects to subscriber (ASLT) line
- Galvanic separation between the exchange and the external equipment

Size (WxHxD): 3.7" x 3.9" x .98" Weight: .22 lbs.

Related items: 1009101010 Subscriber Line Board ASLT

1009970500
REMOTE INPUT / OUTPUT CONTROLLER, RIO

- For connection of technical alarm inputs and distribution of remote control outputs within an AlphaCom E system
- Distributed I/O device with built in 8 remote control inputs and logic for 18 remote control outputs per unit
- Up to 140 alarm inputs within the same AlphaCom E exchange. Up to 30 RIO's can be connected to an exchange thereby controlling up to 500 RCO's

Size (WxHxD): 4.9" x 8.8" x 1.9" Weight: 1.2 lbs

Related items: All AlphaCom E Exchanges

1009970101
POWER DISTRIBUTION BOARD

- Used when it is necessary to supply power to external equipment such as MRBD or FBSAR

Size printcard (WxHxD): 5.1" x 3.9" x 1.2" Weight: .22 lbs.

Related items: All AlphaCom E26 Exchanges

1000107800
PAGE ADAPTER

- Talk Back from a Speaker
- Connection to a Paging System
- Connections via Screw Terminals

Size (WxHxD): 4.5" x 6" x 2.25" Weight: 1.1 lbs.

Related items: 1009101010 ASLT Board, Connection cabling kit (dependant on AlphaCom E version)

1000178300
SDR-115 BOARD

- Audio surveillance monitoring
- Automatic compensation for ambient noise
- Places call when audio threshold is reached

Weight: .05 oz

Related items: 1009101010 ASLT Board, Connection cabling kit (dependant on AlphaCom E version)

1000117000
TRANSIENT SUPPRESSION DEVICE

- Transient suppression protection for stations
- Two 1170's required per station

Size (WxHxD): ½" x 5" x 3 ¼"

Related items: 1000117100 transient suppression group strap, 1000965700 basic MDF block

1000179900	SDR-DR5 Rack
1000178400	SDR-DR10 Rack
1000178900	SDR-DR15 Rack
1000177800	SDR-DR20 Rack
1000177400	SDR-DR25 Rack

- 19" Rack for Mounting up to 25 SDR-114 or SDR 115 Boards
- Simple Installation via Screw Terminals

Size (WxHxD): 19" x 5.25" x 8" Weight: 6 lbs.

Related items: 1000111700 Power Supply

1000117100
TRANSIENT SUPPRESSION GROUND STRAP

- For interconnecting up to 10 transient (1170) suppression devices

Size (WxL): 1/2" x 28 ¼" Weight: 1 oz

Related items: 1000117000 transient suppression device

10001082C
RECORDING UNIT

- Records both sides of a conversation from traditional copper stations
- Provides a balanced output to a recording device
- Provides six channels per board

Size (WxHxD): 5" x 11" x 2 1/2" Weight: 2.5 lbs.

Related items:

1000111900
POWER SUPPLY

- Input: 117 VAC, 40 W
- Output: 1.2 A

Size (WxHxD): 2 1/2" x 4" x 1 3/4" Weight: 11.2 oz

Related items: 1000705300 Control Room (Rack) Master, 1000705301 Control Room (Desk) Master, CRMIV Series Masters

1000928910
POWER SUPPLY

- Provides 12 VAC, 830 mA
- UL Listed

Size (WxHxD): 2" x 2¾" x 1½" Weight: .6 lbs

Related items: 100092860M Exchange end fiber unit, 100092860MD Exchange end fiber unit

1000111700
POWER SUPPLY

- Voltage: 24 VDC
- Output: 2.1 A
- Input: 100-240 VAC, 50-60 Hz

Size (WxHxD): 2 3/4" x 4 1/2" x 2 1/4" Weight: 10.5 oz

Related items: SDR-DR Card Cage Racks

1000117300
TRANSIENT SUPPRESSION FIELD END ADAPTOR

- Allows for transient suppression protection at master station

Size (WxL): 11/16" x 12" Weight: .15 oz

Related items: Traditional STENTOFON master stations

1000928400
ENCLOSURE

- Metal enclosure for exchange end fiber units
- Mounts to any flat surface or wall

Size (WxHxD): 5" x 1 ½" x 9 ½" Weight: .75 lbs

Related items: 100092860M Exchange end fiber unit (Non LCD stations), 100092860MD Exchange end fiber unit (LCD stations)

1000928470
RACK

- Equipped initially for connection of four exchange end fiber units
- Expandable to handle 12 fiber units
- Screw terminal connections

Size (WxHxD): 19" x 5 ¼" x 12" Weight: 3.5 lbs

Related items: 1000928900 Power Supply, 1000928430 Mother Board

FIBER

100092860F
FIELD END UNIT

- Exchange end fiber unit for non LCD master stations and substations
- Requires 2 multi-mode fibers
- Includes 92840 metal enclosure and 92891 power supply

Size (WxHxD): 5" x 1 ½" x 9 ½" Weight: 1.35 lbs

Related items: 1000928470 19" fiber rack

100092860FD
FIELD END UNIT

- Exchange end fiber unit for non LCD master stations and substations
- Requires 2 multi-mode fibers
- Includes 92840 metal enclosure and 92891 power supply

Size (WxHxD): 5" x 1 ½" x 9 ½" Weight: 1.35 lbs

Related items: 1000928470 19" fiber rack

1000928430
MOTHER BOARD

- Provides connection for four exchange end fiber units
- Installs in 1000928470 Rack

Size (WxHxD): 5 7/8" x 2 5/8" x 1 1/8 Weight: .2 lbs

Related items: 1000928470 Fiber Rack

1000928900
POWER SUPPLY

- Provides 18 VDC, 3.9A
- UL Listed

Size (WxHxD): 2 1/4" x 5" x 1 1/8" Weight: 1.15 lbs

Related items: 1000928470 Fiber Rack

100092860M
EXCHANGE END

- Exchange end fiber unit for non LCD master stations and substations
- Supports station line monitoring
- Requires 2 multi-mode fibers

Size (WxHxD): 4 ½" x 7/8" x 8 ¾" Weight: .6 lbs

Related items: 1000928470 Fiber Rack, 1000928400 Metal Enclosure, 1000928910 Power Supply

100092860MD
EXCHANGE END

- Exchange end fiber unit for non LCD master stations and substations
- Supports LCD display functions and station line monitoring
- Requires 2 multi-mode fibers

Size (WxHxD): 4 ½" x 7/8" x 8 ¾" Weight: .6 lbs

Related items: 1000928470 Fiber Rack, 1000928400 Metal Enclosure, 1000928910 Power Supply

1000928700
DATA/AUDIO UNIT

- Provides 2 data circuits and 1 audio circuit
- Requires 2 multi-mode fibers
- Only available and provided in 92840 metal enclosure w/92891 power supply

Size (WxHxD): 5" x 1½" x 9 ½" Weight: 1.35 lbs

Related items:

CONNECTION MATERIAL

1009950100
LINE CONNECTION MODULE

- Easy to connect to AlphaCom E20 and E26. (See installation manual for E7)
- Terminates 6 ASLT or ATLB-12 cards on screw terminals for easy connection of installation wiring
- Provides 6 relay outputs connected to RCO's
- Provides options for 0dB and 600 Ohm audio interface to connect Public Address or radio system
- Supports 6 subscriber connection cards (36 intercoms or 72 analogue telephones)
- Integrated MRBD function supporting 6 remote control outputs
- Integrated FBSAR function for connecting Public Address or radio system
- Option to connect APC card in one subscriber card supporting 6 remote inputs and 6 audio program inputs
- Mounted on standard DIN rail

Size (WxHxD): 15.7 " x 3.3" x 1.9" Weight: 1.5 lbs.

