



AlphaCom Product Catalogue

2008



When Communication is Critical



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STENTOFON Critical Communication over IP - CCoIP®

- Intercom IP to the edge - using IP to its full potential

Hi-fi Audio Quality

Voice is carried within the system at Hi-fi bandwidth (18kHz) and is much clearer than any telephone. Also when telephone trunks (E1/T1) or IP connections link exchanges (between buildings or even countries), our G.722 codec option enables a far-better-than-telephone quality to be maintained.

Reliability, Resilience and System Integrity

Unlike a telephone system, the AlphaCom E continuously monitors all connections – even to substations – for complete integrity. When you need to make that one vital call the system works. The system has an excellent reputation for reliability, and with both IP and E1/T1 networking, offers the possibility of alternative routing to avoid network problems.

Investment Protection

Our most up-to-date exchanges make full use of the latest in TCP/IP technology, yet maintain backward compatibility with stations that were installed 40 or so years ago. That is what we call 'future-proof'. We regularly receive calls from

customers who have systems that have been in service for 20, 25 or even 30 years. Our policy of backward compatibility means that you can be sure that your investment will pay itself back many times over during the life of the equipment.

Low Cost of Ownership

The inherent reliability and longevity keeps the baseline cost to a minimum. Maintenance costs too are kept down, with the possibility of remote programming and system diagnostics over IP. It adds up to a package which, once installed, is going to stay in service with very little attention for a long time.

Financial Trading Systems

High-capacity, exchanges allow trading systems to be built up with thousands of users. A comprehensive feature set, including group calls, all-call, call forward, etc. sits comfortably within the most advanced corporate communications environment. System integrity is enhanced with powerful site interconnection capabilities, alternate routing over IP and/or E1, live fault management and voice recording.



New

1008010000

IP CRM V Master

- * Made for STENTOFON Critical Communication over IP - CCoIP®
- * Large high contrast display with backlight for excellent readability
- * Superb audio technology
- * Call request queue
- * Four programmable Direct Access Keys (DAK) with status notification lights
- * Four function keys with labelling on the display
- * White light behind all keys for excellent readability in dark environments
- * Noise cancelling gooseneck microphone
- * Optional handset unit
- * Integrated Web server for easy configuration and monitoring
- * Remote automatic software update

Size (WxHxD) in mm: 125x280x50

Weight in g: 370

Expected delivery from 1/6-2008

New

1008031000

IP Flush Master, display

- * Made for STENTOFON Critical Communication over IP - CCoIP®
- * Large high contrast display with backlight for excellent readability
- * Superb audio technology
- * Optional handset unit
- * Integrated Web server for easy configuration and monitoring
- * Remote automatic software update

Size (WxHxD) in mm: 125x280x50

Weight in g: 370

Expected delivery from 1/6-2008

New

1008032000

IP Flush Master, display and gooseneck

- * Made for STENTOFON Critical Communication over IP - CCoIP®
- * Large high contrast display with backlight for excellent readability
- * Superb audio technology
- * Noise cancelling gooseneck microphone
- * Optional handset unit
- * Integrated Web server for easy configuration and monitoring
- * Remote automatic software update

Size (WxHxD) in mm: 125x280x50

Weight in g: 370

Expected delivery from 1/6-2008

New

1008015000

IP OR Master, display

- * Made for STENTOFON Critical Communication over IP (CCoIP®)
- * Large high contrast display with backlight for excellent readability
- * Flat chemical resistant and anti-bacterial front surface for easy cleaning
- * 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) in mm: 125x280x50

Weight in g: 370

Expected delivery from 1/6-2008

New



1008097100

Handset for IP Flush Masters

Additional module for IP CRM V Master.

Expected delivery from 1/6-2008

New



1008093000

IP Master Station Kit, PCB

This is the same PCB as is used in the 1008010000. Intended for local manufacturing of IP-CCoIP stations.

Expected delivery from 1/6-2008



1008041100

IP Weather and Vandal Resistant IP Substation

with 1 vandal proof button.

- * Weather and vandal resistant
- * Remote software upgrade, configuration and monitoring
- * Dual Ethernet ports for daisy chaining IP stations or connection of other IP devices
- * Possible connection to external IP video camera
- * One relay output for door lock control or flash strobe light, etc.

Size (WxHxD) in mm: 92 x 180 x 54

Weight in kg: 0.8



1008098100

Flush Mount Back Box for 1008041100

Size (WxHxD) in mm: 80 x 168 x 50

Weight in kg: 0.8



1008098000

On Wall Mount Back Box for 1008041100

Size (WxHxD) in mm: 92 x 180 x 52

Weight in kg: 0.8



1008051000

IP Weather and Vandal Resistant IP Substation

for 3 gang Back Box with 1 red mushroom vandal proof button.

- * Weather and vandal resistant flush mount design
- * Remote software upgrade, configuration and monitoring
- * Dual Ethernet port for daisy chaining IP stations or connection of other IP devices
- * Possible connection to external IP video camera
- * One relay output for door lock control or flash strobe light, etc.

