

STENTOFON PRODUCT CATALOG 2010/2011



STENTOFON

STENTOFON began life in 1946 as Stentor Radiofabrikk, specializing in radio communication systems for ships and 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 Audio Servers, called STENTOFON AlphaCom XE. This new solution is an evolution into IP technology while maintaining full backwards compatibility for existing installations. STENTOFON AlphaCom XE and the other solutions in the range open up new opportunities and markets, and confirm Zenitel's leading position in the communication and 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. Zenitel's solutions are voice driven because Zenitel knows that when people are in trouble, they call out, they listen, and they start to talk.



1952



1964



1975



2009

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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 server 40 Hz – 18.5 kHz (1-BIT)
- HD Voice 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
- Active noise cancellation
- Low latency VoIP switching



OPERATION

- Integrated web server
- Network supervision - detection and notification within seconds
- Centralized monitoring
- Centralized software maintenance
- Tone test and line monitoring
- Sim card based software configuration and disaster recovery



SECURITY INTEGRATION

- STENTOFON Software Development Kit (SDK)
- OPC
- SNMP



ADVANCED FEATURES

- Call queuing, priority and time of arrival
- Advanced messaging functions
- Mass notification - global group calls
- Radio conferencing - global conference calls
- Dual port Ethernet switch
- Remote control and networking - AlphaNet
- Scalable from 2 to millions of stations



INSTALLATION

- Remote automatic software upgrade
- Centralized provisioning
- DHCP and static IP
- Power over Ethernet
- Backward compatible
- IP, digital and analog infrastructure



IT/IP SECURITY

- Integrated firewall
- Integrity check of software
- Network monitoring
- Secure link layer (encryption)
- Network access control (IEEE 802.1X)
- Virtual LAN (IEEE 802.1Q)

ALPHACOM XE AUDIO SERVERS

**HD
VOICE**

- High capacity
- Energy saving
- Global networking and integration
- IP, SIP and analog station support
- Extended software options
- Sim card based software configuration and disaster recovery
- Fully backwards compatible with any AlphaCom system
- Extended memory supports future expansion and new services
- High quality professional PA broadcasting and messaging services
- Security voice guidance for public safety and building security
- Auto-attendant functionality (automatic voice supported switchboard)
- Voice supported call guidance



ALPHACOM XE1

1 UNIT HIGH AUDIO SERVER
SUPPORTS 2-552 IP STATIONS

DESKTOP STATIONS

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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 AlphaCom XE Audio Servers.

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

- 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
- Requires separately ordered wall bracket

1008001000

IP DESK/WALL MASTER STATION, DISPLAY AND HANDSET



Size (WxHxD): 225 x 75 x 176 mm Weight: 0.7 kg

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

1008000000

IP DESK/WALL MASTER STATION, DISPLAY



Size (WxHxD): 168 x 75 x 176 mm Weight: 0.5 kg

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

1007034210

DESK/WALL MASTER STATION, HANDSET

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



Size (WxHxD): 225 x 75 x 176 mm Weight: 0.7 kg

Related items: 1008091100 Wall bracket for Desktop,
1009800130/115 Station cable with RJ45 connector

1007036210

DESK/WALL MASTER STATION

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



Size (WxHxD): 168 x 75 x 176 mm Weight: 0.5 kg

Related items: 1008091100 Wall bracket for Desktop,
1009800130/115 Station cable with RJ45 connector

1007034310

DESK/WALL MASTER STATION, DISPLAY AND HANDSET

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



Size (WxHxD): 225 x 75 x 176 mm Weight: 0.7 kg

Related items: 1008091100 Wall bracket for Desktop, 1009800130/115 Station cable with RJ45 connector

1007036310

DESK/WALL MASTER STATION, DISPLAY

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



Size (WxHxD): 168 x 75 x 176 mm Weight: 0.5 kg

Related items: 1008091100 Wall bracket for Desktop, 1009800130/115 Station cable with RJ45 connector

1007072090

DESK/WALL MASTER STATION, DISPLAY AND HANDSET

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



Size (WxHxD): 225 x 75 x 176 mm Weight: 0.7 kg

Related items: 1008091100 Wall bracket for Desktop, 1009800130/115 Station cable with RJ45 connector

1007071090

DESK/WALL MASTER STATION, DISPLAY

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



Size (WxHxD): 168 x 75 x 176 mm Weight: 0.5 kg

Related items: 1008091100 Wall bracket for Desktop, 1009800130/115 Station cable with RJ45 connector



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): 72 x 140 x 270 mm Weight: 0.4 kg

Related items: 1009800130/115 Station cable with RJ45 connector, 1007007010 Microphone for Dual Display station

1007007010

MICROPHONE FOR DUAL DISPLAY STATION

- Gooseneck microphone module
- Ideal in noisy environments

Size (length): 300 mm Weight: 0.15 kg

Related items: 1007007000 Dual Display Station



ACCESSORIES FOR DESKTOP STATIONS

1009800230

3 METERS ETHERNET PATCH CABLE FLAT CAT5E

1009800215

1.5 METERS ETHERNET PATCH CABLE FLAT CAT5E

- Spare ethernet cable to fit all IP Desktop Master Stations

Size (length): 1.5 or 3 meters

Related items: IP Desktop Stations

2220050001

POWER OVER ETHERNET ADAPTOR

- PoE midspan PSU for IP stations
- Source mains power cord locally
- 90 V to 240 V AC

Size (WxHxD): 140 x 65 x 35 mm Weight: 0.2 kg

Related items: IP Desktop Stations



KB171

WALL SOCKET, RJ45, SURFACE MOUNTED

- ABS plastic connection box with 8 pin RJ45 socket



Size (WxHxD): 51 x 51 x 22.5 mm Weight: 0.4 kg

Related items: All Desktop Stations

KB172

WALL SOCKET, RJ45, FLUSH MOUNTED

- ABS plastic connection box with 8 pin RJ45 socket



Size (WxHxD): 88 x 88 x 20 mm Weight: 0.4 kg

Related items: All Desktop Stations

1009800130

3 METERS STATION CABLE WITH RJ45 CONNECTOR

1009800115

0.5 METERS STATION CABLE WITH RJ45 CONNECTOR

- Tailored station cable to fit all traditional Desktop Master Stations

Size (length): 3 or 0.5 meters

Related items: Traditional Desktop Master Stations



1008091100

WALL BRACKET FOR DESKTOP

- Used for wall mounting of all Desktop Stations

Size (WxHxD): 110 x 92 x 46 mm Weight: 0.2 kg

Related items: All 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. Unlimited numbers of AlphaCom XE Audio Servers and thousands of intercom's 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 stations 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 XE 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 XE 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 XE functions not only as an independent communication system but as an integrated part of the control center.

The control that the STENTOFON AlphaCom XE 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): 125 x 280 x 30 mm Weight: 0.63 kg

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

1009648001
LICENSE TO USE AS CRM V

- License needed to extend the IP Flush Master, Display with IP DAK-48 Units

1008010100
IP DAK-48 UNIT

- Extends IP Flush Master Station with 48 programmable DAK keys (direct access keys)
- Ideal for control room applications
- Visual indications with two LEDs (green/red) per DAK key
- All keys have backlight (adjustable)
- Easy labeling of keys

Size (LENGTH): 300 mm Weight: 0.09 kg

Related items: 1008031000 IP Flush Master, display, 1009648001 License to use as CRM V, 1008010101 Label paper for IP Dak-48 Unit



1008097100
HANDSET

- Handset module for IP Flush Master

Size (WxHxD): 67 x 280 x 41 mm Weight: 0.4 kg

Related items: 1008031000 IP Flush Master, display



1008097500
GOOSENECK MICROPHONE

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

Size (LENGTH): 300 mm Weight: 0.09 kg

Related items: 1008031000 IP Flush Master, display



1008010101
LABEL PAPER FOR IP DAK-48 UNIT

- Special paper for printing and labeling the IP DAK-48 unit
- 6, 8 and 10 digit templates available for download at www.stentofon.com

Related items: 1008010100 IP Dak-48 Unit



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



Size (WxHxD): 125 x 280 x 25 mm Weight: 0.75 kg

Related items: 1007006110 DAK-48 Unit, 1007006190 Handset Unit, 1007006180 Single Back Box, 1007006181 Double Backbox, 1007006182 Two Housing Mounting Kit, 2990000030 PSU for CRM IV, 12 VDC

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): 125 x 280 x 30 mm Weight: 0.3 kg

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): 125 x 280 x 30 mm Weight: 0.45 kg

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

1007043000

CONSOLE MASTER STATION

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



Size (WxHxD): 125 x 280 x 53 mm Weight: 0.8 kg

Related items: Requires 1000602000 Flush or 1000603000 Surface Back Box

CONTROL CENTER SOFTWARE

STENTOFON Control Handler Software for all AlphaCom XE Audio Servers. AlphaVision gives information to an operator about events inside the server, such as call requests and allows the operator to respond to such events. The screen is divided into a number of functional areas such as a Call request list, Map area, and others. Icons associated with intercoms, remote inputs and remote outputs can be placed in the maps. The behavior of AlphaVision can be extended and changed via a built-in scripting language.