Related items: 1009501011 1.5m flat ASLT Connection Cable with filter board, 1009503000 APC Connection Kit

1009501011
4.9 FT. FLAT ASLT CONNECTION CABLE WITH FILTER BOARD

- Complete with plug for Subscriber Connection Board
- This cable is normally used when the exchange is delivered with a distribution field

Weight: .03 lbs.

Related items: All AlphaCom E20 and E26 exchanges, 1009930200 Connection board for ASLT

100970124
CABLE HARNESS

- 50 pin male amphenol for AlphaCom E26 exchanges

Size (Length): 10 ft. Weight: 1.5 lbs.

Related items: Requires 1009712500 Cable Bracket Kit

1009712500
CABLE BRACKET KIT

- Used with 100970124 Cable Harness

Size (WxLxD): ½" x 5 3/16" x 2 3/8" Weight: .1 oz

Related items: 10097124 Cable Harness

1009930330
AGA ALPHANET CABLE KIT

- Cable and connection kit used for AlphaCom audio connections
- Used for AlphaNet traditional configuration

Weight: .5 lbs.

Related items:

1009930300
INSTALLATION SET, PROGRAM CONNECTION

- Connection set for expanding the number of audio program inputs
- Makes it possible to connect 16 program sources to the AGA board

Size printcard (WxHxD): 2.8" x 5.5" x .62" Weight: .22 lbs.

Related items: All AlphaCom E20 and E26 exchanges
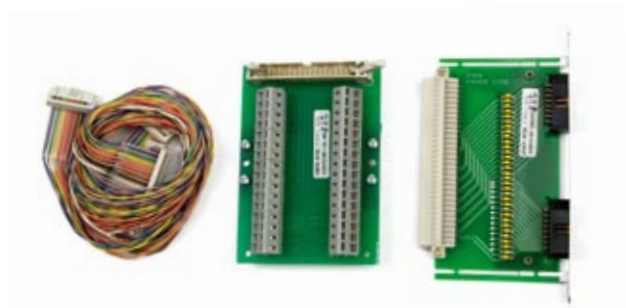
1009930200
CONNECTION BOARD FOR ASLT, KRONE TERMINALS

- Subscriber connection board for analogue stations
- Fits on distribution field or main distribution frame (MDF)

Size (WxHxD): 3.9" x 2.7" x 1.1" Weight: .22 lbs.

Related items: 1009501011 1.5m flat ASLT Connection Cable with filter board, 1009501014 3m flat ASLT Connection Cable with filter board, 1009101010 Subscriber Line Board, ASLT
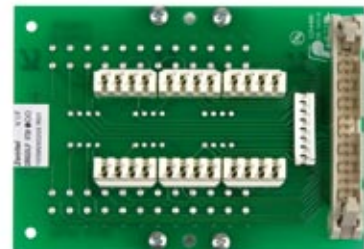
1009501100
CONNECTION KIT ASLT / AGA / AE1 / ATLB

- This kit contains the necessary connectors for connection of the installation cable to the back plane of the AlphaCom M and AlphaCom E7 exchange

Weight: .22 lbs.

Related items: AlphaCom E7 exchange

1009503000
APC CONNECTION KIT

- Consisting of APC filter card and APC connection board
- This kit is required to access the 6 remote control input and 6 audio program inputs of the APC

Weight: .66 lbs.

Related items: All AlphaCom E20 and E26 exchanges

SYSTEM MANAGEMENT

ALPHAPRO

AlphaPro is the tool for configuring the AlphaCom E system. It is self contained, simple to install and easy to use.
When a new exchange is to be configured, the exchange is given a working default factory setting.

The operator can then modify the settings such as:
- Directory (type of station, line interface, display name and more)
- Define groups (cell groups, guard groups)
- Interface to CCTV, PA, paging, DECT
- AlphaNet
- And other custom behaviour

There are currently over 100 defined features which can be programmed with AlphaPro.

AlphaPro is an off-line tool. This means that it is possible to enter all parameters without the necessity of being connected to the exchange. Once all
parameter are entered, AlphaPro can be connected to the exchange and the parameters can be sent. AlphaPro can also upload configuration information
from an exchange.

- AlphaPro connects to an exchange via the IP network or a local RS232 interface
- AlphaPro E7 runs without a hardware key. It gives access to all features except AlphaNet, but only for 36 subscribers

AlphaPro Professional uses the Professional hardware key. It gives access to all features for all stations. This version must be used when extensive changes to the autoload are required.	
1009291120	AlphaPro professional, USB dongle

SPARES

1009201000
PROCESSOR BOARD, AMC - VERSION 9

- This board contains software and hardware controlling the AlphaCom system

Size (WxHxD): 9.0" x 10.3" x .39" Weight: 1.1 lbs.

Related items: AlphaCom M, 80+ and 138

1009301010
PROGRAM & CLOCK BOARD, APC

- Equipped with microcontroller for High Availability exchange

Size (WxHxD): 9.0" x 10.3" x .39" Weight: 1.1 lbs.

Related items: 1009626001 AlphaCom E26 High Availability, 1009626002 AlphaCom E20/E26 High Availability

1009305000
AE1 DIGITAL NETWORK CARD

- The AE1 card provides digital networking using E1/T1 lines
- The card can be used for AlphaNet or multimodule linking
- The board provides fractional E1/T1 multiplexing capabilities
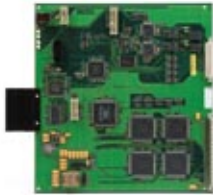
Size (WxHxD): 9.0" x 10.3" x .39" Weight: 1.1 lbs.

Related items: 1009509000 Installation set for AE1

A100C07814
PSU FOR THE ALPHACOM M AND ALPHACOM E7

- Power Supply Board for AlphaCom M and E7

1009509000
INSTALLATION SET FOR AE1

- Filter board and cable for AE1 card

1009301000
PROGRAM & CLOCK BOARD, APC

- This board controls the back plane board clocking
- It also controls the speed of the fans
- Contains circuitry for 6 audio program feed channels with galvanic isolation

Size (WxHxD): 9.0" x 10.3" x .39" Weight: 1.1 lbs.

Related items: AlphaCom 80+ and 138, AlphaCom E20 and E26

1009102000
SUBSCRIBER LINE BOARD, ATLB

- Each board provides 6 analogue telephone (DTMF) connections

Size (WxHxD): 9.0" x 10.3" x .39" Weight: 1.1 lbs.