Size (WxHxD) in mm: 114 x 160 x 63

Weight in kg: 0.8



1008098300

3 gang Flush Mount Back Box for 1008051000

Size (WxHxD) in mm: 95 x 145 x 65

Weight in kg: 0.8



1008090200

IP Substation Kit

- * Optional conformal coating for use in harsh environments
- * Remote software upgrade, configuration and monitoring
- * Dual Ethernet ports for daisy chaining IP stations or connection of other IP devices, like an IP video camera
- * Relay output for e.g. door lock control
- * Tamper alarm input. Enables manufacturing of EN 81-28 and 81.70 compliant lift stations.

Size (WxHxD) in mm: 72 x 110 x 20

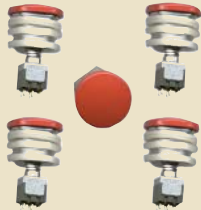
Weight: 100 g



1008091000

Mounting and Assembly Kit for IP Substation

The IP Substation Kit itself includes the PCB. An optional Mounting and Assembly Kit includes gaskets, two inch loudspeaker, loudspeaker housing and microphone with mounting block for call LED.



1008092000

5 Buttons - Mushroom Type, Red

Buttons are ordered separately in sets of 5 pcs. or purchased locally.

- Vandal proof 30 mm^Ø mushroom type, mounting hole 22.5 mm^Ø



1008092100

5 Buttons - Stainless Steel

Buttons are ordered separately in sets of 5 pcs. or purchased locally.

- Vandal proof 22 mm^Ø stainless steel, mounting hole 19.2 mm^Ø

Master Stations



1007007000

Dual display station

Desktop master station with full access to all features in the STENTOFON AlphaCom Exchanges. Delivered without the optional gooseneck microphone module.

Size (WxHxD) in mm: 72 x 140 x 270

Weight in kg: 0.4

1007007010

Microphone for Dual Display Station

Gooseneck microphone module.



1007001210

Desk Master Station

Slimline with handset and D-10 dialler, grey/black

Size (WxHxD) in mm: 112 x 132 x 260

Weight in kg: 0.64

Requires separately ordered station cable.



1007034210

Desk Master Station

Desk or Wall with handset and D-10 dialler, grey/black

Size (WxHxD) in mm: 225 x 75 x 176

Weight in kg: 0.7

Requires separately ordered station cable.



1007036210

Desk/Wall Master Station

Desk or Wall with D-10 dialler, grey/black

Size (WxHxD) in mm: 168 x 75 x 176

Weight in kg: 0.5

Requires separately ordered station cable.



1007001310

Desk Master Station, Display

Slimline with handset and D-10 dialler and display, grey/black

Size (WxHxD) in mm: 112 x 132 x 260

Weight in kg: 0.6

Requires separately ordered station cable.



1007034310

Desk/Wall Master Station, Display

Desk or wall with handset and D-10 dialler and display, grey/black

Size (WxHxD) in mm: 225 x 75 x 176

Weight in kg: 0.7

Requires separately ordered station cable.



1007036310

Desk/Wall Master Station, Display

Desk or wall with D-10 dialler and display, grey/black
Size (WxHxD) in mm: 168 x 75 x 176
Weight in kg: 0.5
Requires separately ordered station cable.



1007070090

Desk Master Station, Display

Slimline with handset and D-10 dialler and display, grey/black
Size (WxHxD) in mm: 112 x 132 x 260
Weight in kg: 0.6
Requires separately ordered station cable.



1007071090

Desk/Wall Master Station, Display

Desk or wall with D-10 dialler and display, grey/black
Size (WxHxD) in mm: 168 x 75 x 176
Weight in kg: 0.5
Requires separately ordered station cable.



1007072090

Desk/Wall Master Station, Display

Desk or wall with handset and D-10 dialler and display, grey/black
Size (WxHxD) in mm: 225 x 75 x 176
Weight in kg: 0.7
Requires separately ordered station cable.

Sockets



KB171

Wall Socket, RJ45, Surface Mounted



KB172

Wall Socket, RJ45, Flush Mounted

Cable



EPKAB98510

3 meters Station Cable with RJ45 Connector

EPKAB98515

0.5 meters Station Cable with RJ45 Connector

Flush Mount Stations



1006036600

OR Master Station

The 1006036600 is a flush mount master station and is designed for use in hospital operating rooms. Controls for speaker volume and microphone sensitivity are set internally. The totally flat surface of this station has a Mylar covering to allow easy wipe down and sterilization.
Size (WxHxD) in mm: 125 x 280 x 66
Weight in kg: 0.7
Requires 1000602000 flush or 1000603000 surface back box.



1007036600

OR Master Station with Display

The 1007036600 is a flush mount master station and is designed for use in hospital operating rooms. It features 4 programmable direct access keys and an LCD-display. Controls for speaker volume and microphone sensitivity are set internally. The totally flat surface of this station has a Mylar covering to allow easy wipe down and sterilization.
Size (WxHxD) in mm: 125 x 280 x 66
Weight in kg: 0.7
Requires 1000602000 flush or 1000603000 surface back box.