1009294100	AlphaVision, parallel port dongle	1009294120	AlphaVision, USB Dongle
System Management based on standard integration with OPC and Microsoft .NET with easy and fast integration. The OPC license runs on the Alphacom XE Audio Server, 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

1008098600

ON WALL BACK BOX

- On wall mount back box for IP Flush Master Stations



Size (WxHxD): 125 x 280 x 34 mm Weight: 0.5 kg

Related items: 1008031000 IP FLUSH Master, Display

1008098800

FLUSH MOUNT BACK BOX

- Backbox for handset module for IP Flush Master



Size (WxHxD): 58 x 270 x 40 mm Weight: 0.3 kg

Related items: 1008097100 Handset

1008098700

FLUSH MOUNT BACK BOX

- Flush mount back box for IP Flush Master Stations



Size (WxHxD): 116 x 270 x 40 mm Weight: 0.5 kg

Related items: 1008031000 IP Flush Master, 1008010100 IP DAK-48 Unit

1007006180

SINGLE BACK BOX

- Single desktop box with front inclined angle



Size (WxHxD): 135 x 320 x 75 mm Weight: 1.25 kg

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): 265 x 320 x 75 mm Weight: 2.73 kg

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): 240 x 240 mm Weight: 0.3 kg

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

EQPOW20490

MASC. POW. TYPE 68231296/6-12 VDC FOR CRM IV

- PSU for CRM IV, 6-12 VDC
- Available until stock is depleted

Weight: 0.1 kg

Related items: 1007006101 Control Room Master IV

2990000030

PSU FOR CRM IV, 12 VDC

- Input voltage: 90-264 V AC
- PSU has 2-pin IEC 320 connector
- Power cord to be sourced locally



Size (WxHxD): 90 x 32 x 45 mm Weight: 0.1 kg

Related items: 1007006101 Control Room Master IV



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 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 

- 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): 125 x 280 x 30 mm Weight: 0.63 kg

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

1076036600

OR MASTER

- Flat chemical resistant and anti-bacterial front surface for easy cleaning

Size (WxHxD): 125 x 280 x 66 mm Weight: 0.7 kg

Related items: Requires 1000602000 Flush or 1000603000 Surface Back Box



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): 125 x 280 x 66 mm Weight: 0.7 kg

Related items: Requires 1000602000 Flush or 1000603000 Surface Back Box

1008031000

IP FLUSH MASTER, DISPLAY 

- Connects directly to the IP network
- Large high contrast display, backlight for excellent readability
- White light behind all keys
- Four freely programmable single-touch keys (DAK)
- Remote upgrade, configuration and monitoring

Size (WxHxD): 125 x 280 x 30 mm Weight: 0.63 kg

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



1007042000

WALL MASTER STATION, DISPLAY

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

Size (WxHxD): 125 x 280 x 53 mm Weight: 0.8 kg

Related items: Requires 1000602000 Flush or 1000603000 Surface Back Box



1007040000

WALL MASTER STATION, STANDARD

- For locations where the use of desktop stations is impractical

Size (WxHxD): 125 x 280 x 53 mm Weight: 0.6 kg

Related items: Requires 1000602000 Flush or 1000603000 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): 125 x 280 x 53 mm Weight: 0.6 kg

Related items: Requires 1000602000 Flush or 1000603000 Surface Back Box



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): 116 x 270 x 40 mm Weight: 0.5 kg

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



1000602000

FLUSH MOUNT BACK BOX

- Flush mount back box for OR Master and Wall Master Stations

Size (WxHxD): 118 x 262 x 62 mm Weight: 0.5 kg

Related items: 1076036600 OR Master, 1007036600 OR Master Display, Traditional Wallmaster Stations



1000603000

ON WALL BACK BOX

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

Size (WxHxD): 137 x 284 x 65 mm Weight: 0.5 kg

Related items: 1007036600 OR Master Display, Traditional Wallmaster Stations



1000602800

FRONT PANEL

- Used to enclose backboxes

Size (WxHxD): 125 x 279 x 2 mm Weight: 0.1 kg

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





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.

- 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

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 station 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 OPC.



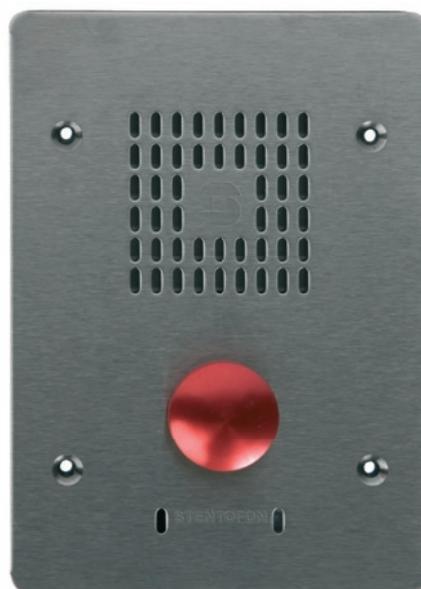
1008041100
IP VANDAL RESISTANT SUBSTATION 

1008041150
IP VANDAL RESISTANT SUBSTATION CONFORMAL COATED 

- 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): 92 x 180 x 46 mm Weight: 0.8 kg

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



1008051000
IP VANDAL RESISTANT SUBSTATION, 3 GANG BACKBOX 

- 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): 114 x 160 x 63 mm Weight: 0.8 kg

Related items: 1008098300 3 Gang Flush Mount Back Box, Requires IP station license

1007056100
VANDAL RESISTANT SUBSTATION

- Advanced supervision functions
- Can be placed up to 4km from AlphaCom XE without local power
- Superb audio quality (10kHz)
- Stainless steel front (A304)

Size (WxHxD): 92 x 180 x 25 mm Weight: 0.8 kg

Related items: 1008098100 Flush Mount Back Box, 1008098000 On Wall Mount Back Box, 1008098001 On Wall Mount Back Box



1007056200
VANDAL RESISTANT SUBSTATION 2 BUTTON

- Advanced supervision functions
- Can be placed up to 4km from AlphaCom XE Audio Server without local power
- Superb audio quality (10kHz)
- Stainless steel front (A304)

Size (WxHxD): 92 x 180 x 25 mm Weight: 0.8 kg

Related items: 1008098100 Flush Mount Back Box, 1008098000 On Wall Mount Back Box, 1008098001 On Wall Mount Back Box



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 from AlphaCom XE without local source power
- Superb audio quality (10kHz)



Size (WxHxD): 190 x 140 x 64 mm Weight: 1.15 kg

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 from AlphaCom XE without local source power
- Superb audio quality (10kHz)



Size (WxHxD): 190 x 140 x 64 mm Weight: 1.15 kg

Related items: Requires 1000629700 Flush or 1000629800 Surface Backbox

ACCESSORIES FOR VANDAL RESISTANT SUBSTATIONS

1008098100

FLUSH MOUNT BACK BOX

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



Size (WxHxD): 80 x 168 x 50 mm Weight: 0.8 kg

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

1008098000

ON WALL BACK BOX

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



Size (WxHxD): 92 x 180 x 52 mm Weight: 0.8 kg

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

1008098300

3 GANG FLUSH MOUNT BACK BOX

- Flush Mount Back Box for Vandal Resistant Substation, 3 Gang



Size (WxHxD): 98 x 145 x 66 mm Weight: 0.8 kg

Related items: 1008051000 IP Vandal Resistant Substation - 3 Gang

1008098001

ON WALL BACK BOX

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



Size (WxHxD): 92 x 180 x 30 mm Weight: 0.4 kg

Related items: 1007056100 Vandal Resistant Substation, 1007056200 Vandal Resistant Substation

1000629700

FLUSH MOUNT BACK BOX

- For Tamper Resistant Substations
- The metal front plate can be securely fastened to the box with 4 mm tamper resistant screws (provided) or pop rivets (not included)



Size (WxHxD): 175 x 126 x 75 mm Weight: 0.75 kg

Related items: 1070601010 Tamper Resistant Substation, 1070601020 Tamper Resistant Substation

1000629800

ON WALL BACK BOX

- For Tamper Resistant Substations
- The metal front plate can be securely fastened to the box with pop rivets (not included)



Size (WxHxD): 150 x 198 x 80 mm Weight: 0.9 kg

Related items: 1070601010 Tamper Resistant Substation, 1070601020 Tamper Resistant Substation



PRISON AND CORRECTIONAL STATIONS



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

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 station 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 OPC.