Related items: 1009930202 Connection Board for ATLB - Krone terminals, 1009501031/34 Flat ATLB Connection Cable with filter board

1009930202
CONNECTION BOARD FOR ATLB, KRONE TERMINALS

- Subscriber connection board for analogue DTMF telephones
- Fits on distribution field or main distribution frame (MDF)
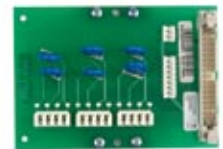
Size (WxHxD): 3.9" x 3.0" x 1.1" Weight: .22 lbs.

Related items: 1009501031 1.5m flat ATLB Connection Cable with filter board, 1009501034 3m flat ATLB Connection Cable with filter board, 1009102000 Subscriber line board - ATLB

1009501031
4.9 FT FLAT ATLB CONNECTION CABLE WITH FILTER BOARD

1009501034
9.8 FT FLAT ATLB CONNECTION CABLE WITH FILTER BOARD

- Complete with plug for Subscriber Connection Board
- This cable is normally used when the exchange is delivered with a distribution field

Weight: .22 lbs.

PRO 700

STENTOFON

Pro700 is a direct speech intercom system for handsfree, internal communication with up to 40 subscribers. The system has no central or exchange unit - all stations provide an extensive range of standard and optionally programmable features. Each station is individually programmable, giving full flexibility regarding features and extension numbers.

Pro700 is equipped with one conversation link. Pro700 is an "all-to-all" system. From any master station it gives the caller immediate connection to any other master or substation in the system.

The system allows for simple integration with radio and Public Address systems, and a hidden button for silent alarm and emergency calls.

AA711
DESK/WALL MASTER STATION

- Loudspeaking handsfree
- Built-in microphone and loudspeaker
- Full keyboard. Moving rubber keys
- Soft speaking/confidential. Lift up as a telephone handset
- Easily programmable via internal switches
- Built-in relay for control of camera, door lock, etc.
- Hang on the wall by using the wall bracket GF732
- Cabinet is cast in high-grade, impact resistant ABS plastic
- External 20 Ohms loudspeaker can be connected

Size (WxHxD): 2.6" x 8.8" x 1.7" Weight: .66 lbs.

Related items: GF732 Wall Bracket for AA711, 1000000610 Station Cord, 1000000612 MOS-80 Receptacle, 1000000613 MOW-80 Receptacle

AA702
WALL MASTER STATION

- Loudspeaking handsfree
- Built-in loudspeaker and microphone
- Surface mounted on the wall
- Full keyboard, moving rubber keys

- Can be flush mounted by use of the clip-on frame BF636
- Easily programmable via internal switches
- Cabinet is cast in high-grade, impact resistant ABS plastic
- External 20 Ohms loudspeaker can be connected

Size (WxHxD): 3.1" x 8.6" x 2.0" Weight:.88 lbs.

Related items: BF636 Front plate for flush mounting, BF635 Backbox Plaster, 1000602000 Flush Back Box

AA703
INDUSTRIAL MASTER STATION

- Loudspeaking handsfree
- Built-in loudspeaker and microphone
- Surface mounted on the wall
- Full keyboard. Folio type
- Splashproof for dirty in/outside conditions
- Cabinet is made of a flame retardant and chip-resistant casing of durable Bayblend plastic
- Easily programmable via internal switches
- Built-in relay for control of camera, door lock, etc
- External 20 Ohms loudspeaker can be installed
- An optional 10 watts amplifier FC740 for external loudspeaker can be plugged in, inside the station cabinet

Size (WxHxD): 4.8" x 9.6" x 2.4" Weight: 1.7 lbs

Related items: FC740 10W Internal Amplifier Module

AA704
CONSOLE MASTER STATION

- Built in loudspeaker and microphone, folio keyboard is in UV cured PVC with adjustable backlight
- For console flush mounting or surface wall mounted
- Easily programmable via internal switches
- External 20 Ohms loudspeaker can be installed
- An optional 10 watts amplifier FC740 for external loudspeaker can be plugged in from the backside

Size (WxHxD): 4.9" x 11.0" x 1.9"   Weight: .22 lbs.

Related items: 1000603000 On Wall Backbox, FC740 10W Internal Amplifier Module, 1000602000 Flush Back Box

AA706
CLEAN ROOM STATION

- Built-in loudspeaker and microphone
- For flush or wall mounting
- Flat chemical resistant and anti-bacterial front surface for easy cleaning
- Full keyboard, folio type
- Built-in relay for control of camera, door-lock etc.

Size (WxHxD): 4.9" 11.0" x 1.9"   Weight: 1.9 lbs.

Related items: 1000603000 On Wall Backbox, 1000602000 Flush Back Box

AA705
HEAVY INDUSTRIAL MASTER STATION

- Built-in noise cancelling microphone
- External loudspeaker must be installed
- Internal amplifier output 3 watts
- Surface mounted
- Full keyboard, folio type
- Splash proof for dirty in/outside conditions
- Cabinet is made of makrolon plastic
- Easily programmable via internal switches
- Built-in relay for control of camera, door lock, etc
- An optional 10 watts amplifier FC740 for the external loudspeaker can be plugged in, inside the station cabinet

Size (WxHxD): 6.2" x 9.4" x 5.3" Weight: 2.2 lbs.

Related items: FC740 10W Internal Amplifier Module

AB709
WALL SUBSTATION, 3 DIRECT DIAL BUTTONS

- Built-in loudspeaker and microphone
- Can be flush mounted
- Easily programmable via internal switches
- Cabinet is cast in high-grade, impact resistant ABS plastic
- External 20 Ohms loudspeaker can be installed

Size (WxHxD): 3.1" x 8.6" x 2.0" Weight: .88 lbs.

Related items: BF636 Front plate for flush mounting, 1000602000 Flush Back Box

AB708
WALL SUBSTATION, 1 DIRECT DIAL BUTTON

- Built-in loudspeaker and microphone
- Can be flush mounted
- Easily programmable via internal switches
- Cabinet is cast in high-grade, impact resistant ABS plastic
- External 20 Ohms loudspeaker can be connected

Size (WxHxD): 3.1" x 8.6" x 2.0" Weight: .88 lbs.

Related items: BF636 Front plate for flush mounting, 1000602000 Flush Back Box

AB731
TAMPER RESISTANT STATION, 1 CALL BUTTON, SURFACE

- Built-in loudspeaker and microphone
- Indoor use
- 1 call button, moving steel key
- Easily programmable via internal switches

- Cabinet is made of 2 mm stainless steel
- Built-in relay for control of camera, door lock, etc
- External 20 Ohms loudspeaker can be connected
- It comes with a light back box for EMC protection

Size (WxHxD): 3.5" x 7.0" x 2.5" Weight: 3.3 lbs.

Related items: DP996 Scream alarm module

AB731-F
TAMPER RESISTANT STATION, 1 CALL BUTTON, FLUSH

- Built-in loudspeaker and microphone
- Indoor use
- 1 call button, moving steel key
- Easily programmable via internal switches
- Front plate, 3 mm stainless steel

- Built-in relay for control of camera, door lock, etc
- External 20 Ohms loudspeaker can be connected
- It comes with a light back box for EMC protection

Size (WxHxD): 5.1" x 8.6" x 2.3" Weight: 1.9 lbs.