New



1007040000

Wall Master Station, Standard

Size (WxHxD) in mm: 125 x 280 x 53
Weight in kg: 0.6
Requires 1000602000 flush or 1000603000 surface back box.

New



1007042000

Wall Master Station, Display

With display and with 8 DAK (direct access keys).
Size (WxHxD) in mm: 125 x 280 x 53
Weight in kg: 0.6
Requires 1000602000 flush or 1000603000 surface back box.

New



1007043000

Console Master Station

This master station is designed for flush fitting in a console and a back box is available for this purpose.
Size (WxHxD) in mm: 125 x 280 x 53
Weight in kg: 0.8



1007046000

Wall Substation

With (1) doorbell button, weather resistant.
Size (WxHxD) in mm: 125 x 280 x 53
Weight in kg: 0.6
Requires 1000602000 flush or 1000603000 surface back box.



1000602000

Back Box - Flush

For standard wall mount station, flush mounting.

Size (WxHxD) in mm: 120 x 260 x 62

Weight in kg: 0.6



1000603000

Back Box - Surface

For standard wall mount station, surface mounting.

Size (WxHxD) in mm: 138 x 280 x 65

Weight in kg: 1

1000602800

Front Panel

For back boxes above.

Control Room Master Station and Accessories



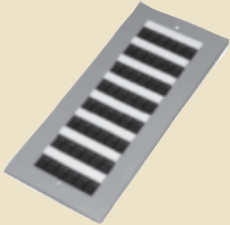
1007006101

Control Room Master IV

Includes 4 x 20 character alphanumeric LCD display with backlight, 4 programmable singletouch 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. Requires 12 V DC power supply.

Size (WxHxD) in mm: 125 x 280 x 25

Weight in kg: 0.75



1007006110

DAK-48 Unit

48 single touch keys with 2 independent programmable LED's each.

Maximum 2 DAK-48 Units per CRM IV station.

Size (WxHxD) in mm: 125 x 280 x 30

Weight in kg: 0.3



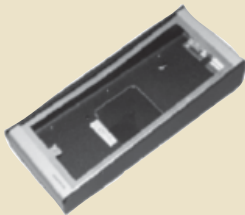
1007006190

Handset Unit

with PTT-function.

Size (WxHxD) in mm: 125 x 280 x 30

Weight in kg: 0.45

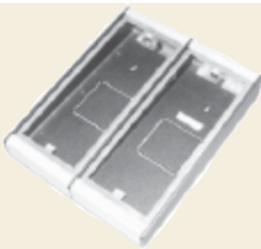


1007006180

Single Back Box

Size (WxHxD) in mm: 135 x 320 x 75

Weight in kg: 1



1007006181

Double Back Box

Size (WxHxD) in mm: 265 x 320 x 75

Weight in kg: 2



1007006182

Two Housing Mounting Kit

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

Weight in kg: 0.1



1007080000

Light Industrial Master Station with Loudspeaker

Splashproof, grey bayblend plastic housing. Built-in speaker, Mic. & LED. 10W VOX-operated amplifier for ext. 8-20 Ohm loudspeaker

Size (WxHxD) in mm: 124 x 244 x 63

Weight in kg: 0.9



1007082000

Noise Cancelling Industrial Master Station

Weatherproof. Noise cancelling Mic. & LED. 10W VOX-operated amplifier for ext. 8-20 Ohm loudspeaker.

Size (WxHxD) in mm: 160 x 240 x 137

Weight in kg: 1.1



1007086000

Heavy Duty Industrial Master Station

Master station with free access to all extensions and features. 10W VOX-operated amplifier for ext. 8-20 Ohms loudspeaker.

Size (WxHxD) in mm: 160 x 260 x 100

Weight in kg: 1.1

Equipped with 4 direct access keys.

Industrial Substations



1007083000

Heavy Duty Industrial Substation

Weatherproof. Noise cancelling microphone and built-in loudspeaker, 10W VOX-operated amplifier for external loudspeaker. Programmable call button, simplex and cancel buttons.

Size (WxHxD) in mm: 160 x 260 x 92

Weight in kg: 1.1



1007085000

Heavy Duty Industrial Substation

Weatherproof. Noise cancelling microphone and built-in loudspeaker, 10W VOX-operated amplifier for external loudspeaker. Programmable call button.

Size (WxHxD) in mm: 160 x 260 x 92

Weight in kg: 1.1

Accessories for Industrial Stations



VMP-211

Handset for Industrial Stations

Size incl. handset (WxHxD) in mm: 80 x 250 x 155

Weight in kg: 0.9



VMP-250

Handset for Industrial Stations

Size incl. handset (WxHxD) in mm: 98 x 242 x 153

Weight in kg: 0.9



VMP-36-PEL

Headset with 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.



