

PRO700

INDUSTRIAL MASTER STATION



when communication is **critical**

FEATURES

- **Splash proof industrial station with built-in loudspeaker and microphone**
- **Processor controlled master station without exchange**
- **Simplex or duplex speech**
- **3 W built-in amplifier**
- **Extra 10W amplifier with "Talk-back" function can be mounted**
- **Built-in relay for remote control**
- **12 button keypad**
- **Programming via internal switches**
- **External handset can be connected**

DESCRIPTION

The Industrial Master Station, AA703, is a processor-controlled master station with full keypad, used in the Pro700 "all-to-all" intercom system that has no exchange unit. The AA703 is surface mounted and is designed to be splash-proof for use in humid and dirty conditions. The cabinet is made of flame-retardant and shock-resistant Bayblend plastic.

The station has a built-in loudspeaker and microphone and is wired in parallel via a 2-pair cable in a star or bus configuration. A third pair can be installed for a program distribution channel for music, etc.

The AA703 has a duplex speech option, while simplex speech can be controlled by pressing/releasing the T-button. The station is easily programmable through internal switches. The station has an internal 3 W amplifier. The volume of the internal loudspeaker can be adjusted incrementally via internal switches. An external 20 ohm loudspeaker may also be connected.

An optional 10 W amplifier, FC740, may be plugged in on top of the internal PCB. If required, the FC740 also enables using the external loudspeaker both as loudspeaker and microphone (talk-back function).

The AA703 has a built-in relay which can be used for controlling cameras or door locks. The keypad is normally used for selective dialing to all stations, from call numbers 10 to 30. A direct-call function can be programmed to single-touch keys for the following number ranges: 10-19, 20-29, 30-39 or 40-49.



ORDER NUMBER	DESCRIPTION	SHIP WEIGHT
AA703	Pro700IndustrialMaster Station	0.8 kg

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SPECIFICATIONS

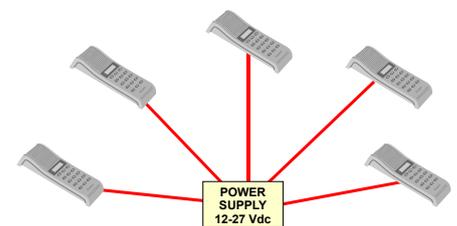
AA703	Pro700IndustrialMaster Station
Colour	Dark grey
Dimensions (WxHxD)	124 x 244 x 63 mm, 4.9 x 9.5 x 2.5 inch.
Weight	0.8 kg
Operating voltage	12-27 VDC
Minimum operating voltage	10 VDC
Power consumption	Minimum: 30 mA Maximum: 200 mA Maximum with external loudspeaker: 400 mA
Output power	3 W
Maximum 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
Relay contacts rating	Maximum 48 VD/ 2 A resistive load
CE certification	EN 50081-1 Radiation EN 50082-1 Immunity

PRO700SYSTEM



CABLING

STAR CONFIGURATION



BUS CONFIGURATION

