3007600047

AA702

Master Station

Description

- ✓ Processor controlled master station with full keypad

- ✓ The station has a built-in loudspeaker and microphone

- ✓ No exchange is required

- ✓ All stations are wired in parallel via a 2-pair cable

- ✓ Duplex speech

- ✓ Simplex speech can be controlled from the conversing full keypad master station

- ✓ Can be surface mounted on the wall

- ✓ Can be flush mounted through the use of an easy snap-on frame BF636

- ✓ Easily programmable by internal switches

- ✓ External 20 ohms loudspeaker can be connected

AA702 Master Station has complete keyboard and display. The station can call and receive incoming calls from all stations in the system. All services in the system is available for this station. When not in use, the display shows your own calling number. In conversation the display shows the incoming number. The display is also used for other informations as absence message, program channel showing if programs are activated, remaining speech time by use of group/all call function.

The keypad is standard used for selective dialling to all stations from call number 10 to 49. A direct call function can be programmed to call the following number ranges by pressing only one call button: 10-19, 20-29, 30-39 or 40-49.

AA702 includes processor and software and does not have to be connected to an exchange. The station is programmed via switches located inside the cabinet. The program includes a range of standard intercom functions as simplex or duplex conversation, priority, automatic call back, repetition of the last call, all call and two group calls, program distribution and door opening (remote control).

AA702 is prepared for use as a guard station in Pro700 surveillance systems, a service where a number of calls have to be monitored from a guard room. 3 master stations can serve up to 17 substations.

The cable network is very flexible, star or bus cabling. Normally 3 pair cable which is going through the system is recommended, 1 pair for conversation and display data, 1 pair for voltage and 1 pair for program channel. The cable must be in twisted pairs.

Specifications

ORDER NUMBER	DESCRIPTION	SHIP WEIGHT
3007600047	AA702 Master station	0.4 kg/0.88 lbs
Supplementary equipment:		
3007600017	BF636 Front plate for flush mounting	
3007600016	BF635 Backbox plaster	

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SPECIFICATIONS

AA702	Pro700 Master Station
Colour	Light grey
Material	ABS plastic
Dimensions (WXHXD	80 x 220 x 51 mm, 3.1 x 8.7 x 2.1 inch.
Display	LCD 6 digits
Weight	0.4 kg
Operating voltage	12 - 27 VDC
Minimum operating voltage	10 VDC
Power consumption	Minimum 30 mA Maximum 200 mA Maximum with external loudspeaker 400 mA
Output power	1 W
Maximum distance from power supply	0.6 mm cable: 12 VDC: 100 m 18 VDC: 300 m 24 VDC: 500 m
Frequency range	100 - 5000 Hz
Type of signalling	32 kHz ASK
Permitted cable capacitance	Maximum 87 nF
Cable connection	Screw terminals
CE certification	EN 50081-1 Radiation EN 50082-1 Immunity

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