VMP-36-PELP

Portable headset with 10m Cable and Plug

- Headset for connection to CD-7 Plug Box for VMP-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.



CD-7-VMP

Plug box WT

- Is a watertight plug box
- Is designed to be used together with PRO-36-PELP, portable headset
- Has socket with dustcap
- Has headset with ON/OFF button
- Is delivered for bulkhead mounting
- Is suitable for installation in noisy or deck areas.



HP-15

Horn Loudspeaker, 8 ohm, 15W



VML-1520

Horn Loudspeaker, 20 ohm, 15W

EOTRF10115

220V AC/12V AC Transformer for Industrial Stations with Power Amplifier



EHS-240

Rotary light, 24V DC, Orange

Can be used in noisy areas to indicate a call.
IP 54.



EHS-2200

Rotary light, Mains 220-240V AC, Orange

Can be used in noisy areas to indicate a call.
IP 54.

Tamper and Vandal Resistant Stations and Accessories



1070601010

Tamper Resistant Substation

with 1 button.

Size (WxHxD) in mm: 190 x 140 x 64

Weight in kg: 1.15

Requires 1000629700 flush or 1000629800 surface backbox.



1070601020

Tamper Resistant Substation

with 2 buttons (to call second master or music selection).

Size (WxHxD) in mm: 190 x 140 x 64

Weight in kg: 1.15

Requires 1000629700 flush or 1000629800 surface backbox.



1000629700

Back Box - Flush Mount

for tamper resistant substations above.

1000629800

Back Box - Surface Mount

for tamper resistant substations above.



1007061000

Tamper and Vandal Proof Station

with 1 button.

* Intercom station designed for prison 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, microphone/speaker protection and water resistant.

* Integrated light signalling system.

* Redundant backup for power and signalling.

Size (WxHxD) in mm: 128 x 264 x 51

Weight in kg: 0.95



1007063000

Tamper and Vandal Proof Station

with 5 buttons.

- Intercom station specially designed for prison and correctional facilities.
- Tamper and scream alarm, guard presence mode and several I/Os for adaptation to local needs.
- Bed light control and music distribution with volume control and channel indication.
- Vandal proof design with 2.5 mm steel front, sensor buttons, microphone/speaker protection and water resistant.
- Integrated light signalling system.
- Redundant backup for power and signalling.

Size (WxHxD) in mm: 128 x 264 x 51

Weight in kg: 0.95



1007060130

Corridor Lamp

The unit has 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.



1007060120

Remote Call Button

This is a tamper proof button which for example can be connected to the 1007061000 and 1007063000 stations as an additional call button in the toilet area.

Delivery: On request.



890070737601

Back Box with Anchors, Flush Mount

for tamper and vandal proof stations.

Size (WxHxD) in mm: 256 x 124 x 60

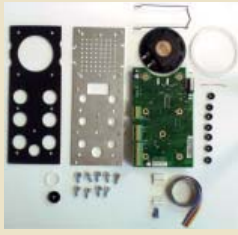


1007060150

Back Box, Wall Mount

The 1007060150 consists of a wall mount back box and a bracket specifically designed to mount the 1007061000 and 1007063000 stations into this box.

Size (WxHxD) in mm: 130 x 265 x 67



1007060100

Feature Station Kit Including Accessories

The kit includes the electronics board, speaker, microphone, gasket and a connector to build a station as the 1007061000 and 1007063000 but 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 (WxHxD) in mm: 190 x 82 x 40




1007060105

Features Station Kit

The kit includes the electronics board as used in the 1007061000 and 1007063000 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) in mm: 80 x 140 x 35

 10 x 

1007060110

Set of Sensor Keys

These keys are intended to be used with kit 1007060100 to manufacture a similar station as the 1007061000 and 1007063000 but with a customised front plate.

There are 10 keys in a set.

Front plate key hole diameter in mm: 16

Depth in mm: 2.5

New

QHF1028

Snake Eye Screwdriver (Driver#4)

New

QHF1029

Bit for QHF1028 1/4"

New

1000132100

Master station kit

for 1007040000-type station

New

1000142500

Master station kit for display station

display not included. Master station kit for 1007042000-type station.

New

A100C01425

Master station kit for display station

PCB only, display not included.



1007102000

Substation Kit

This 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.

