

1009627200

AlphaCom XE26

Audio Server Floor Cabinet with Distribution Field



ICX-AlphaCom



HD Voice

Description

- ✓ Floor cabinet with distribution field, supported with extra side and top panels
- ✓ Made to provide critical communication in any environment
- ✓ Supports 552 IP stations and 138 analog intercom stations
- ✓ Global networking and integration
- ✓ IP, SIP and analog station support
- ✓ 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

Complete system with APWR-AC version Power Supply, 1 Processor Board, 1 Program&Clock Board, 2 Subscriber Line Boards, and 2 x 1.5m. flat ASLT connection cable with filter board.

With AlphaCom XE, flexibility is key. You can have just a few or thousands of users spread around different locations. Thanks to its open, modular design and scalable architecture, AlphaCom XE has the flexibility to grow with your business and adapt to your long term needs. The system can be tailored to support applications of almost unlimited specificity and complexity.

Vingtor-Stentofon's CCoIP® (Critical Communication over IP) implies the employment of Voice over IP applications required in critical situations. AlphaCom XE is designed with CCoIP incorporation which ensures the delivery of instant and secure voice and data services. The AlphaCom XE system provides carrier class system availability and protects resources in an IP environment by using embedded IP security mechanisms. The main security mechanisms used are restricted management access, separate management interface, internal firewall and integrity check (MD5).

CONNECTIONS

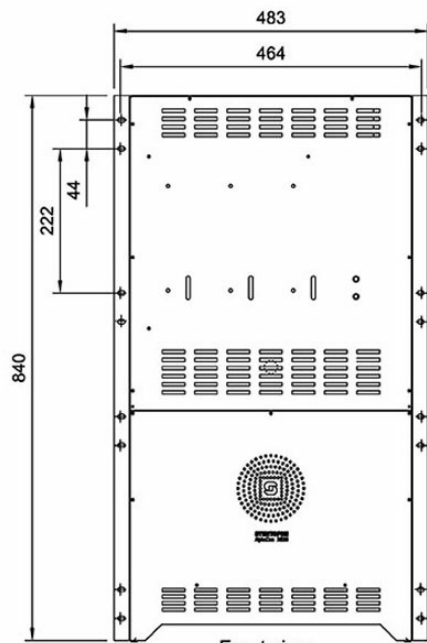
The two-pair star wired intercom cables are connected to connection boards or a separate distribution field. There is one Remote Control Output (RCO) per subscriber point on the connection board which can be programmed to perform actions via an optional relay board. Two RJ-45 Ethernet terminals on the IP filter board are used for IP LAN and WAN communication.

The serial ports with RS232 and RS422/RS485 interfaces are used for connecting to equipment using these protocols. Eth0 is also used for programming. 6 program distribution sources can be connected to the APC board via an optional program connection board. Up to 32 extra programs may be added using AGA boards with 16 programs per board. The optional program connection board has input for 6 Remote Control Inputs (RCI) which can initiate programmed actions.

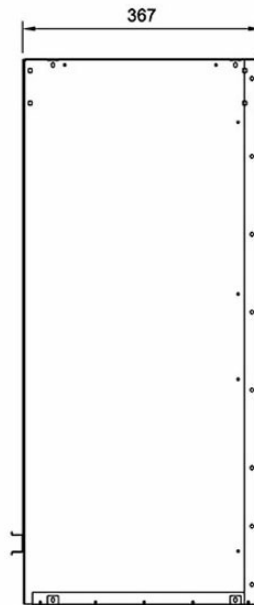
The exchange is powered from the mains.