Related items: BF934 Backbox Plaster, DP996 Scream Alarm Module

AB731A
DOOR STATION, 1 CALL BUTTON, SURFACE

- Built-in loudspeaker and microphone
- Outdoor use
- 1 call button, moving steel key
- Easily programmable via internal switches

- Cabinet is made of 1.5 mm stainless steel
- Built-in relay for control of camera, door lock, etc
- External 20 Ohms loudspeaker can be connected

Size (WxHxD): 3.5" x 7.0" x 2.5"   Weight: 3.3 lbs.

Related items: DP996 Scream Alarm Module

AB731A-F
DOOR STATION, 1 CALL BUTTON, FLUSH

- Built-in loudspeaker and microphone
- Outdoor use
- 1 call button, moving steel key
- Easily programmable via internal switches
- Front plate, 1.5 mm stainless steel

- Built-in relay for control of camera, door lock, etc
- External 20 Ohms loudspeaker can be connected
- For flush mounting and comes with a light backbox for EMC protection

Size (WxHxD): 5.1 x 8.6" x 2.5" Weight: 1.9 lbs.

Related items: BF934 Backbox Plaster, DP996 Scream Alarm Module

BC735
MULTIPURPOSE UNIT

- External loudspeaker and microphone must be connected
- No keyboard
- Splashproof for dirty in/outside conditions
- Cabinet is made of a flame retardant and chip-resistant casing of durable Bayblend plastic

- Easily programmable via internal switches
- Built-in relay for control of camera, door lock, etc
- External 20 Ohms loudspeaker must be installed
- External microphone or handset must be installed

Size (WxHxD): 4.8" x 9.6" x 2.4" Weight: 1.7 lbs.

Related items: FC740 10W Internal Amplifier Module, BC735R Relay Board

BD702
SUBSTATION KIT

- Based on PCB for station AB731
- 2 x complete PCB's including relay and microphone
- Speaker and speaker housing
- Microphone housing

Size printcard (WxHxD): 5.5" x 1.5" x 2.5"   Weight: .66 lbs.

Related items: DP996 Scream Alarm Module

PRO211
HANDSET, WALL MOUNT

- For wall mounting

Size (WxHxD): 3.1" x 9.4" x 6.1"   Weight: 1.9 lbs.

Related items: AA703 Industrial Master Station

PRO-36-PEL
HEADSET W 10M CABLE

- Includes switchbox with ON/OFF and Talk push-button w/ belt clip
- Standard with 10 meter cable
- To be used in noisy areas

Weight: 2.4 lbs.

Related items: For stations AA703/AA704/AA705/BC735

1000603000
SURFACE BACKBOX

- AA704 and AA706

Size (WxHxD): 5.3" x 11.8" x 2.5"   Weight: 1.1 lbs.

Related items: For stations AA704 and AA706

GD745
HANDSET, SURFACE

- In-door use

Size (WxHxD): 3.1" x 9.4" x 6.1"   Weight: 1.9 lbs

Related items: For stations A703/AA704/AA705, BC735

PRO221
HANDSET, FLUSH

- Used together with main station AA704 for flush mounting in consoles
- In-door use

Size (WxHxD): 3.1" x 11.0" x 4.9"   Weight: 1.4 lbs.

Related items: AA704 Console Master Station

CD-7
PLUGBOX WATER TIGHT

- Used together with PRO-36-PELP, portable headset
- Socket with dustcap
- Headset with ON/OFF button
- Delivered for bulkhead mounting
- Is suitable for installation in noisy areas

Size (WxHxD): 3.1" x 4.3" x 2.4"   Weight: .88 lbs

Related items: PRO-36-PELP Headset w 10m cable and plug

PRO-36-PELP
HEADSET W 10M CABLE AND PLUG

- Headset for connection to CD-7 Plug Box for PRO-36-PELP
- Includes switchbox with ON/OFF and Talk push-button w/ belt clip
- Standard with 10 meter cable and plug 4 pin Amphenol
- To be used in noisy areas

Weight: 2.4 lbs.

Related items: For stations AA703/AA704/AA705/BC735, CD-7

BF636
FRONT PLATE FOR FLUSH MOUNTING

- Snap on ring for flush mounting

Size (WxHxD): 5.5" x 11.0" x .17"   Weight: .22 lbs.

Related items: For stations AA702, AB708, AB709

GF732
WALL BRACKET FOR AA711

- For wall mounting

Size (WxHxD): 2.3" x 3.9" x 1.5" Weight: .44 lbs.

Related items: AA711 Desk/wall master station

GH750
MULTIPURPOSE RELAY UNIT, CAMERA SWITCH

- 8 programmable relays for operation of camera when calling stations

Size (WxHxD): 5.7" x 8.6" x 2.5" Weight: .22 lbs.

Related items: CCTV cameras, Signal Units etc. (source locally)

HD752
AUDIO INTERFACE UNIT

- Public Address and Radio Interface

Size (WxHxD): 8.6" x 2.5" 5.7" Weight: .22 lbs.

Related items: PA amplifiers, eg VPA-120, VPA-240, VPA-400 or radio stations

HD754
TELEPHONE INTERFACE

- Selective calling from telephone line
- One pre-programmed no. to telephone
- Programmable via standard laptop

Size (WxHxD): 9.4" x 2.3" x 6.2"   Weight: .22 lbs.

Related items: Traditional telephones (source locally)

1000000613
MOW-80 RECEPTACLE

- 8 pin modular, flush mount in single gang electrical back box

Weight: .1 lbs.

Related items: AA711 Desk/wall Master Station

1000000612
MOS-80 RECEPTACLE

- 8 pin modular, surface mount or inside wall box

Weight: .1 lbs.

Related items: AA711 Desk/wall Master Station

BF635
BACKBOX FOR STATIONS, FLUSH

- For concrete mounting

Size (WxHxD): 4.4" x 10.4" x 2.3"   Weight: .66 lbs.

Related items: For stations AA702, AB708, AB709

BF934
BACKBOX FOR STATIONS, FLUSH

- For concrete mounting

Size (WxHxD): 5.2" x 4.0" x 2.3" Weight: .66 lbs.

Related items: For stations AB731-F and AB731A-F

BC735R
RELAY BOARD

- Relay Board for BC735
- Allows Speaker to Dynamic Microphone

Size (WxHxD): 4.4" x .55" x 2.3" Weight: .22 lbs.

Related items: BC735

DP996
SCREAM ALARM MODULE

- Plug on PCB inside the station
- Automatic dialing triggered by voice level recognition

Size (WxHxD): 4.4" x .55" x 2.3" Weight: .22 lbs.

Related items: For stations AB731, AB731-F, AB731A, AB731A-F

1000000610
STATION CORD

- 8 pin modular both ends, 9 ft.

BF642
CORD, 2M SPIRAL, 8 WIRE, RJ45-RJ45

QHF1028
SNAKE EYE TOOL

- Tool for fastening snake eye screws

Weight: .66 lbs.