Exchanges

1009607000

AlphaCom E7 Package - version 10

Complete system with Power Supply Board, Processor Board, and 2 Subscriber Boards.
Documentation CD with complete AlphaCom documentation and AlphaPro programming tool.
Size without brackets (WxHxD) in mm: 427 x 133 x 280
Weight in kg: 7



New

1009607300

AlphaCom E7 with License for 12 Stations

AlphaCom E7 Package - version 10
Complete system with Power Supply Board, Processor Board, and 12 IP station licenses.
Documentation CD with complete AlphaCom documentation and AlphaPro programming tool.
Size without brackets (WxHxD) in mm: 427 x 133 x 280
Weight in kg: 6



1009620000

AlphaCom E20 for 19" Rack Mounting - AC - version 10

Complete system with AC Power Supply, Processor Board, Program Board, 2 Subscriber Board and 2 Subscriber Cables 100 9501 011 and AlphaCom documentation CD.
Size (WxHxD) in mm: 482 x 265 x 365
Weight in kg: 17



1009626000

AlphaCom E26 for 19" Rack Mounting - AC - version 10

Complete system with AC Power Supply, AMC-IP Processor Board, Program Board, 2 Subscriber Boards and 2 Subscriber Cables 100 9501 011 and AlphaCom documentation CD.
Size (WxHxD) in mm: 483 x 841 x 365
Weight in kg: 39



1009626100

AlphaCom E26 Floor Cabinet - version 10

This cabinet is supported with extra side and top panels but without a distribution field.
Complete system with AC Power Supply, AMC-IP Processor Board, Program Board, 2 Subscriber Boards and 2 Subscriber cables 1009501011 and AlphaCom on documentation CD.
Size (WxHxD) in mm: 483 x 841 x 513
Weight in kg: 46



1009626200

AlphaCom E26 Floor Cabinet with Distribution Field - AC - version 10

This cabinet is supported with extra side and top panels and a distribution field.
Complete system with AC Power Supply, AMC-IP Processor Board, Program Board, 2 Subscriber Boards and 2 Subscriber cables 1009501011 and AlphaCom documentation CD.
Size (WxHxD) in mm: 483 x 841 x 593
Weight in kg: 54



1009641001

IP Station License for 1 Station

1009641xxx

IP Station License for xxx Stations (001<=xxx<=552)

1009641552

IP Station License for 552 Stations

IP stations require a license. They do not require additional hardware such as an ASLT card. The maximum number of stations which is supported by an exchange is 552. These can all be IP stations if the network to which they are configured support multicast. If this is not the case, the maximum number of supported IP stations in an exchange is 138.

SIP Station Licenses

1009643001

SIP Station License for 1 SIP Telephone

10096430yy

SIP Station License for yy SIP Telephones (01<=yy<=50)

1009643050

SIP Station License for 50 SIP Telephones

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

AlphaNet and Multi-module VoIP Licences

1009640002

AlphaNet and Multi-Module VoIP Licence for 2 Static Lines

Multi-module requires licenses in each module, max 4 modules.

1009640108

AlphaNet and Multi-Module VoIP Licence for 8 Dynamic Lines

Upgrade from 2 lines

1009640008

AlphaNet and Multi-Module VoIP Licence for 8 Dynamic Lines

Multi-module requires licenses in each module, max 4 modules.

1009640016

AlphaNet and Multi-Module VoIP Licence for 16 Dynamic Lines

Multi-module requires licenses in each module, max 4 modules.

1009640030

AlphaNet and Multi-Module VoIP Licence for 30 Dynamic Lines

Multi-module requires licenses in each module, max 4 modules.

AlphaNet and multi-module linking for the AlphaCom E exchanges can be via data networks. This does not require additional hardware inside the exchange, but opening up the capability requires the correct licence. Licenses are required in all connected modules and nodes. There is no difference whether a license is used for an AlphaNet or a multi-module connection.

A static license means that the destination of an audio link needs to be defined at commissioning, a dynamic link is a common resource, and can be used for any audio link that requires connection. The data links between modules and nodes are not licensed.

New

SIP Trunking VoIP Licences

New

1009642001
SIP Trunking, 1 Line

1009642002
SIP Trunking, 2 Lines

1009642004
SIP Trunking, 4 Lines

New

1009642104
SIP Trunking, 4 Lines - upgrade from 2 Lines

1009642008
SIP Trunking, 8 Lines

1009642016
SIP Trunking, 16 Lines

SIP trunking gives the possibility to connect an AlphaCom E to a telephone network, either directly to a SIP enabled telephone system or through a gateway to an analogue or ISDN (BRI or PRI) system.

SIP Equipment

Analogue FXO Gateways

Makes it possible for external analogue equipment and telephony services to connect to the STENTOFON Alphacom E Audio platform easily via a standard analogue FXO interface.

- Totally flexible positioning of the gateway – IP interface to the AlphaCom
- Caller-ID of incoming caller can be presented to callee
- Default simplex from sub-station through gateway gives high quality voice connection even in high noise environments
- DTMF signals are sent during connection (gives possibility for 'Open door' feature)
- Incoming calls get second dialing tone, and then station number can be dialled.

2200001000



AudioCodes MP-114 Gateway

- Supports 4 analogue FXO lines
- Web management for easy configuration and installation.

2200001008



AudioCodes MP-118 Gateway

- Supports 8 analogue FXO lines
- Web management for easy configuration and installation.

Digital Gateway

New



2200001132

AudioCodes Mediant 1000 with 1 E1/T1 port

AudioCodes Mediant 1000 gateway. Support for 1 E1 link

2200002000

19" Rack Mounting Kit for AudioCodes MP-11X GW

Allows mounting in standard 19" rack.