100706100

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): 128 x 264 x 51 mm Weight: 0.95 kg

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

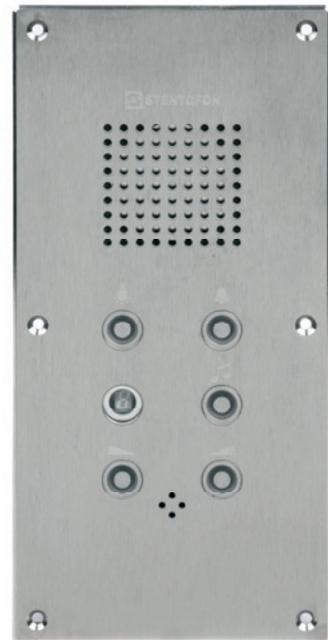
1007063000

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): 128 x 264 x 51 mm Weight: 0.95 kg

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 

- 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): 92 x 180 x 54 mm Weight: 0.8 kg

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 from AlphaCom XE Audio Server without local source power
- Superb audio quality (10kHz)
- Stainless steel front (A304)

Size (WxHxD): 92 x 180 x 54 mm Weight: 0.8 kg

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 4km from AlphaCom XE Audio Server without local source power
- Superb audio quality (10kHz)



Size (WxHxD): 190 x 140 x 64 mm Weight: 1.15 kg

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 4km from AlphaCom XE Audio Server without local source power
- Superb audio quality (10kHz)



Size (WxHxD): 190 x 140 x 64 mm Weight: 1.15 kg

Related items: Requires 1000629700 Flush or 1000629800 Surface Backbox

FOR CUSTOM MADE FRONT PLATES, SEE OUR STATION KITS ON PAGE 32

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): 110 x 110 x 65 mm Weight: 0.8 kg

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): 90 x 90 mm Weight: 0.2 kg

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

890070737601

FLUSH MOUNT BACK BOX WITH ANCHORS

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



Size (WxHxD): 122 x 265 x 62 mm Weight: 1 kg

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

1007060150

ON WALL BACK BOX

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



Size (WxHxD): 130 x 265 x 67 mm Weight: 2.7 kg

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



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.

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.

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 station 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 OPC.



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
- Optional external speaker can be connected

Size (WxHxD): 124 x 244 x 63 mm Weight: 0.9 kg

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): 160 x 260 x 100 mm Weight: 1.1 kg

Related items: See accessories for Industrial Stations



1007083000

HEAVY DUTY INDUSTRIAL SUB STATION

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

Size (WxHxD): 160 x 260 x 92 mm Weight: 1.1 kg

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): 160 x 240 x 137 mm Weight: 1.1 kg

Related items: See accessories for Industrial Stations

1007085000

HEAVY DUTY INDUSTRIAL SUB STATION

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

Size (WxHxD): 160 x 260 x 92 mm Weight: 1.1 kg

Related items: See accessories for Industrial Stations



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
- Wall mounting plate included

Size (WxHxD): 205 x 320 x 120 mm Weight: 5 kg

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
- Wall mounting plate included

Size (WxHxD): 205 x 320 x 120 mm Weight: 5 kg

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



1007095000

ATEX IIC T6 HEAVY DUTY MASTER STATION

- Robust buttons
- Rugged weatherproof cabinet of lacquered steel
- Handset for soft speaking conversation
- Requires an external loudspeaker
- Relay output for control of optional call warning device

Size (WxHxD): 215 x 687 x 187 mm Weight: 23 kg

Related items: DSP-15EExeN EX Speaker



1007095300

ATEX IIC T6 HEAVY DUTY SUB STATION

- Robust buttons
- Rugged weatherproof cabinet of lacquered steel
- Handset for soft speaking conversation
- Requires an external loudspeaker
- Relay output for control of optional call warning device

Size (WxHxD): 215 x 687 x 187 mm Weight: 23 kg

Related items: DSP-15EExeN EX Speaker



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): 80 x 250 x 155 mm Weight: 0.9 kg

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): 98 x 242 x 153 mm Weight: 0.9 kg

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 10 meter cable
- To be used in noisy areas

Weight: 1.1 kg

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 10 meter cable and plug 4 pin Amphenol
- To be used in noisy areas

Weight: 1.1 kg

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): 80 x 110 x 63 mm Weight: 0.4 kg

Related items: All industrial INTERCOM stations

HP-15

HORN LOUDSPEAKER, 8 OHM, 15 W

- General purpose 15W horn speaker



Size (Diameter x Depth): 200 x 247 mm Weight: 1.7 kg

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): 250 x 145 x 270 mm Weight: 1.35 kg

Related items: All industrial INTERCOM stations

DSP-15EExeN

EX SPEAKER

- Horn speaker in Antistatic Polyamide
- For Zone 1
- IP-67 ATEX approved



Size (WxHxD): 186 x 144 x 207 mm Weight: 2.2 kg

Related items: 1007095000 ATEX IIC T6 Heavy Duty master station, 1007095300 ATEX IIC T6 Heavy Duty sub station

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): 147 x 220 mm Weight: 0.9 kg

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

EHS-2200

ROTARY LIGHT, MAINS 220-240V AC, 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): 147 x 220 mm Weight: 0.9 kg

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

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): 90 x 90 x 118 mm

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

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): 86 x 86 x 50 mm Weight: 0.2 kg

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): 120 x 122 x 55 mm

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

EOTRF10115

220 V AC/12 V AC TRANSFORMER

- For use on Industrial Stations
- To achieve 10W audio output on external loudspeakers



Weight: 0.3 kg

Related items: All industrial INTERCOM stations

JB-15T

JUNCTION BOX

- Use to connect station cable to telephone line



Size (WxHxD): 97 x 90 x 58 mm Weight: 0.12 kg

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 XE solution.

The DECT cordless phones, intercom and analogue telephones all have access to the AlphaCom XE 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 XE Audio Servers 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.

2211100500
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 and Belt Clip IP54 included



Size (WxHxD): 148 x 50 x 28 mm Weight: 0.13 kg

Related items: Requires SIP station license, 2211100550/51 Rough Handset Charger

2211100501
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 and Belt Clip IP54 included

Size (WxHxD): 148 x 50 x 28 mm Weight: 0.13 kg

Related items: Requires SIP station license, 2211100552/53 EX Handset Charger



2211100502
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 and Belt Clip IP54 included

Size (WxHxD): 146 x 48 x 19 mm Weight: 0.11 kg

Related items: Requires SIP station license, 2211100554/55 Office Handset Charger



2211100550
ROUGH HANDSET CHARGER 230V AC

2211100551
ROUGH HANDSET CHARGER 110V AC

Weight: 0.1 kg

Related items: 2211100500 Dect handset rough



2211100552
EX HANDSET CHARGER 230V AC

2211100553
EX HANDSET CHARGER 110V AC

Weight: 0.1 kg

Related items: 2211100501 Dect handset EX



2211100600
BATTERY FOR DECT ROUGH

2211100605
BATTERY FOR DECT EX

2211100610
BATTERY FOR DECT OFFICE

- For spare battery

2211100554
OFFICE HANDSET CHARGER 230V AC

2211100555
OFFICE HANDSET CHARGER 110V AC

Weight: 0.1 kg

Related items: 2211100502 Dect handset office



2211100710
BELT CLIP FOR DECT OFFICE

2211100700
BELT CLIP FOR DECT ROUGH & EX

- Specially designed belt clip matching the handset itself

Weight: 0.1 kg

Related items: 2211100500 DECT Handset Rough, 2211100501 DECT Handset EX, 2211100502 DECT Handset Office, 2211100715 Belt clip Connector for dect office, 2211100705 Belt clip Connector for dect rough and ex



2211100715
BELT CLIP CONNECTOR FOR DECT OFFICE

2211100705
BELT CLIP CONNECTOR FOR DECT ROUGH AND EX

- Specially designed connector matching the handset itself

Weight: 0.1 kg

Related items: 2211100710 Belt clip for dect office, 2211100700 Belt clip for dect rough & EX

2211200100

LIGHT MONO HEADSET W/HOOK SWITCH

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



Weight: 0.2 kg

Related items: 2211100500 DECT Handset Rough, 2211100501 DECT Handset EX, 2211100502 DECT Handset Office