Related items: For stations AB731/731A

1000111700
POWER SUPPLY

- Voltage: 24 VDC
- Output: 2.1 A
- Input: 100-240 VAC, 50-60 Hz

Weight: 10.5 oz

Related items: Typically one per PRO700 system

1000111600
POWER SUPPLY

- 4 amp 24 volt DC power supply
- 3-prong AC power cord
- Universal binding posts

Weight: 6.5 lbs

FC740
10 WATT INTERNAL AMPLIFIER MODULE

- Plug on PCB inside the station

Size (WxHxD): 3.7" x 1.1" x 3.5" Weight: 2.0 lbs.

Related items: For stations AA703/AA704/AA705/BC735

BI-WAY

STENTOFON

The Bi-Way system solves the communication problem between people on both sides of security glass partitions. The built-in duplex controller switches the speech direction to permit natural two-way conversation in varying noise levels, on either side of the counter, without push buttons.

The Bi-Way system provides a safe, hygienic, efficient and comfortable working environment for counter personnel and makes normal conversation and personal service possible, while maintaining security.

Bi-Way two-way conversation is suitable for communicating with callers, visitors or customers, and prevents employees being put at risk. The system is renowned for its excellent sound quality.

LBB7026/65
BI-WAY STARTER KIT

- This kit consists of an LBB 7026/60 Operator's unit, the LBB 7026/73 External microphone, the LBB 7026/80 Loudspeaker kit and the LBB 7102/60 Power supply
- The Operator's unit includes a microphone select button for switching to an optional microphone, stand-by button to set the system in reduced volume listening mode, push-to-talk button and an ON/OFF button

LBB 7026/60
BI-WAY OPERATORS UNIT

- This unit contains all the electronics for one counter position including microphone and loudspeaker
- The unit is designed for desk or flush mounting

Size (WxHxD): 3.6" x 8.8" x 2.5" Weight: .66 lbs.

Related items: LBB 7073/70 Flush mount frame to operators unit

LBB 7026/80
BI-WAY LOUDSPEAKER KIT

- 2 loudspeaker cabinets with self-adhesive tape and 32.8 ft. flexible loudspeaker cable
- Includes alco-pad for screen cleaning

Size (WxHxD): 4.1" x 4.1" x 2.8"   Weight: .44 lbs.

Related items: LBB 7026/60 BI-Way operators unit

LBB 7026/73
BI-WAY MICROPHONE KIT

- Unidirectional and noise cancelling microphone for connection to the operator's unit to improve flexibility

Weight: .22 lbs.

Related items: LBB 7026/60 BI-Way operators unit

LBB 7026/71
BI-WAY GOOSENECK MICROPHONE

- Optional directional microphone for extreme noise conditions
- Frequency range: 100 - 10,000 Hz, impedance 1,000 Ohms

Size (LxD): 12.5" x .47" Weight: .22 lbs.

Related items: LBB 7026/60 BI-Way operators unit

LBB 7026/83
BI-WAY HEADSET

- Headset with microphone for connecting to the Bi-Way operator's unit
- Supplied headset may have a slight different design

Weight: .22 lbs.

Related items: LBB 7026/60 BI-Way operators unit

LBB 7026/81
BI-WAY FLUSH-MOUNT LOUDSPEAKER KIT

- Optional 6 W loudspeakers for flush-mount applications in desk or wall
- Impedance: 20 Ohms

Size (Diam x D): 6.2" x 2.2" Weight: 1.5 lbs.

Related items: LBB 7026/60 BI-Way operators unit

1000111900
POWER SUPPLY

- Input: 117 VAC, 40 W
- Output: 12 VDC 1.2A
- UL listed

Weight: 11.2 oz

Related items: LBB 7026/60 BI-Way operators unit

LBB 7073/70
FLUSH MOUNT FRAME TO OPERATORS UNIT

- Flush-mount frame for operator's unit
- Desk or wall mounting

Size (WxHxD): 5.1" x 10.4" x .70"

Related items: LBB 7026/60 BI-Way operators unit

LBB 7073/84
CRADLE BRACKET

- For table-top use of the Bi-Way operator's unit

Weight: .66 lbs.

Related items: LBB 7026/60 BI-Way operators unit, LBB 7073/70 Flush mount frame to operators unit

LBB 7026/82
BI-WAY HEARING AID KIT

- Hearing aid loop antenna and amplifier
- To be used with 230 V/12 V AC, 8 W power supply

Weight: 1.1 lbs.

Related items: LBB 7102/63 PSU, LBB 7102/64 PSU

LBB 7073/82
HANDSET WITH CRADLE

- Optional handset for wall mounting in difficult noisy conditions or for situations where confidentiality is required

Weight: .88 lbs.

Related items: LBB 7026/60 BI-Way operators unit

LBB 7073/61
FLUSH-MOUNT BACK BOX - 60MM

- For flush mounting of the Bi-Way operator's unit, station cord and termination included
- The Bi-Way operator's unit needs a flush mount frame

Size (WxHxD): 4.7" x 10.0" x 2.3"

Related items: LBB 7026/60 BI-Way operators unit, LBB 7073/70 Flush mount frame to operators unit

9400

The 9400 is a simplex intercom system designed for institutional and correctional markets. 9400 is normally controlled by one or two master stations. The 9400, with its data interface capabilities, can easily be connected to an AlphaCom E system allowing for multiple AlphaCom LCD stations to answer calls from 9400 substations. Substations used on the 9400 system consist of the STENTOFON 9600 series of stations. Two audio links or speech channels are available in the 9400 as well as an All Call and seven Group Calls. Text is associated with each substation to show its location. The 9400 can be interfaced via data and audio to a P.C. for custom installation.

1000945300
LCD MASTER STATION

- Desk console with keyboard, function keys, optional handset and backlit 2 x 12 character display
- Call-in annunciation with number and name display
- Queuing of calls according to arrival time
- Call request tone and call waiting reminder tone
- Special function keys for Answer Next, Scroll through queue and an optional control key
- Electret microphone and built in 3 watt amplifier for its 45 ohm speaker

Size (WxHxD): 14" x 3" x 7" Weight: 7 lbs.

Related items: 1000940100 card rack, 1000111900 power supply, 1000138610 data controlled board

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1000962000
TAMPER RESISTANT SUBSTATION

- Clear, two-way communications
- Rugged stainless steel faceplate
- No-penetration speaker grille
- Heavy-duty call-in button

Size (WxHxD): 6 3/10" x 4 1/2" x 2 1/2" Weight: 1.8 lbs.

Related items: 1000945000 intercom module line board
Requires 3-gang electrical back box of 2.5" provided by others

1000962100
TAMPER RESISTANT SUBSTATION

- Clear Two-Way Communications
- Rugged Stainless Steel Faceplate
- No-Penetration Speaker Grille
- Heavy Duty Call-In Button

Size (WxHxD): 4.5" x 4.5" x 2.5" Weight: 1.4 lbs.

Related items: 1000945000 intercom module line board
Requires 2-gang electrical back box of 2.5" provided by others

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1000962567
TAMPER RESISTANT SUBSTATION

- Large red mushroom button
- 11 gauge stainless steel faceplate
- No-penetration speaker grill

Size (WxHxD): 8 1/2" x 11 3/4" x 3" Weight: 4 lbs.