New

1009642902

MP-114 Gateway bundled with 2 SIP trunk licenses**New**

1009642904

MP-114 Gateway bundled with 4 SIP trunk licenses**New**

1009642908

MP-118 Gateway bundled with 8 SIP trunk licenses

Upgrade Kits



1009202000

Processor Board, AMC-IP - version 10

The AMC-IP card is the next generation multiservice processor card for the AlphaCom E series. As standard it is part of every AlphaCom E exchange package, but as it also supports all traditional AlphaCom feature cards. It can be used to upgrade already installed AlphaCom 80+ and 138 exchanges to become AlphaCom E20 and E26 exchanges.

The card is made for critical communications and security solutions and features an embedded Linux operating system, integrated media processing engine, packet processing engine, HW encryption and storage module.

Weight in kg: 0.5



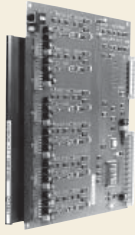
1009511000

AMC - IP Filter Card

This filter card is equipped with 2 ethernet and has 2 serial port connectors.

Weight in kg: 0.1

Feature Cards



1009101010

Subscriber Line Board, ASLT

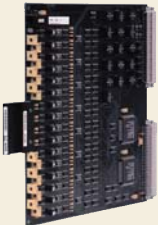
Each board provides 6 intercom subscriber connections.
Weight in kg: 0.5



1009102000

Subscriber Line Board, ATLB

Each board provides 6 analogue telephone (DTMF) connections.
Weight in kg: 0.5



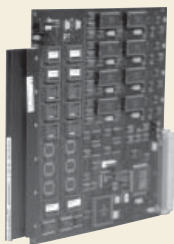
1009303001

General Purpose Audio Interface, AGA

The AGA card is a multi-purpose analogue audio card and can be used for different applications:

- Audio Program Inputs
- Multi-module Linking
- AlphaNet
- Audio-only Station
- Public Address

Weight in kg: 0.5



1009304005

Stored Voice Playback Board, ASVP

This board supports applications requiring pre-recorded audio messages. Time or date can easily be added to each message to act as an accurate information tool. A set of standard alarm messages such as 'Fire Alarm' and 'Theft Alarm' are available. Custom specified messages can be delivered.

Weight in kg: 0.5

1009304001

Norwegian version

1009304002

Finnish version

1009304003

Danish version

1009304004

German version

1009304006

French version

1009304011

Swedish version



2030010260

Mains Transformer 6A

This transformer can be used on AlphaCom M and AlphaCom E7 packages up to 24 lines.
 230-250V AC, 50-60Hz / 24V AC, 150VA. EN 61558-2-6
 Size (WxLxH) in mm: 92 x 130 x 87
 Weight in kg: 2.4



2030010270

Mains Transformer 11A

This transformer is recommended for AlphaCom M and AlphaCom E7 packages up to 36 lines.
 230-250V AC, 50-60Hz / 24V AC, 260VA. EN 61558-2-6.
 Size (WxHxD) in mm: 106 x 153 x 98
 Weight in kg: 4.2

1009703000

Power Supply, APWR - AC version

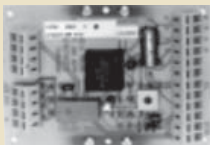
This unit is needed if the AlphaCom exchange has more than 102 subscribers or power redundancy is required and the exchange originally is equipped with an AC-power supply.



1009505000

Filter Board and Speech Adapter with Relay, FBSAR

This board holds two audio channels to act as a galvanic interface between the AlphaCom exchange and external PA- or non-selective radio Systems. One of the channels is equipped with relays and optocouplers for non-selective radio keying and control. Both channels hold electronics to filter the 40 kHz data carrier tone used in display stations, that might cause amplifier overheating on common PA Systems.
 Weight in kg: 0.1



1009960100

Microphone Amplifier for Dynamic & Electret Mic., MADER

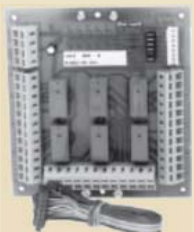
With this board it is possible to have two way communication in conjunction with an external 8 to 40 Ohms loudspeaker. With this board it is also possible to make announcements by use of a common dynamic microphone. By use of an RCI and 1 pair of additional cable the microphone On/Off button can activate pre-programmed loudspeaker zones for announcements.
 Weight in kg: 0.1



1000614100

Power Amplifier Board

Amplifier giving 6W into 20 ohm and 20W into 4 ohm.
 Weight in kg: 0.2



1009970200

Relay Board, MRBD

Board with 6 relays for external control. The board is controlled by the AlphaCom software and can be mounted in the AlphaCom exchange or in connection to the RIO-unit.
 Weight in kg: 0.1



