

Data sheet

ACM-48/V01



Description / Features

All exchange circuits is located in a 19" 12HU cabinet giving space for 10 circuit boards.

A standard ACM-48/V01 consist of 1x AMC, 1x APC, 1-8ASLT2 and 1xVA-110, 1xVA-111-2, 2x VA-502 and 1x VA-503.

Powersupply with switch-over relay and powerfailure.

This standard can be used as a fundament for " Internal Communication", "Public Address" or combined "Public Address & General Alarm" according to all known class societies.

ACM-48/V01 provides the same basic features as all ACM exchanges.

Easy access to the backwiring and the subscriber cable terminals. The cabling between the exchange and the stations is based on a star wiring concept with 2 pairs to each station. The backwiring also provides serial and ethernet connections.

The system is prepared for distribution of 6 audio programs.
Note! The numbers of subscribers are reduced by one for each program

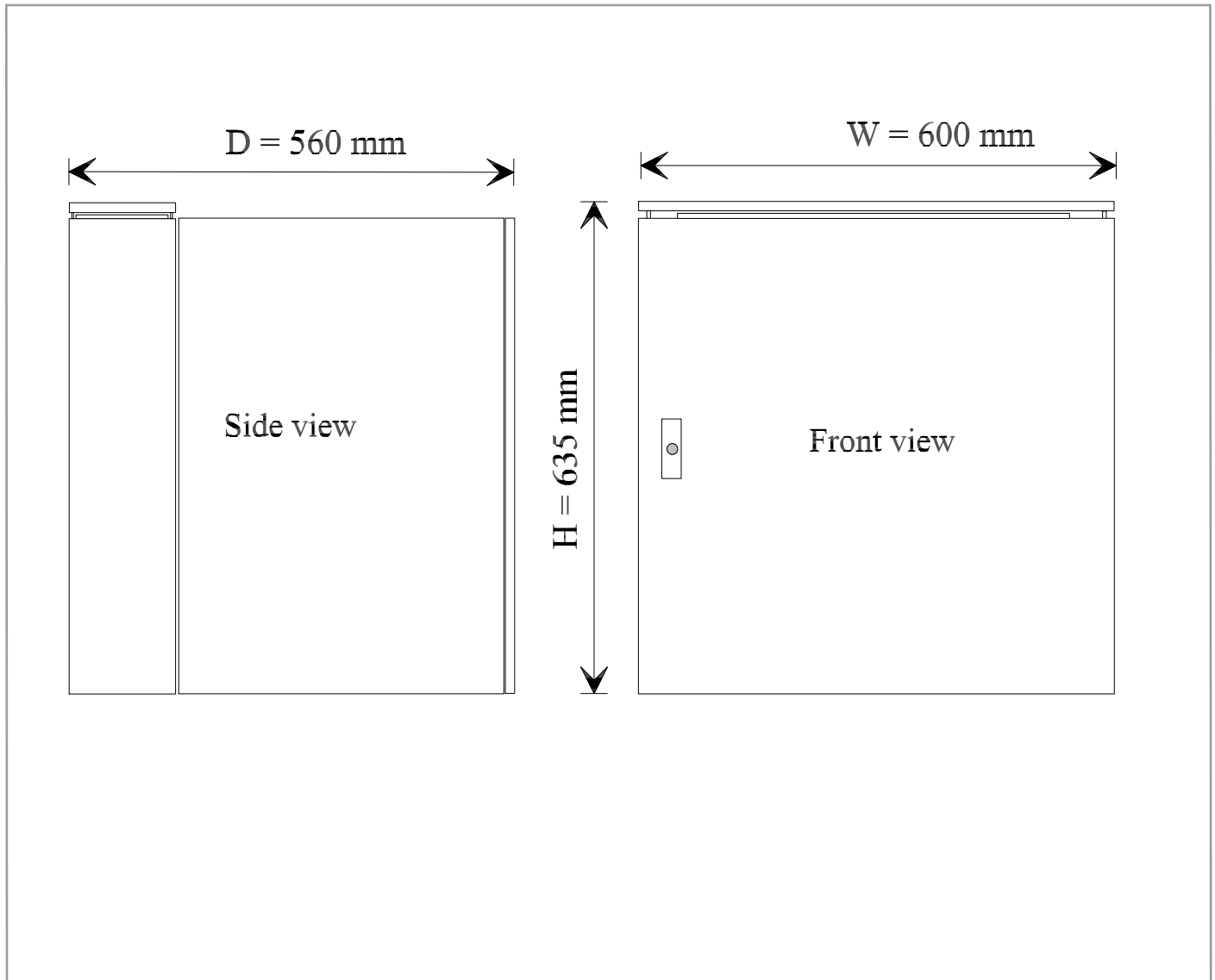
Integrated Communication System



Specification

Dimensions	(WxHxD) 600 x 635 x 560
Weight	Max. 70Kg
Mounting	Wall mounted
Temperature range	0 - 55°C, recommended 30°C
Power	24VDC & 110-230VAC w/switch-over relay
IP Class	IP 55
Subscriber capacity	48
Handsfree conversation	1 per board max. 8
Duplex handset conversation	Unlimited
Numbering plan	Programmable
Remote contr.outp.	6 per ASLT2 subscriber board
Remote contr.inp.	6 on APC board
Serial port	1x RS232, 9-pin D-sub
Serial port	1x RS232/RS422/RS485, RJ45
Ethernet	2x 10/100 Mbps, RJ45
Audio prog.channel	6
Audio technology	High-Resolution 1-Bit Audio-High Fidelity 40 Hz-18.5 kHz - Wideband 7kHz(G.722) -Narrowband 3.4 kHz (G.711) - Adaptive Jitter Buffers-AdaptiveTime Synchronization
Cable requirement	2 pairs, 0,5mm ² twisted outer insulated screen. CAT-5e type Draka Toughca S-STP or equal
Cable length	1,4 km to station (0,5mm ²)

Dimensional drawing



Ordering information

Order Number	Description
ACM-48-12/V01	Equipped for 12 lines 12 HU 24VDC / 110-230VAC
ACM-48-18/V01	Equipped for 18 lines 12 HU 24VDC / 110-230VAC
ACM-48-24/V01	Equipped for 24 lines 12 HU 24VDC / 110-230VAC
ACM-48-30/V01	Equipped for 30 lines 12 HU 24VDC / 110-230VAC
ACM-48-36/V01	Equipped for 36 lines 12 HU 24VDC / 110-230VAC
ACM-48-42/V01	Equipped for 42 lines 12 HU 24VDC / 110-230VAC
ACM-48-48/V01	Equipped for 48 lines 12 HU 24VDC / 110-230VAC