Related items: 1000945000 intercom module line board, 1600 series stanchions, 1040 series back boxes
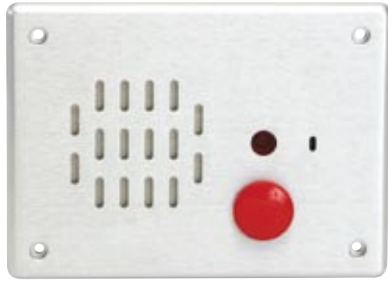
1000962700
ELEVATOR SUBSTATION

- Hi-Fidelity Loudspeaker
- Designed For Elevator Use

Size (WxHxD): 4" x 8" x 1.9" Weight: 1 lbs.

Related items: 1000945000 intercom module line board

1000962570
TAMPER RESISTANT SUBSTATION

- Large red mushroom button
- Rugged .25" brushed aluminum faceplate
- No-penetration speaker grill

Size (WxHxD): 7.5" x 5.5" x 2.5" Weight: 1.85 lbs.

Related items: 1000945000 intercom module line board,
1000629910 Back Box

1000962600
CEILING SUBSTATION

- Enhanced Sound Monitoring
- Wide Frequency Response
- Heavy Duty Construction

Size (WxD): 7 7/8" x 3 1/2" Weight: .7 lbs.

Related items: 1000945000 intercom module line board,
1000183100 ceiling mount, 1000183000 ceiling back box

SOUND DETECTION 9400 SYSTEM

9400 RACK	
1000179900	SDR-DR5 Rack
1000178400	SDR-DR10 Rack
1000178900	SDR-DR15 Rack
1000177800	SDR-DR20 Rack
1000177400	SDR-DR25 Rack
1000178800	SDR-DPB5 Expander Module
1000171500	SDR Edge Connector

- 19" Rack for Mounting up to 25 SDR-114 or SDR 115 Boards
- Simple Installation via Screw Terminals

Size (WxHxD): 19" x 5.25" x 8" Weight: 6 lbs.

Related items: 1000178500 SDR-114 board

1000111700
POWER SUPPLY

- Voltage: 24 VDC
- Output: 2.1 A
- Input: 100-240 VAC, 50-60 Hz

Size (WxHxD): 2 3/4" x 4 1/2" x 2 1/4" Weight: 10.5 oz

Related items: SDR-DR series racks

1000178500
SDR-114 BOARD

- Audio Surveillance Monitoring
- Advanced Audio Threshold Detection
- Three Levels of Discrimination

Size (LxDxH): 3" x 3 5/8" x 5" Weight: .2 lbs.

Related items: SDR-DR series racks

FIBER FOR 9400 SYSTEM

100092850M
MASTER END UNIT

- Master end interface

Size (WxHxD): 4 7/8" x 1 ½" x 9 ½" Weight: 1.3 lbs.

Related items: 1000928470 rack, 100092850F field unit, 9600 series substations

100092850F
FIELD UNIT

- Field (station end) interface

Size (WxHxD): 4 7/8" x 1 ½" x 9 ½" Weight: 1.3 lbs.

Related items: 100092850M Master end unit, 9600 series substations

1000928700
DATA AND AUDIO UNIT

- Provides RS 232/422 data
- Provides 1 600 ohm 4 wire transformer isolated audio line

Size (WxHxD): 4 7/8" x 1 ½" x 9 ½" Weight: 1.3 lbs.

Related items: Consult STENTOFON USA Application Engineering for use

1000928400
ENCLOSURE

- Single unit enclosure for fiber

Size (WxHxD): 4 7/8" x 1 ½" x 9 ½" Weight: .75 lbs.

Related items: 100092850M master end unit

1000928470
RACK

- 19" rack with one four position mother board

Size (WxHxD): 19" x 5 ¼" x 11 7/8" Weight: 3.4 lbs.

Related items: 1000928900 power supply, 100092843 mother board

1000928900
POWER SUPPLY

- Provides 18 VDC, 3.9A
- UL listed

Size (WxHxD): 3 ¼" x 6 ½" x 1 ½" Weight: 2.3 lbs.

Related items: 1000928470 rack

1000928910
POWER SUPPLY

- Provides 12 VAC, 830 mA
- UL listed

Size (LxWxD): 2 ¾" x 1 15/16" x 1 9/16" Weight: .6 lbs.

Related items: 100092850F fiber unit

1000928430
MOTHER BOARD

- Four position mother board to expand 92847

Size (LxHxD): 5 7/8" x 2 5/8" x 1 1/8" Weight: .2 lbs.

Related items: 1000928470 rack

ACCESSORIES FOR 9400 SYSTEM

1000940100
CARD RACK

- 19 Inch Card Rack for the 9400 Modules
- Position for one of the 9490 Series Power Supplies
- Position for one 9440 IMCB Controller

Size (WxHxD): 19" x 10.5" x 10" Weight: 3.5 lbs.

Related items: 10009490X0 series power supply, 1000944000 intercom controller board, 1000945000 intercom module line board

1000949010
POWER SUPPLY

- One amplifier
- Plug-in power supply for the 9400 intercom module
- Provides 5, 12 and 24 volts DC for the module
- Power supplied are din rail types

Size (WxHxD): 2.65" x 10.0" x 7.8" Weight: 3.2 lbs.

Related items: 1000940100 Card Rack

1000944000
INTERCOM CONTROLLER BOARD

- Module control software in micro controller
- Customer programming on Eproms
- Programmable from PC

Size (WxHxD): 0.75" x 10.0" x 7.8" Weight: .7 lbs.

Related items: 1000940100 Card Rack

1000945700
CONNECTION CABLE

- Provides interface between IDC connectors on back of 9400 module and the field wiring

Weight: 0.1 lbs.

Related items: 1000940100 card rack, 1000945000 intercom module line board, 1000965700 basic MDF block

1000949000
POWER SUPPLY

- Plug-in power supply for the 9400 intercom module
- Provides 5, 12 and 24 volts DC for the module
- Power supplied are din rail types

Size (WxHxD): 2.65" x 10.0" x 7.8" Weight: 3 lbs.

Related items: 1000940100 Card Rack

1000949020
POWER SUPPLY

- Two amplifiers
- Plug-in power supply for the 9400 intercom module
- Provides 5, 12 and 24 volts DC for the module
- Power supplied are din rail types

Size (WxHxD): 2.65" x 10.0" x 7.8" Weight: 3.5 lbs.

Related items: 1000940100 Card Rack

1000945000
INTERCOM MODULE LINE BOARD

- Line control software in micro controller
- Controls 10 intercom zones
- Two uncommitted inputs and outputs

Size (WxHxD): 0.75" x 10.0" x 7.8" Weight: .6 lbs.

Related items: 1000940100 card rack, 1000945700 connection cable, 1000965800 cable and connector, 1000965700 basic MDF block

1000965800
CABLE AND CONNECTOR

- Allows connection between 94570 cable on 9400 with field wiring

Weight: 2.45 lbs.