1009970500

Remote Input / Output Controller, RIO

For connection of technical alarm inputs and distribution of remote control outputs within an AlphaCom 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 exchange. Up to 30 RIO's can be connected to an exchange thereby controlling up to 500 RCO's.
 Size in mm: 125 x 225 x 50
 Weight in kg: 0.55



1009970101

Power Distribution Board

This Board is used when it is necessary to supply external equipment such as FBSAR with power from the AlphaCom exchange. The power distribution board applies to the AlphaCom E20, E26, 80+ and 138 only, not the AlphaCom E7 and AlphaCom M.
 Weight in kg: 0.1

1009990200

Anti-static Wrist Strap



1009971000

InterGuard 60W Amplifier 100V Line

For background music, voice based alarm and announcements.
 The InterGuard 60 is equipped with a Volume Override function. By use of two volume controls it is possible to preset two different volumes for the amplifier output. The Override volume is activated by an external input on the amplifier. The InterGuard 60 is also equipped with an AUX input making it possible to connect a local program source in addition to the AlphaCom input. If both are in use at the same time, the audio signal from the AlphaCom has priority and the local program will be muted. The InterGuard 60 amplifier is equipped with fault monitoring of lines, power and amplifier. Fault reporting is via the AlphaCom exchange. The amplifier connects to the AlphaCom via the a,b,c,d-wires. Connection to the AlphaCom with Volume Override control from the AlphaCom, is via the a,b,c,d plus one additional pair.
 Size (WxHxD) in mm: 3,5 x 12 x 120
 Weight in kg: 1.2

New



VPA-120

19" Power Amplifier 120W

- * Booster unit designed for mounting in 19" rack system
- * Two microphone inputs
- * Outputs: 100V and Low impedance for monitoring
- * Input by XLR sockets, output connection by using screw terminals.
- * Priority with chime function
- * 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.
- * Equipped with fan for forced ventilation of the final power stages
- * Dimension: 482W X 133H X 420D 19" rack mounting
- * Weight: 18.2 Kg

New



VPA-240

19" POWER Amplifier 240W

- * Booster unit designed for mounting in 19" rack system
- * Two microphone inputs
- * Outputs: 100V and Low impedance for monitoring
- * Input by XLR sockets, output connection by using screw terminals.
- * Priority with chime function
- * 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.
- * Equipped with fan for forced ventilation of the final power stages
- * Dimension: 482W X 133H X 420D 19" rack mounting
- * Weight: 21.2 Kg

New



VPA-400

19" Power Amplifier 400W

- * Booster unit designed for mounting in 19" rack system
- * Two microphone inputs
- * Outputs: 100V and Low impedance for monitoring
- * Input by XLR sockets, output connection by using screw terminals.
- * Priority with chime function
- * 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.
- * Equipped with fan for forced ventilation of the final power stages
- * Dimension: 482W X 133H X 420D 19" rack mounting
- * Weight in kg: 24.2

New

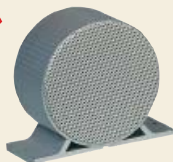


BF-560T

Loudspeaker, Flush Mounted, 6W, 100V Line

Ceiling loudspeaker.
 Diameter in mm: 165
 Depth in mm: 107
 Weight in kg: 1.2

New



CAR-4T

Loudspeaker, Wall mounted, 4W, 100V Line

Double faced loudspeaker.
 Diameter in mm: 152
 Depth in mm: 90
 Weight in kg: 1.5

New



VML-15T

Horn Speaker, 15W, WT

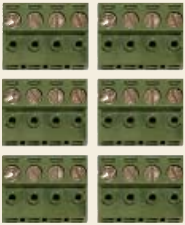
General purpose 15W horn loudspeaker. To be used together with 100V line amplifier, with 2.8m cable.
 Dimensions (WxHxD) in mm: 250x145x298
 Weight in kg: 1.35.

Connection Material

Installation Cable Type & Distance for ASLT and ATLB

| Wire diameter | Max. distance ASLT | Max. distance ATLB |
|---------------|--------------------|--------------------|
| 0.5 mm 24 AWG | 1.4 km 5,000 feet | 6 km 20,000 feet |
| 0.6 mm 22 AWG | 2.0 km 7,000 feet | 8 km 26,000 feet |
| 0.8 mm 20 AWG | 3.4 km 11,000 feet | 10 km 33,000 feet |
| 0.9 mm 18 AWG | 4.0 km 13,000 feet | 10 km 33,000 feet |

Connection Material Used in AlphaCom M and AlphaCom E7



1009501100

Connection Kit ASLT / AGA / AE1 / ATLB

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

Connection Material used in AlphaCom E20, E26, 80+ and 138

Note: Also used for AGA board when the AGA board is used in AlphaNet or 'AGA stations'



1009501011

1.5m Flat ASLT Connection Cable with Filter Board

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



1009501014

3m Flat ASLT Connection Cable with Filter Board

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

New



1009501021

5m Round ASLT Connection Cable with Filter Board

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

1009501023

10m Round ASLT Connection Cable with Filter Board

This cable is normally used when the distribution field is placed away from the exchange.