2211200102

LIGHT MONO HEADSET W/HOOK SWITCH - EX

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



Weight: 0.2 kg

Related items: 2211100501 DECT Handset EX

2211200110

HEADSET FOR DECT HANDSET ROUGH AND EX

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



Weight: 0.3 kg

Related items: 2211100500 DECT handset rough, 2211100501 DECT handset EX, 2211200111 Cable for headset

2211200111

CABLE FOR HEADSET

- Spare cable for DECT handset Rough & EX

Weight: 0.1 kg

Related items: 2211200110 Headset for DECT Handset Rough & EX



2211000600

IP DECT BASE FOR SERVER 6000

- Base station radio coverage: max 50 m indoor and max 150 m outdoors
- DECT repeaters can be added to extend radio coverage



Size (WxHxD): 100 x 100 x 38 mm Weight: 0.12 kg

Related items: 2211050100 Base Repeater Wall, 2211000100 IP DECT server 6000, 2211000606 IP DECT base station in cabinet

2211000100

IP DECT SERVER 6000

- Integrated part of STENTOFON AlphaCom XE 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): 164 x 164 x 54 mm Weight: 0.36 kg

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

2211000605

IP DECT BASE FOR SERVER 6000 W/100M LEAKY CABLE

- IP DECT base for server 6000 modified
- 100m Leaky cable 100m 1/2" Nnf-Nnf with plugs and end resistor 1W
- Mounting kit



Size (WxHxD): 100 x 100 x 38 mm Weight: 32 kg

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

2211050101

BASE REPEATER WALL FOR DECT 6000 SYSTEM

- Up to 150 m reachability outdoors
- Possibility for 4 simultaneous calls
- External power supply



Size (WxHxD): 100 x 100 x 38 mm Weight: 0.12 kg

Related items: 2211050130 Repeater Programming Kit, 22111000600 IP DECT Base for Server 6000, 2241100558/59 Power Supply for Base Repeater wall

2211000606

IP DECT BASE STATION IN CABINET

- With heater and thermostat
- Designed for outdoor cold environment
- PoE for base station and 230 VAC for heater
- Prepared with terminals and cable glands



Size (WxHxD): 430 x 330 x 200 mm Weight: Approx. 8.0 kg

Related items: 2211000600 IP DECT Base for server 6000, 2211010100 IP DECT base 300



2211010100
IP DECT BASE 300

- Limited radio coverage with 1 base station and up to 3 repeaters
- Base station radio coverage is: max 50 m indoor and max 150 m 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): 100 x 100 x 38 mm Weight: 0.12 kg

Related items: 2211050100 Base Repeater Wall, 2211000606 IP Dect base station in cabinet

2211050120
BASE REPEATER MOUNTING KIT

- Extends Wall Repeater up to 50 cm out from wall

Weight: 0.3 kg

Related items: 2211050100 Base Repeater Wall

2211050130
REPEATER PROGRAMMING KIT

- Requires PC with Windows Operating System and an RS232 serial port

Weight: 0.2 kg

Related items: 2211050100 Base Repeater Wall

2211050100
BASE REPEATER WALL FOR DECT 300 SYSTEM

- Up to 150 m reachability outdoors
- Possibility for 4 simultaneous calls
- External power supply



Size (WxHxD): 100 x 100 x 38 mm Weight: 0.12 kg

Related items: 2211050130 Repeater Programming Kit, 2211010100 IP Dect base 300, 2241100558/59 Power Supply for Base Repeater wall

2241100558
POWER SUPPLY FOR BASE REPEATER WALL 220 V

- Power for Repeater 300 and 6000 system



2241100559
POWER SUPPLY FOR BASE REPEATER WALL 110 V

- Power for Repeater 300 and 6000 system



2210020002
IP DECT ALARM SERVER

- Enhances the STENTOFON IP DECT Solution (cordless intercom) with text paging
- Complete messaging and alarm solution
- Time-saving operations
- Increased operational safety
- Efficient management of handsets
- Easy to use, install and configure
- Integrated into STENTOFON IP DECT Solution
- Expandable to maximum 50 users (Basic License)



Size (WxHxD): 240 x 70.9 x 107 mm Weight: 0.2 kg

Related items: 2210020003 Alarm Module for IP-Dect alarm server - ESPA 4.4.4, 2210020001 Alarm Module for IP-Dect alarm server - 8 alarms

2210020003
ALARM MODULE FOR IP-DECT ALARM SERVER - ESPA 4.4.4

- Connection via RS485 data link
- ESPA 4.4.4 protocol
- IP DECT, Printer Log, Log File



Size (WxHxD): 120 x 30 x 75 mm Weight: 0.2 kg

Related items: 2210020002 IP DECT Alarm Server

2210020001
ALARM MODULE FOR IP-DECT ALARM SERVER - 8 ALARMS

- Connection via RS485 data link
- Capacity 8 alarm inputs
- IP DECT, Printer Log, Log File



Size (WxHxD): 120 x 30 x 75 mm Weight: 0.2 kg

Related items: 2210020002 IP DECT Alarm Server

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

- 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): 88 x 152 x 20 mm Weight: 0.13 kg

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

1008090200 IP SUBSTATION KIT

1008090250 IP SUBSTATION KIT, CONFORMAL COATED

- 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): 72 x 110 x 20 mm Weight: 0.1 kg

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



1008091000

MOUNTING AND ASSEMBLY KIT FOR IP SUBSTATION 

- 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: 0.4 kg

Related items: 1008090200 IP Substation Kit

1008099000

DISPLAY FOR IP MASTER STATION BOARD, 5 PIECES

- Supports backlight
- LCD display with 64 x 128 pixels



Size (WxHxD): 80 x 50 x 5 mm Weight: 0.1 kg

Related items: 1008093000 IP Master Station Kit

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): 85 x 78 x 40 mm Weight: 0.1 kg

A100C01425

MASTER STATION KIT FOR DISPLAY STATION, PCB ONLY

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



Size (WxHxD): 85 x 78 x 20 mm Weight: 0.1 kg

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 4 km from AlphaCom XE Audio Server without local source power
- Superb audio quality



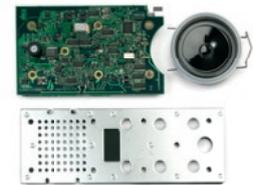
Size printcard (WxHxD): 71 x 90 x 25 Weight: 0.5 kg

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): 190 x 82 x 40 mm Weight: 0.1 kg

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): 80 x 140 x 35 mm Weight: 0.1 kg

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: 0.2 kg



ALPHACOM XE AUDIO SERVERS

- Made to provide critical communication in any environment
- Global networking and integration
- Extended Software Options
- SIM card based software configuration and disaster recovery
- Fully compatible with any AlphaCom system
- Extended memory supports future expansion and new services
- High quality professional PA broadcasting and messaging services
- Security voice guidance for public safety and building security
- Auto-attendant functionality (Automatic voice supported switchboard)
- Voice supported call guidance



1009601002

ALPHACOM XE1

- With license for 2 stations
- Subscriber capacity: 552 IP stations
- Environmental friendly and energy saving - max. 4 W

Size (WxHxD): 332 x 44 x 340 mm Weight: 2 kg

Related items: AlphaPro Software

ALL ALPHACOM XE AUDIO SERVERS FEATURES THE AMC-IP - VERSION 11, PROCESSOR BOARD

1009608000

ALPHACOM XE7 PACKAGE

- Wall, shelf or 19" rack mounting
- Complete system with 1 Power Supply Board, 1 Processor Board, 2 ASLT cards, 2 Connection Kits, AlphaCom documentation CD and AlphaPro programming tool
- Max subscriber capacity: 552 IP stations. A combination of technologies allows max 36 traditional intercom units or max 72 analogue telephones out of 552 stations

1009608300

ALPHACOM XE7 WITH LICENSE FOR 12 IP STATIONS

- 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. A combination of technologies allows max 36 traditional intercom units or max 72 analogue telephones out of 552 stations

1009608100

ALPHACOM XE7 PACKAGE WITH 1 ASLT

- Wall, shelf or 19" rack mounting
- Complete system with 1 Power Supply Board, 1 Processor Board, 1 ASLT card, AlphaCom documentation CD and AlphaPro programming tool
- Max subscriber capacity: 552 IP stations. A combination of technologies allows max 36 traditional intercom units or max 72 analogue telephones out of 552 stations



1009608106

ALPHACOM XE7 WITH LICENSE FOR 6 IP STATIONS AND 1 ASLT

- Wall, shelf or 19" rack mounting
- Complete system with 1 Power Supply Board, 1 Processor Board, 6 IP Station Licenses, 1 ASLT card, AlphaCom documentation CD and AlphaPro programming tool
- Max 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): 427 x 133 x 380 mm Weight: 9 kg

Related items: 2030010260 Mains Transformer 6A or 2030010270 Mains Transformer 11A, AlphaPro Software

1009621000

ALPHACOM XE20 FOR 19" RACK MOUNTING

- 19" rack mounting
- Complete system with APWR-AC version Power Supply, 1 Processor Board, 1 Program & Clock Board, 2 Subscriber Line Boards, 2 x 1.5 m 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): 482 x 265 x 365 mm Weight: 19 kg

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



1009627000

ALPHACOM XE26 FOR 19" RACK MOUNTING

- 19" rack mounting
- Complete system with APWR-AC version Power Supply, 1 Processor Board, 1 Program & Clock Board, 2 Subscriber Line Boards, 2 x 1.5 m flat ASLT connection cable with filter board 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): 483 x 841 x 365 mm Weight: 42 kg

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

1009627001

ALPHACOM XE26 FOR 19" RACK MOUNTING

- High availability Audio Server 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 1.5 m flat ASLT connection cable with Filter Board and AlphaCom documentation CD

Size (WxHxD): 483 x 841 x 365 mm Weight: 45 kg

HIGH AVAILABILITY!