See also: [additional documentation on wiki.zenitel.com](https://wiki.zenitel.com) | [AlphaCom main page](#)

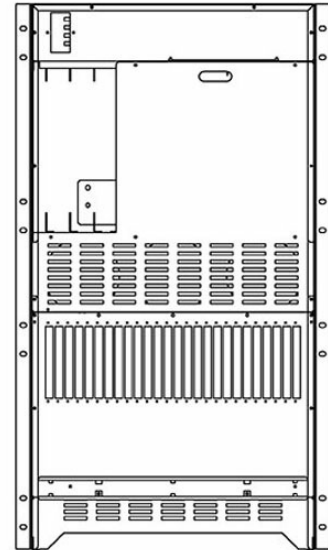
Technical Dimensions



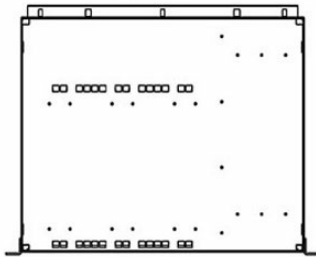
Front view
Top view



Side view



Rear view



Specifications

MECHANICAL & ENVIRONMENTAL

Dimensions (WxHxD):

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| Rack mount | 483 x 841 x 365 mm / 19.01 x 33.11 x 14.37 inch. |
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| Floor cabinet | 483 x 841 x 513 mm / 19.01 x 33.11 x 20.19 inch. |
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| w/ distribution field | 483 x 841 x 593 mm / 19.01 x 33.11 x 23.34 inch. |
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Weight:

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| Rack mount | 39.0 kg / 85.98 lbs. |
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| Floor cabinet | 46.0 kg / 101.41 lbs. |
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|-----------------------|-----------------------|
| w/ distribution field | 53.5 kg / 117.94 lbs. |
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| Power | 90-270 V AC 660 W max. |
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| Mounting | Floor Cabinet |
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| Processor subsystem | Intel IXP425 with HW acceleration for packet processing and encryption |
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| Temperature Range | -15°C – +55°C |
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| Relative Humidity | 95% |
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FEATURES

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| Media subsystem | DSP @ 1600 MIPS, FPGA @ 400K gates |
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| Storage subsystem | Solid state (64 MB Flash), SIM card (IP configuration, HW-iD) |
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| Memory | 128 MB SDRAM, 1 MB NVRAM |
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| Subscriber Capacity | 552 intercom stations per server |
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| Analog Stations | 6 per line card |
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|--------------------------|---|
| Analog Telephones | 12 telephones per line card |
| Busy Hour Call | 60 000 BHCA |
| IP Telephones | 552 IP telephones per server |
| Integrity check | MD5 (RFC 1321) |
| IP priority | DiffServ, IP TOS |
| IP security | SSH, HTTPS, firewall |
| SIP | RFC 3261, SIP INFO, RE-Invite, RFC 2833, RFC 4733 |
| VoIP Internal Networking | 30 channels |
| VoIP External Networking | 30 channels |
| ISDN Trunk | ISDN PRI (30 channels) |
| Analog Trunk | FXO (4 & 8 channels) |
| GSM Trunk | Quad band GSM |
| Other | Custom ASCII (EDIO), STENTOFON Data, Scripting engine |
| Configuration | AlphaPro over IP, Web |
| Monitoring and logging | SNMP trap, SNMP MIB, syslog, Web, e-mail, SQLite |
| SW Upgrade | Web, Automatic upgrade of IP station |
| Internal Audio Format | 1-bit (18.5 KHz) |
| Analog Stations | 18.5 KHz audio |
| General Audio Interface | 18.5 KHz audio |
| VoIP Audio | HD Voice - G.722 (7 KHz), Telephone Audio - G.711 (3.4 KHz) |
| Open Duplex Conference | 20 open duplex conferences can be configured. A maximum of 16 subscribers can participate in conference simultaneously. |
| | 50 conference channels. |

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|-------------------------|---|
| Push to Talk Conference | Unlimited number of participants. Priority features. |
| Group Call | 250 groups. Unlimited number of participants. Priority features |
| Call Modes | Open mode. Ringing mode. Call request mode. Priority features |
| Audio messaging | PA broadcasting. Auto-attendant, Voice guidance (doors, elevators), Security voice response |
| Compliance | CE, EN 60950, FCC Part 15 |

Accessories



LCM

Line Connection Module



AlphaPro Professional

USB Dongle



AMC-IP Version 11

Processor Board for
AlphaCom XE and ESC1