Related items: 1000945700 connection cable, 1000945000 intercom module line board, 1000965700 basic MDF block

1000965700
BASIC MDF BLOCK

- Allows connecting of 96580 cable with field wiring

Size (LxWxD): 13 3/8" x 2 7/7" x 1 ¼" Weight: 1.6 lbs.

Related items: 1000968500 cable and connector, 1000945700 connection cable

1000948500
PAGE ADAPTOR

- Zone control software in Micro controller
- Controls 10 zones of 25 V paging
- Each zone can drive up to 15 watts of 25V speakers

Size (WxHxD): .75" x 10" x 7.8" Weight: .5 lbs.

Related items: 1000940100 card rack, 1000945700 connection cable, 1000965800 cable and connector

1000106700
POWER SUPPLY

- Voltage: 12 VDC
- Input: 500 mA

Size (WxHxD): 2" x 2 1/2" x 1 3/4" Weight: 8.4 oz

Related items: 1000138610 data combiner board

1000962900
SUBSTATION BOARD

- Used to convert 45 ohm speaker and open push button to a 9400 substation

Size (WxHxD): 1 7/8 x 2 7/8" x ½" Weight: .1 lbs.

Related items: 1000945000 intercom module line board

1000096283
SPEAKER INTERFACE

- Provides Interface to Horn
- Compact Housing
- Easy to Install

Size (WxHxD): 4.625" x 2.75" x 1.0" Weight: .2 lbs.

Related items: 1000945000 intercom module line board

1000138610
DATA COMBINER BOARD

- 4:1 data ratio
- Simple Installation
- Buffers Multiple Inputs

Size (WxHxD): 9.5" x 6.5" x 2" Weight: 1.35 lbs.

Related items: 1000106700 power supply

1000962800
SPEAKER(HORN) INTERFACE

- Provides Interface to Horn
- Compact Housing
- Easy to Install
- Flexible Use

Size (WxHxD): 4.625" x 2.75"x 1.0" Weight: .4 lbs.

Related items: 1000945000 intercom module line board

1000178500
SDR-114 BOARD

- Audio Surveillance Monitoring
- Advanced Audio Threshold Detection
- Three Levels of Discrimination

Size (LxDxH): 3" x 3 5/8" x 5" Weight: .2 lbs.

Related items: SDR-DR series racks

1000948210
AUDIO INTERFACE BOARD

- Allows connection of ASLT station port from AlphaCom system to 9400

Size (LxWxH): 7 ¼" x 4 5/8" x 2 3/8" Weight: .8 lbs.

Related items: 1000940100 card rack

# GS-400

GS-400 is a simple one-to-one intercom system used in hospitals and medical facilities. GS-400 is a simplex system where the master station monitors the audio from the substation location normally located in a procedure room or sleep lab. The system is easy to install requiring only 3-pair of wire. GS-400 options include headset, footswitch for master, substations and ceiling substations.

1000141000
DESK MASTER

- Clear one-to-one intercom
- Advanced audio electronics
- Decorator style aluminum housing
- Microphone with a preamplifier

Size (WxHxD): 4" x 2 1/4" x 10 1/4" Weight: 2.5 lbs.

Related items: 10001068 Power Supply
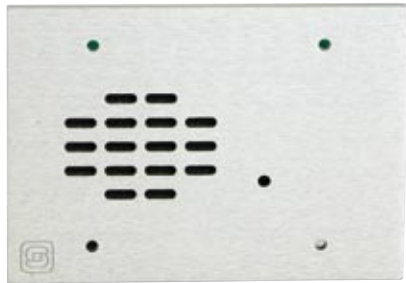
1000142000
SUBSTATION

- Economical aluminum faceplate
- Microphone with a preamplifier
- Excellent audio sensitivity

Size (WxHxD): 6 3/10" x 4 1/2" x 2 1/2" Weight: 1.4 lbs.

Related items: 1000141000 Desk Master, 3-Gang electrical back box with depth of 2.5" provided by others

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1000141200
HEADSET

- Lightweight
- Quick disconnect

Weight: .5 lbs.

Related items: 1000141000 Desk Master

1000142600
CEILING SUBSTATION

- Enhanced Sound Monitoring
- Wide Frequency Response
- Heavy Duty Construction

Size: 7 7/8" round x 3 1/2" deep Weight: 1.5 lbs.

Related items: 1000141000 Desk Master, 1000183000 Ceiling Back box, 10001831000 Ceiling Mount

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1000141300
FOOTSWITCH

- Compact
- All metal
- 8' cable/1/4'" phone jack

Weight: .7 lbs.

Related items: 1000141000 Desk Master

1000106800
POWER SUPPLY

- Clean DC Power
- Rated Class 2 Transformer
- Built-in AC Plug-in

Size (WxHxD): 2.5" x 2.5" x 2.5" Weight: 1.2 lbs.

Related items: 1000141000 Desk Master

REPAIRS

Repairs are available for the following items.

ALPHACOM EXCHANGE
a. AMC Processor Boards
b. AGA Boards
c. APC, ASVP Boards
d. AlphaCom power supplies
e. AlphaCom E7 and AlphaCom M power supplies
f. RIO and amplifier boards
g. ASLT boards
h. Master Stations
i. IP Master Stations
j. Substations
k. IP Substations
l. CRM III & IV Masters

P-9600
a. 9600 Masters and expander unit
b. 9200 Masters
c. Substations
d. Accessory Boards

GS-400, PRO-700 & INDUSTRIAL STATIONS
a. Substations
b. GS-400 Master
c. Pro-700 Master

OBSOLETE ITEMS
a. PAMEX Masters
b. PMD, Pamex and PMFR Processor Boards
c. AB Type Subscriber Boards
d. Other TouchLine Boards & power supplies
e. TL accessory boards
f. CPB and SCB common boards
g. SLB subscriber Boards & PRB power boards
h. Repair micom stations

Note: These items were discontinued in the 80's and 90's. Call for system replacement.

MISCELLANEOUS
a. Repair - No Trouble Found
b. Audio Amplifiers
c. Minimum Charge (Net)
d. Fiber Modules

SERVICE CHARGES
a. Labor rate for standard services
b. Labor rate for special programming
c. Service and training (outside k.c.)
d. Standard training class Kansas city

PROGRAMMING CHARGES
Contact STENTOFON engineering for pricing at 800/654-3140.

TERMS & CONDITIONS

Zenitel USA (hereinafter referred to as "Zenitel") shall not be bound by Buyer's terms and conditions unless they are expressly agreed to in writing.