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

1009627002

XE20/XE26 HIGH AVAILABILITY EXTENSION PACKAGE

- For upgrading of existing AlphaCom XE20 or XE26 to have redundant control cards
- 1009202100 AMC-IP Card
- 1009511000 AMC-IP filtercard and APC upgrade kit

Weight: 0.6 kg

Related items: All AlphaCom XE20 and XE26 Audio Servers



1009627100

ALPHACOM XE26 FLOOR CABINET

- Floor cabinet, supported with extra side and top panels
- Complete system with APWR-AC version Power Supply, 1 Processor Board, 1 Program & Clock Board, 2 Subscriber Line Boards, 2 x 1.5 m flat ASLT connection cable with filter board 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): 483 x 841 x 593 mm Weight: 46 kg

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

1009627200

ALPHACOM XE26 FLOOR CABINET WITH DISTRIBUTION FIELD

- Floor cabinet with distribution field, supported with extra side and top panels
- Complete system with APWR-AC version Power Supply, 1 Processor Board, 1 Program & Clock Board, 2 Subscriber Line Boards, 2 x 1.5 m flat ASLT connection cable with filter board 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): 483 x 841 x 593 mm Weight: 53.5 kg

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

LICENSES

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 AlphaCom XE Audio Servers 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 is 50.

1009641001	IP-station license for 1 station	1009641006	IP-station license for 6 stations
1009641012	IP-station license for 12 stations	1009641036	IP-station license for 36 stations
1009641138	IP-station license for 138 stations		

Each telephone requires a SIP station license. SIP telephones can be physical units but also SIP softphone clients on a PC or PDA.

1009643001	SIP station license for 1 SIP telephone	1009643006	SIP station license for 6 SIP telephones
1009643012	SIP station license for 12 SIP telephones	1009643036	SIP station license for 36 SIP telephones

AlphaNet and multi-module linking for the AlphaCom XE Audio Servers can be via data networks. This does not require additional hardware inside the server, 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		
1009640202	Multi-Module VoIP license - 2 Modules	The multi-module license gives the possibility to expand the size of an Audio Server. It is possible to add up to 4 modules in a multi-module Audio Server. The modules will be linked together over a local area IP network (LAN). 30 VoIP channels are available in each server module. Note that the license is only required in the master module in the multi- module server.	
1009640203	Multi-Module VoIP license - 3 Modules		
1009640204	Multi-Module VoIP license - 4 Modules		
1009640211	Multi-module VoIP license, upgrade + 1 module		

SIP trunking gives the possibility to connect an AlphaCom XE 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.

1009642001	SIP Trunking, 1 line
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

1009648500	Basic Audio Messaging License
License requires AMC IP v11 hardware. Includes Delayed PA broadcast using recall to prevent feedback problems, 1 auto-attendant message, 2MB memory storage for audio messages	
1009648501	Enhanced Audio Messaging License
License requires AMC IP v11 hardware. Includes Delayed PA broadcast using recall to prevent feedback problems, 3 auto-attendant messages, 10MB memory storage for audio messages, Full ASVP functionality	
1009648502	PA Recall License
License can be installed on both AMC IP v10 and v11 hardware. Includes Delayed PA broadcast using recall to prevent feedback problems	

FEATURE CARDS

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): 230 x 263 x 10 mm Weight: 0.5 kg

Related items: See connection material

1009101010

SUBSCRIBER LINE BOARD, ASLT

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



Size (WxHxD): 230 x 263 x 10 mm Weight: 0.5 kg

Related items: See connection material

1009303001

GENERAL PURPOSE AUDIO INTERFACE, AGA

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



Size (WxHxD): 230 x 263 x 10 mm Weight: 0.5 kg

Related items: See connection material

UPGRADE KITS

1009511000

AMC-IP FILTER CARD 

- 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: 0.1 kg

Related items: 1009202100 Processor Board, AMC-IP-Version 11

1009202100

PROCESSOR BOARD, AMC-IP - VERSION 11 

- Supports 552 IP stations
- Global networking and integration
- IP, SIP and analog station support
- SIM card based software configuration and disaster recovery
- Backwards compatible with older AlphaCom systems



Size (WxHxD): 10 x 230 x 263 mm Weight: 0.5 kg

Related items: 1009511000 AMC-IP Filter Card

1009296100

SIM CARD ALPHACOM XE1 AND XE7

1009296200

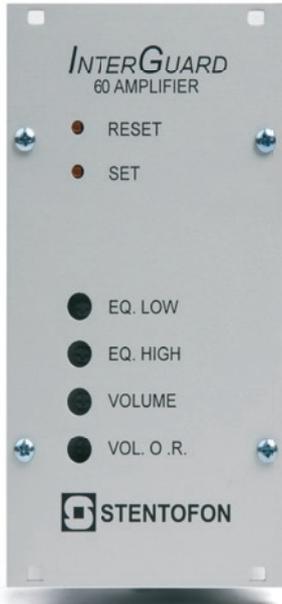
SIM CARD ALPHACOM XE20 AND XE26

- Holds hardware ID (MAC) and IP configuration for the AMC-IP Card

Weight: 0.1 kg

Related items: 1009202100 Processor Board, AMC-IP - Version 11

AUDIO SERVER 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, 3U height
- Up to 21 amplifiers in parallel

Size (WxHxD): 3,5U x 5U x 12U Weight: 1.2 kg

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 XE has more than 102 subscribers
- Also if power redundancy is required and the audio server was originally equipped with an AC-power supply

Size (WxHxD): 95 x 236 x 245 mm Weight: 4.3 kg

Related items: All AlphaCom XE20 and XE26 Audio Servers

2030010260

MAINS TRANSFORMER 6A

- This transformer is recommended for AlphaCom XE7 packages up to 24 lines
- 230-250V AC, 50-60Hz / 24V AC, 150VA
- EN 61558-2-6

Size (WxHxD): 92 x 130 x 87 mm Weight: 2.4 kg

Related items: 1009607000 AlphaCom XE7, 1009607300 AlphaCom XE7



2030010270

MAINS TRANSFORMER 11A

- This transformer is recommended for AlphaCom XE7 packages up to 36 lines
- 230-250V AC, 50-60Hz / 24V AC, 260VA
- EN 61558-2-6

Size (WxHxD): 106 x 153 x 98 mm Weight: 4.2 kg

Related items: 1009607000 AlphaCom XE7, 1009607300 AlphaCom XE7



1009960100

MICROPHONE AMPLIFIER FOR DYNAMIC MICROPHONE - MADR

- 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): 70 x 100 x 32 mm Weight: 0.1 kg

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



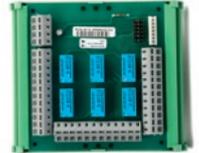
Size (WxHxD): 85 x 75 x 43 mm Weight: 0.2 kg

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 server or from the RIO unit



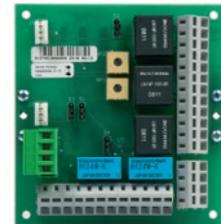
Size (WxHxD): 123 x 78 x 32 mm Weight: 0.1 kg

Related items: All AlphaCom XE Audio Servers 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 audio server and the external equipment



Size (WxHxD): 95 x 100 x 25 mm Weight: 0.1 kg

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 XE 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 XE Audio Server. Up to 30 RIO's can be connected to a server thereby controlling up to 500 RCO's