New



1009501041

Filtercard with 6xRJ45 Connectors



1009930200

Connection Board for ASLT, Krone Terminals

Fits on distribution field or main distribution frame (MDF).



1009501031

1.5 m Flat ATLB Connection Cable with Filter Board

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



1009501034

3m Flat ATLB Connection Cable With Filter Board



1009930202

ATLB Connection Board, Krone Terminals

Fits on distribution field or main distribution frame (MDF).



1009930300

Installation Set, Program Connection

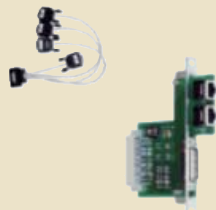
Makes it possible to connect 16 program sources to the AGA board.



1009930303

Installation Set, Multi-Module Audio Connection

Use this set for connection when two or more AlphaCom exchanges shall be locally expanded (max. 1 m distance between exchanges).



1009509000

Installation Set for AE1



1009503000

APC Connection Kit

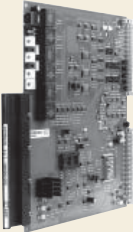
Consisting of APC filter card and APC connection board. This kit is required to access the 6 RCI and 6 audio program inputs of the APC.

Spares


1009201000

Processor Board, AMC - version 9

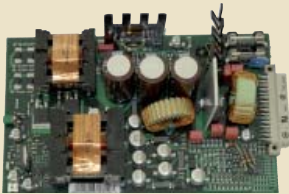
This board contains software and hardware controlling the AlphaCom system.
Weight in kg: 0.5



1009301000

Program & Clock Board, APC

This board controls the back plane board clocking. It also controls the speed of the fans. It contains circuitry for 6 audio program feed channels with galvanic isolation.
Weight in kg: 0.5



A100C07814

PSU for the AlphaCom M and AlphaCom E7


1009305000

AE1 Digital Network Card

The AE1 card provides digital networking using E1/T1 lines. The card can be used for AlphaNet or multimodular linking. The board provides fractional E1/T1 multiplexing capabilities.
Weight in kg: 0.5


Public Network Interface, PNCI

Unit for incoming and outgoing calls between intercom stations and public/private telephone network, or to provide dialup tie-line between two intercom exchanges.

Size (WxHxD) in mm: 243 x 235 x 30

Weight in kg: 2.1

1009400100

PNCI UNIT Norway (General version)

1009400110

PNCI-UNIT Sweden

1009400120

PNCI-UNIT Finland

1009400130

PNCI-UNIT Denmark

1009400140

PNCI-UNIT Germany

1009400210

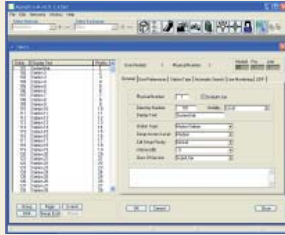
PNCI-UNIT Switzerland

1009400240

PNCI-UNIT Austria

1009930140

PNCI Cable Set for AlphaCom



AlphaPro

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

The operator can then modify the settings such as:

- Directory (type of station, line interface, display name and more)
- Define groups (cell groups, guard groups)
- Interface to CCTV, PA, paging, DECT
- AlphaNet
- And other custom behaviour.

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

AlphaPro is an off-line tool. This means that it is possible to enter all parameters without the necessity of being connected to the exchange. Once all parameter are entered, AlphaPro can be connected to the exchange and the parameters can be sent. AlphaPro can also upload configuration information from an exchange. AlphaPro connects to an exchange via the IP network or a local RS232 interface.

AlphaPro E versions:

The AlphaPro comes in three versions. A hardware dongle is used to differentiate between the different versions. There are two types of hardware key, a parallel port key and an USB port key.

The versions of AlphaPro are:

AlphaPro E7

AlphaPro E7 runs without a hardware key. It gives access to all features except AlphaNet, but only for 36 subscribers.

1009293100

AlphaPro Lite

With parallel port dongle.

1009293120

AlphaPro Lite

With USB dongle.



AlphaPro Lite uses the Lite hardware key. It gives access to a limited range of features for all subscribers and is intended for customer maintenance of systems.

100 9291100

AlphaPro Professional

With parallel port dongle.

100 9291120

AlphaPro Professional

With USB dongle.



AlphaPro Professional uses the Professional hardware key. It gives access to all features for all stations. This version must be used when you want to make extensive changes to the Autoload.

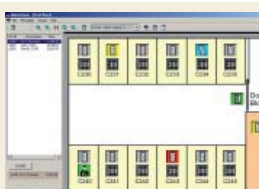


1009294100

AlphaVision

With parallel port dongle

Control handler software for all AlphaCom E exchanges. AlphaVision gives information to an operator about events inside the exchange, 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 associate with intercoms, remote inputs and remote outputs can be placed in the maps. The behaviour of AlphaVision can be extended and changed via a built-in scripting language.



1009294120

AlphaVision

With USB dongle