1. PRICE, PAYMENT AND CREDIT TERMS

a. Price: The enclosed descriptions and prices are for equipment and services only as printed and prices represent Factory List Prices without consideration for any other obligations including, labor for installation, maintenance, and purchase discounts. Zenitel reserves the right to change prices, product specifications, and warranty terms without notice.

b. Payment Terms: Buyer agrees to fully pay all valid Zenitel invoices within thirty (30) calendar days of the date of such invoices and to pay a service charge of one and one half percent (1-1/2%) per month on all past due amounts. Receipt of any check, draft or other commercial papers shall not constitute payment unless, and until, such instrument has been honored by the appropriate financial institution(s). Buyer's account will be placed on "credit hold" when any invoice exceeds (60) calendar days past due. Buyer may deduct two percent (2%) from Zenitel net invoice amount provided Zenitel receives payment from Buyer for such invoice within ten (10) calendar days of the date of such invoice.

c. Credit Terms: Buyer agrees that the purchase of Product shall at all times be contingent upon the credit approval of Buyer by Zenitel's credit department. Upon Zenitel's request, Buyer agrees to promptly furnish Zenitel financial and business information. Zenitel reserves the right to grant or refuse, or at any time vary, change, or limit the amount or duration of credit.

2. ORDER PLACEMENT

a. Order Acceptance: All purchase orders for equipment and services (the "Product") shall be subject to acceptance by Zenitel at its office located at 6119 Connecticut Ave., Kansas City, MO 64120, and may be rejected for any reason, including without limitation: (i) Buyer's breach of any provision of these Terms and Conditions, or other written agreement between Zenitel and Buyer; or, (ii) Buyer's purchase order has a requested shipment date less than normal lead time for the product.

b. Order Cancellation: Except under extreme circumstances, purchase orders submitted by Buyer and accepted by Zenitel are non-cancelable. Buyer shall have the right to cancel such purchase order and, in such event, Buyer agrees to pay Zenitel, Zenitel's then prevailing restocking fee for the Product set forth on such purchase order (20% of invoice amount.)All Buyer purchase orders for non-standard Product and/or Product whose part number is prefixed with a special designation (the "Custom Product") are non-cancelable once accepted by Zenitel.

c. Change Order: A fifty ($50.00) dollar fee will be charged for P.O. modification. Please request form for changes.

3. SHIPMENT PROVISION

a. Shipment Terms: All shipments by Zenitel to Buyer shall be F.O.B. Zenitel's warehouse loading dock in Kansas City, Missouri, and all delivery obligations of Zenitel's hereunder shall be deemed satisfied on the date the Product is delivered to a common carrier at such loading dock. Buyer shall have the right to specify the common carrier and shall be responsible for all freight and insurance charges. Title and all risk of loss or damage to the Product shall pass to Buyer upon Zenitel's placement of the Product in the custody of such common carrier.

b. The Shipment Date for any order which contains standard Product, Custom Product or special order equipment shall be governed by Zenitel's ability to supply the same and shall be determined by Zenitel on a case by case basis.Shipment to Buyer may be partially shipped based upon Zenitel's determination of Product availability and manufacturing schedules.

c. Shipment Rescheduling: Zenitel shall not be required to reschedule any shipment to a date in advance of the originally scheduled Shipment Date, but will attempt to do so if the request is made in writing by Buyer.

4. PRODUCT RETURNS

I. General:

All Product returned must be accompanied by a valid Zenitel Return Authorization Number and shipped freight pre-paid to Zenitel.

II. Return Product for Repair:

B. If Return Product is Under Warranty Zenitel, at its sole option, shall either repair or replace such defective Return Product and ship, freight pre-paid, to Buyer.

C. Product returned for repair and not under warranty must be accompanied by a purchase order. If the product returned for repair is not defective ("No Problem Found'), buyer shall be charged Zenitel's prevailing rates for testing, plus freight.

III. Return Product for Restocking:

A. IP software licenses are not returnable.

B. Custom, non-standard and third party Product and/or Product whose part number or model is prefixed with a description "CQ" designation may not be returned to Zenitel USA for credit.

C. All Buyer requests to return Product for restocking must be in writing and in advance of any shipment of such Return Product to Zenitel. Such written request must contain: (i) the part number of the Return Product; (ii) the quantity of Product to be returned; (iii) Buyer's original purchase order number; and (iv) Zenitel's original invoice number and amount.

D. The Return Product for restocking must, at the time of Buyer's request, be currently listed in the Zenitel Product Catalog.

E. The Return Product for restocking must: (i) have been shipped by Zenitel to Buyer within the immediately preceding ninety (90) calendar day period; (ii) be unused; and, (iii) be boxed in the original Zenitel labeled container(s).

F. All shipping and handling costs for Return Product for restocking shall be borne completely and exclusively by Buyer.

G. All Return Products for restocking are subject to inspection and testing by our technical department. Credit may be issued on standard product in new condition, based on shipping invoice, less 20 percent restocking fee. At Zenitel's discretion, an additional restocking fee may be applied or product may be returned to customer.

5. WARRANTY

Commencing upon the shipment date and continuing for a period of (36) months, Zenitel warrants, that under normal use, each STENTOFON Product sold and purchased hereunder shall be free from manufacturing defects of material and workmanship. Zenitel's sole obligation, and Buyer's sole remedy, under this warranty shall be limited to Zenitel repairing or replacing, at its option, defective Product or components thereof when such are returned to Zenitel freight prepaid. The foregoing warranties are expressly in lieu of all other warranties, express or implied, including the implied warranty of merchantability and/or fitness for a particular purpose. The aforesaid warranties are afforded by Zenitel only to Buyer and shall not be deemed to be warranties to Buyer's customers or to any other person or entity. Should Buyer elect to offer its own warranty with respect to the Product, said warranty shall be in Buyer's name only, and Buyer shall make no representation that Zenitel has any responsibility therein.

All warranties shall become null and void in the event that Buyer, or anyone, alters or modifies any Product without Zenitel's prior written authorization and/or should Buyer, or anyone, fail to follow Zenitel's and/or the manufacturer's recommended installation procedures and instructions.

6. LIMITATION ON LIABILITY

Zenitel neither assumes nor authorizes any other person or entity to assume for Zenitel any liabilities in connection with the sale of the product and in no event shall Zenitel ever be liable for any lost profits, special, actual or consequential damages of any nature, including without limitation, personal injury (including death) or property damage, or any loss or damage resulting from the interruption or failure in the operation of the product with respect to any product sold or shipped or any service rendered by Zenitel or for Zenitel's failure to meet shipment schedules or for any other reason.

7. TRADE NAMES, LOGOS, AND TRADEMARKS

The name "Zenitel" and/or its associated trade names, logos, and trademarks are the exclusive properties of Zenitel and nothing herein gives Buyer any interest in the same. Buyer may not use the name "Zenitel" and/or its associated trade names, logos, and trademarks without prior written authorization, in each and every instance, from Zenitel. All sales to Buyer shall be governed and construed in all respects in accordance with the laws of the State of Missouri.

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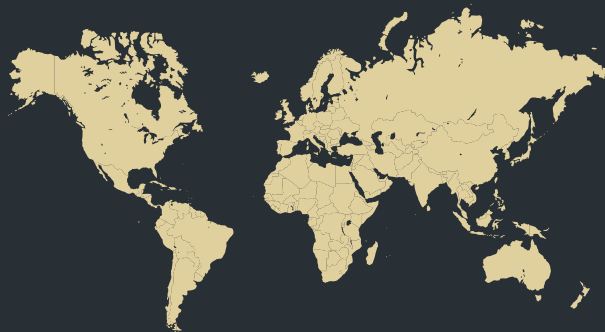|							
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