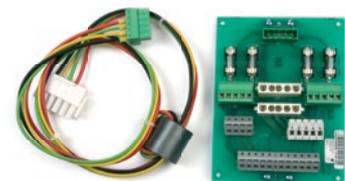
Size (WxHxD): 125 x 225 x 50 mm Weight: 0.55 kg

Related items: All AlphaCom XE Audio Servers

1009970101

POWER DISTRIBUTION BOARD

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



Size printcard (WxHxD): 130 x 100 x 32 mm Weight: 0.1 kg

Related items: All AlphaCom XE26 Audio Servers

CONNECTION MATERIAL



100950100
LINE CONNECTION MODULE

- Easy to connect to AlphaCom XE20 and XE26. (See installation manual for XE7)
- 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): 401 x 86 x 50 mm Weight: 0.7 kg

Related items: 1009501011 1.5m flat ASLT Connection Cable with filter board, 1009501014 3m flat ASLT Connection Cable with filter board, 1009503000 APC Connection Kit



1009501011
1.5M FLAT ASLT CONNECTION CABLE WITH FILTER BOARD

1009501014
3M FLAT ASLT CONNECTION CABLE WITH FILTER BOARD

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

Size printcard (WxHxD): 73 x 141 x 16 mm Weight: 0.1 kg

Related items: All AlphaCom XE20 and XE26 Audio Servers, 1009930200 Connection board for ASLT



1009501021
5M ROUND ASLT CONNECTION CABLE WITH FILTER BOARD

1009501023
10M ROUND ASLT CONNECTION CABLE WITH FILTER BOARD

- This cable is normally used when the distribution field is placed away from the server
- The free end of the cable is unterminated

Size printcard (WxHxD): 73 x 141 x 16 mm Weight: 0.1 kg

Related items: All AlphaCom XE20 and XE26 Audio Servers

1009501041

FILTERCARD WITH 6 X RJ45 CONNECTORS

- Allows direct connection of a CAT5 installation cable to the back of the server
- Can be used for ASLT and ATLB cards



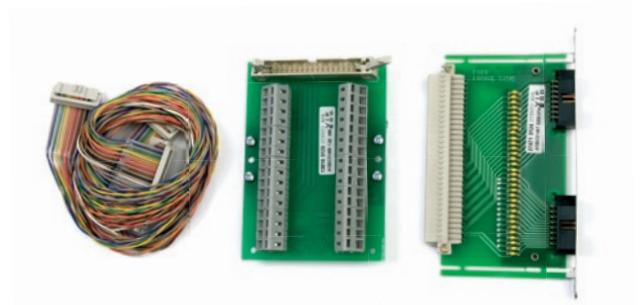
Size (WxHxD): 73 x 141 x 16 mm Weight: 0.1 kg

Related items: All AlphaCom XE20 and XE26 Audio Servers

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



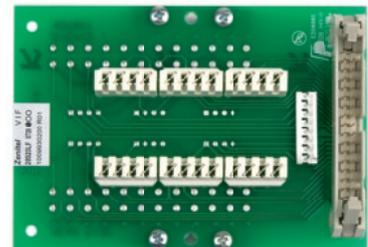
Size printcard (WxHxD): 73 x 141 x 16 mm Weight: 0.1 kg

Related items: All AlphaCom XE20 and XE26 Audio Servers

1009930200

CONNECTION BOARD FOR ASLT, KRONE TERMINALS

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



Size (WxHxD): 100 x 70 x 28 mm Weight: 0.1 kg

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: 0.1 kg

Related items: AlphaCom XE7 Audio Server, 1009101010 Subscriber Line Board, ASLT

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: 0.3 kg

Related items: All AlphaCom XE20 and XE26 Audio Servers

SYSTEM MANAGEMENT & BILLING SOFTWARE

ALPHAPRO

AlphaPro is the tool for configuring the AlphaCom XE system. It is self contained, simple to install and easy to use. When a new server is to be configured, the server 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



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 autoloader are required.

1009291100	AlphaPro professional, parallel port dongle
1009291120	AlphaPro professional, USB dongle

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 server. Once all parameter are entered, AlphaPro can be connected to the server and the parameters can be sent. AlphaPro can also upload configuration information from an server.

- AlphaPro connects to an server 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

BILLING SOFTWARE

The Billing application makes it possible to control the communication fees and expenses in a STENTOFON AlphaCom XE system. The application is a full billing system which can generate revenues from the STENTOFON system. It is possible to handle a set of billing scenarios. Fees can, for instance, be calculated depending on carrier type, duration, called number, and time of day. The billing of the users can be done by either prepaid or post-paid payment methods.

1009647902	Billing - 2 external trunks / 400 users
1009647904	Billing - 4 external trunks / 400 users
1009647908	Billing - 8 external trunks / 400 users
1009647916	Billing - 16 external trunks / 400 users
1009647932	Billing - 32 external trunks / 400 users



STENTOFON SOFTWARE DEVELOPMENT KIT

The STENTOFON Software Development Kit (SDK) makes it easy for 3rd party developers to make value added applications for integration with the AlphaCom E and XE system. The SDK is based on Microsoft .NET technology. This gives the 3rd party developer access to a wide set of software components as well as an extensive Microsoft .NET development environment and tool set. Some examples of applications which are possible to make using the SDK:

- Integrated control room panel on a touch-screen for public address, radio and intercom
- Interactive intercom icons on a map with ability to call, broadcast public address, and listen in
- Integration with video analytics to provide voice response if someone is trespassing
- Integration with CCTV, where a camera is switched on Voice Activity Detection
- PC based Call Handler with graphical user interface for control rooms and guards

Availability

To get access to the STENTOFON SDK, please contact our support at SDKsupport@zenitel.com

SDK contents

The STENTOFON SDK consists of a number of assemblies (DLLs) which can easily be integrated with software written in C# or VB.NET.

To further support 3rd party developers, STENTOFON has made help files, a quick start manual, Wiki pages and example applications including source code to get you fast up to speed with writing value added applications for the STENTOFON AlphaCom E and XE platform.

SPARES

1009304005 ▪ English **1009304004** ▪ German **1009304006** ▪ French
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): 230 x 263 x 10 mm Weight: 0.5 kg

1009304011 **1009304001** **1009304002** **1009304003**

- Swedish
- Norwegian
- Finnish
- Danish

1009201000

PROCESSOR BOARD, AMC - VERSION 9

- This board contains software and hardware controlling the AlphaCom system



Size (WxHxD): 230 x 263 x 10 mm Weight: 0.5 kg

Related items: AlphaCom M, 80+ and 138

1009202000

PROCESSOR BOARD, AMC-IP - VERSION 10

- 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): 230 x 263 x 10 mm Weight: 0.5 kg

Related items: 1009511000 AMC-IP Filter Card

1009301000 **1009301010**

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
- 1009301010 Equipped with microcontroller for High Availability Audio Server



Size (WxHxD): 230 x 263 x 10 mm Weight: 0.5 kg

Related items: 1009626001 AlphaCom XE26 High Availability, 1009626002 AlphaCom XE20/XE26 High Availability

1009102000

SUBSCRIBER LINE BOARD, ATLB

- Each board provides 6 analogue telephone (DTMF) connections



Size (WxHxD): 230 x 263 x 10 mm Weight: 0.5 kg

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

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



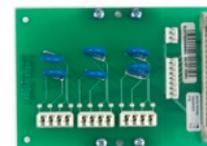
Size (WxHxD): 230 x 263 x 10 mm Weight: 0.5 kg

Related items: 1009509000 Installation set for AE1

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): 100 x 78 x 28 mm Weight: 0.1 kg

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

A100C07814

PSU FOR THE ALPHACOM M, E7 AND XE7



1009509000

INSTALLATION SET FOR AE1

- Filter board and cable for AE1 card



1009501031

1.5M FLAT ATLB CONNECTION CABLE WITH FILTER BOARD

1009501034

3M FLAT ATLB CONNECTION CABLE WITH FILTER BOARD

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

Weight: 0.1 kg



TELEPHONE GATEWAYS

2200003000 GSM GATEWAY

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



Size (WxHxD): 145 x 173 x 45 mm Weight: 1.2 kg

Related items: 1009642001 SIP trunking license

2200001000 AUDIOCODES MP-114 GATEWAY

- Connects STENTOFON AlphaCom XE 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): 220 x 42 x 172 mm Weight: 0.5 kg

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

2200001008 AUDIOCODES MP-118 GATEWAY

- Connects STENTOFON AlphaCom XE 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): 220 x 42 x 172 mm Weight: 0.5 kg

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

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

VPA-120 POWER AMPLIFIER, 120W

Size (WxHxD): 482 x 133 x 420 mm Weight: 18.2 kg

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): 482 x 133 x 420 mm Weight: 21.2 kg

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): 482 x 133 x 420 mm Weight: 24.2 kg

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

VML-15T

HORN SPEAKER, 15W, 100V LINE

- General purpose 15W horn loudspeaker
- Used with 100 V line amplifier
- 2.8 m cable included
- IP-66



Size (WxHxD): 250 x 145 x 298 mm Weight: 1.35 kg

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

DSP-15EEeNT

EX SPEAKER 15W, WT IP67

- Horn speaker in Antistatic Polyamide
- For Zone 1
- 100V line transformer
- Adjustable power tapping
- IP-67 ATEX approved



Size (WxHxD): 186 x 144 x 207 mm Weight: 2.2 kg

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-wiring with 2x20 mm cable glands



Diameter: 200 mm Depth: 101 mm Weight: 1.35 kg

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: 152 mm Depth: 90 mm Weight: 1.5 kg

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

CP-6T

LOUDSPEAKER, 6W, 100V

- 6 W office speaker
- Ideal for Public Address and background music
- 100/70V line



Size (WxHxD): 195 x 150 x 70 mm Weight: 0.8 kg

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

CP-66T

BIDIRECTIONAL LOUDSPEAKER, 6W, 100V

- 6W bidirectional corridor speaker
- Ideal for Public Address and background music
- 100/70V line



Size (WxHxD): 270 x 150 x 70 mm Weight: 0.9 kg

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

CAS-30T

COLUMN SPEAKER, 30W, 100V

- 30W column speaker for all applications
- Suitable for both indoor and outdoor use
- IP54
- 100/70V line



Size (WxHxD): 102 x 600 x 109 mm Weight: 3.4 kg

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



SIP INTERCOM



The STENTOFON SIP Substation and kit supports integration of custom-made IP intercom stations to any IPBX. The station also supports a wide set of open protocols that allows integration with any IPBX system as well as 3rd party management systems.

The STENTOFON SIP Vandal Proof Substation is tough, durable and resilient, and designed for use in the harshest environments. The station is typically used as a communication, information or emergency point and connects directly to the IP network, making it easy to deploy – anywhere and at any distance.

Like all STENTOFON stations, this SIP substation features superb audio quality. This is enabled through a set of advanced technologies such as active noise filtering, acoustic echo cancellation, wide band audio codec, and high power audio outputs.

The PCB has two logical outputs. These outputs can for instance be used to open a door through a connected relay.

The SIP substation has an integrated managed data switch providing advanced networking and security features. The integrated switch provides support for:

- Protection from unwanted access
- Quality of Service (QoS) by managing data traffic
- Increased system availability through redundant LAN infrastructure
- Cost efficient installation by providing shared network connections through the integrated data switch

All this enables you to deliver instant, efficient and secure voice and data services in an IP environment using a terminal designed to fit the environment.



1008061100

SIP VANDAL RESISTANT SUBSTATION 

1008061150

SIP VANDAL RESISTANT SUBSTATION CONFORMAL COATED



- Vandal and water resistant
- Designed in stainless steel (A304) to withstand corrosion
- SIP support for integration to any IPBX
- Supports integration with 3rd party management tools via open protocols
- Integrated data switch with advanced networking and security functions
- Relay output for remote control, e.g. doors, signal lamps and gates
- Powered from the IP network cable using Power over Ethernet (PoE)
- Superb audio quality – high bandwidth codec, active noise cancellation, acoustic echo cancellation and high output power amplifier

Size (WxHxD): 92 x 180 x 54 mm Weight: 0.8 kg

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

1008065200

SIP SUBSTATION KIT 

1008065250

SIP SUBSTATION KIT CONFORMAL COATED 

- SIP support for integration to any IPBX
- Supports integration with 3rd party management tools via open protocols
- Integrated data switch with advanced networking and security functions
- Supports production of custom-made intercom substations
- Relay output for remote control, e.g. doors, signal lamps and gates
- Powered from the IP network cable using Power over Ethernet (PoE)
- Superb audio quality – high bandwidth codec, active noise cancellation, acoustic echo cancellation and high output power amplifier

Size (WxHxD): 72 x 110 x 20 mm Weight: 0.1 kg

Related items: 1008091000 Mounting and Assembly Kit for IP substation





PRO 700



Pro700 is a direct speech intercom system for handsfree, internal communication with up to 20 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 an "all-to-all" system. From any master station it gives the caller immediate connection to any other master or substation in the system.

Pro700 is equipped with one conversation link. In addition, a program distribution channel for e.g. music is available. The system also provides for easy integration with radio and Public Address systems, and a hidden alarm button for silent alarm and emergency calls is available.



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): 68 x 225 x 45 mm Weight: 0.3 kg

Related items: GF732 Wall Bracket for AA711, BF640/41/42 Cord

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): 80 x 220 x 51 mm Weight: 0.4 kg

Related items: BF636 Front plate for flush mounting, BF635 Backbox Plaster



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): 124 x 244 x 63 mm Weight: 0.8 kg

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): 125 x 280 x 50mm Weight: 0.5 kg

Related items: 1000603000 On Wall Backbox, FC740 10W Internal Amplifier Module

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): 125 x 280 x 50 mm Weight: 0.9 kg

Related items: 1000603000 On Wall Backbox



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): 160 x 240 x 137 mm Weight: 1 kg

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): 80 x 220 x 51 mm Weight: 0.4 kg

Related items: BF636 Front plate for flush mounting



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): 80 x 220 x 51 mm Weight: 0.4 kg

Related items: BF636 Front plate for flush mounting





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): 90 x 180 x 65 mm Weight: 1.5 kg

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): 130 x 220 x 60 mm Weight: 0.9 kg

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): 90 x 180 x 65 mm Weight: 1.5 kg

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): 130 x 220 x 60 mm Weight: 0.9 kg

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): 124 x 244 x 63 mm Weight: 0.8 kg

Related items: FC740 10W Internal Amplifier Module



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): 140 x 40 x 65 mm Weight: 0.3 kg

Related items: DP996 Scream Alarm Module

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): 80 x 110 x 63 mm Weight: 0.4 kg

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: 1.1 kg

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

1000603000
SURFACE BACKBOX

- AA704 and AA706



Size (WxHxD): 137 x 284 x 65 mm Weight: 0.5 kg

Related items: For stations AA704 and AA706

PRO211
HANDSET, WALL MOUNT

- For wall mounting

Size (WxHxD): 80 x 240 x 155 mm Weight: 0.9 kg

Related items: AA703 Industrial Master Station



PRO221
HANDSET, FLUSH

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

Size (WxHxD): 80 x 280 x 125 mm Weight: 0.65 kg

Related items: AA704 Console 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: 1.1 kg

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

BF636
FRONT PLATE FOR FLUSH MOUNTING

- Swap on

Size (WxHxD): 140 x 280 x 4.5 mm Weight: 0.1 kg

Related items: For stations AA702, AB708, AB709



GF732

WALL BRACKET FOR AA711

- For wall mounting



Size (WxHxD): 60 x 100 x 40 mm Weight: 0.2 kg

Related items: AA711 Desk/wall master station

HD752

AUDIO INTERFACE UNIT

- Public Address and Radio Interface



Size (WxHxD): 220 x 65 x 145 mm Weight: 0.1 kg

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

KB172

SOCKET, 8 PIN MODULAR JACK, FLUSH MOUNT

- ABS plastic connection box with 8 pin RJ45



Size (WxHxD): 88 x 88 x 20 mm Weight: 0.4 kg

Related items: AA711 Desk/wall Master Station

BF635

BACKBOX FOR STATIONS, FLUSH

- For concrete mounting

Size (WxHxD): 112 x 266 x 60 mm Weight: 0.3 kg

Related items: For stations AA702, AB708, AB709

GH750

MULTIPURPOSE RELAY UNIT, CAMERA SWITCH

- 8 programmable relays for operation of camera when calling stations



Size (WxHxD): 145 x 220 x 65 mm Weight: 0.1 kg

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

HD754

TELEPHONE INTERFACE

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



Size (WxHxD): 240 x 60 x 160 mm Weight: 0.1 kg

Related items: Traditional telephones (source locally)

KB171

SOCKET, 8 PIN MODULAR JACK, SURFACE MOUNT

- ABS plastic connection box with 8 pin RJ45



Size (WxHxD): 51 x 51 x 22.5 mm Weight: 0.4 kg

Related items: AA711 Desk/wall Master Station

BF934

BACKBOX FOR STATIONS, FLUSH

- For concrete mounting

Size (WxHxD): 134 x 104 x 60 mm Weight: 0.3 kg

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

DP996

SCREAM ALARM MODULE

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

Size (WxHxD): 114 x 14 x 60 mm Weight: 0.1 kg

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

BF640

CORD, 2M, 8 WIRE, RJ45-RJ45

BF641

CORD, 6M, 8 WIRE, RJ45-RJ45

BF642

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



LA617

POWER SUPPLY 230VAC/18VDC, 1A

- 230V/18V DC, 1 AMP, for max. 5 stations



Weight: 0.5 kg

Related items: Typically one per PRO700 system

FC740

10 WATT INTERNAL AMPLIFIER MODULE

- Plug on PCB inside the station



Size (WxHxD): 95 x 28 x 89 mm Weight: 0.95 kg

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

LA618

POWER SUPPLY 230VAC/18VDC, 4A

- 230V/18V DC, 4 AMP, for max. 20 stations



Weight: 0.5 kg

Related items: Typically one per PRO700 system

LA925

POWER SUPPLY, 230VAC/24VDC, 4A

- 230V/27V DC, 5 AMP, for max. 25 stations



Weight: 0.5 kg

Related items: Typically one per PRO700 system

GF632

WALL BRACKET FOR AA701, AB707

- Available until stock is depleted



Size (WxHxD): 60 x 100 x 40 mm Weight: 0.2 kg

Related items: For stations AA701 and AB707



BI-WAY



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): 93 x 224 x 65 mm Weight: 0.3 kg

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 10 m flexible loudspeaker cable
- Includes alco-pad for screen cleaning



Size (WxHxD): 105 x 106 x 72 mm Weight: 0.2 kg

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

LBB 7026/73

BI-WAY EXTERNAL MICROPHONE

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



Weight: 0.1 kg

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): 320 x 12 mm Weight: 0.1 kg

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: 0.1 kg

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): 160 x 58 mm Weight: 0.7 kg

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

LBB 7102/60

POWER SUPPLY 12V/8W

- 230V AC, +6/-10%
- 50/60 Hz
- Double insulated and thermal fused



Size (WxHxD): 100 x 51 x 63 mm Weight: 0.5 kg

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): 130 x 265 x 18 mm

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

LBB 7102/63

PSU, HEARING AID UNIT 12V AC EURO CONNECTOR

- 230 V/12 V AC
- 8 W power supply with Euro-connector



Size (WxHxD): 100 x 51 x 63 mm Weight: 0.5 kg

Related items: LBB 7026/82 Bi-way hearing aid kit

LBB 7102/64

PSU, HEARING AID UNIT 12V AC UK CONNECTOR

- 240 V/12 V AC. 8 W power supply with UK connector
- **Available until stock is depleted**



Size (WxHxD): 100 x 51 x 63 mm Weight: 0.5 kg

Related items: LBB 7026/82 Bi-way hearing aid kit

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: 0.5 kg

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: 0.4 kg

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): 120 x 254 x 60 mm

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

LBB 7073/84

CRADLE BRACKET

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



Weight: 0.3 kg

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

NOTES

STENTOFON ORDER NUMBERS

1000142500	35	1008031000	14	1009501021	42	1009648501	38
1000602000	19	1008031000	19	1009501023	42	1009648502	38
1000602800	19	1008041100	21	1009501031	45	1009649901	15
1000603000	19	1008041100	24	1009501034	45	1009649902	15
1000603000	54	1008041150	21	1009501041	43	1009649903	15
1000614100	41	1008051000	21	1009501100	43	1009649904	15
1000629700	22	1008061100	49	1009503000	43	1009649905	15
1000629800	22	1008061150	49	1009505000	41	1009649906	15
1007006101	15	1008065200	49	1009509000	45	1009649907	15
1007006110	15	1008065250	49	1009511000	39	1009703000	40
1007006180	16	1008090200	34	1009601002	36	1009800115	11
1007006181	16	1008090250	34	1009608000	36	1009800130	11
1007006182	16	1008091000	35	1009608100	36	1009800215	11
1007006190	15	1008091100	11	1009608106	36	1009800230	11
1007007000	11	1008093000	34	1009608300	36	1009930200	43
1007007010	11	1008097100	14	1009621000	37	1009930202	45
1007034210	9	1008097500	14	1009627000	37	1009930300	43
1007034310	10	1008098000	22	1009627001	37	1009950100	42
1007036210	9	1008098001	22	1009627002	37	1009960100	41
1007036310	10	1008098100	22	1009627100	37	1009970101	41
1007036600	18	1008098300	22	1009627200	37	1009970200	41
1007040000	19	1008098600	16	1009640002	38	1009970500	41
1007042000	19	1008098700	16	1009640008	38	1009971000	40
1007043000	15	1008098700	19	1009640016	38	1009990200	40
1007046000	19	1008098800	16	1009640030	38	1070601010	22
1007056100	21	1008099000	35	1009640108	38	1070601010	25
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1007056200	21	1009102000	45	1009640203	38	1070601020	25
1007060100	35	1009104000	39	1009640204	38	1076036600	18
1007060105	35	1009201000	45	1009640211	38	2030010260	40
1007060110	35	1009202000	45	1009641001	38	2030010270	40
1007060120	25	1009202100	39	1009641006	38	2131000100	47
1007060130	25	1009291100	44	1009641012	38	2200001000	46
1007060150	25	1009291120	44	1009641036	38	2200001008	46
1007061000	24	1009294100	15	1009641138	38	2200002000	46
1007063000	24	1009294120	15	1009642001	38	2200003000	46
1007071090	10	1009296100	39	1009642002	38	2210020001	33
1007072090	10	1009296200	39	1009642004	38	2210020002	33
1007080000	27	1009301000	45	1009642008	38	2210020003	33
1007082000	27	1009301010	45	1009642016	38	2211000100	32
1007083000	27	1009303001	39	1009642104	38	2211000600	32
1007085000	27	1009304001	45	1009643001	38	2211000605	32
1007086000	27	1009304002	45	1009643006	38	2211000606	32
1007095000	28	1009304003	45	1009643012	38	2211010100	33
1007095300	28	1009304004	45	1009643036	38	2211050100	33
1007102000	35	1009304005	45	1009647902	44	2211050101	32
1008000000	9	1009304006	45	1009647904	44	2211050120	33
1008001000	9	1009304011	45	1009647908	44	2211050130	33
1008010100	14	1009305000	45	1009647916	44	2211100500	31
1008010101	14	1009501011	42	1009647932	44	2211100501	31
1008015000	18	1009501014	42	1009648001	14	2211100502	31
				1009648500	38	2211100550	31

2211100551	31	DP996	55
2211100552	31	DSP-15EExeN	29
2211100553	31	DSP-15EExeNT	47
2211100554	31	EHS-240	29
2211100555	31	EHS-2200	29
2211100600	31	EOTRF10115	29
2211100605	31	EQPOW20490	16
2211100610	31	FC740	56
2211100700	31	GF632	56
2211100705	31	GF732	55
2211100710	31	GH750	55
2211100715	31	HB-90	29
2211200100	32	HB-105	29
2211200102	32	HD752	55
2211200110	32	HD754	55
2211200111	32	HP-15	29
2213000100	28	JB-15T	29
2213000200	28	KB171	11
2220050001	11	KB171	55
2241100558	33	KB172	11
2241100559	33	KB172	55
2990000030	16	LA617	56
890070737601	25	LA618	56
A100C01425	35	LA925	56
A100C07814	45	LBB 7026/60	58
AA702	51	LBB7026/65	58
AA703	51	LBB 7026/71	58
AA704	52	LBB 7026/73	58
AA705	52	LBB 7026/80	58
AA706	52	LBB 7026/81	59
AA711	51	LBB 7026/82	59
AB708	52	LBB 7026/83	58
AB709	52	LBB 7073/61	59
AB731	53	LBB 7073/70	59
AB731A	53	LBB 7073/82	59
AB731A-F	53	LBB 7073/84	59
AB731-F	53	LBB 7102/60	59
BC735	53	LBB 7102/63	59
BD702	54	LBB 7102/64	59
BF635	55	PRO-36-PEL	54
BF636	54	PRO-36-PELP	54
BF640	56	PRO211	54
BF641	56	PRO221	54
BF642	56	VML-15T	47
BF934	55	VML-1520	29
CAR-4TF	47	VMP-36-PEL	28
CAS-30T	47	VMP-36-PELP	28
CD-7	54	VMP-211	28
CD-7-VMP	29	VMP-250	28
CP-6T	47	VPA-120	46
CP-66T	47	VPA-240	46
CRB-7	29	VPA-400	46



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