

CONTROL ROOM MASTER IV



when communication is **critical**

FEATURES

- Compact flush mount station with single-touch keys and 4x20 character display with backlight
- 1 handset and 2 additional single-touch key modules (each with 48 keys) can be attached
- Call-in annunciation with full display information
- Queuing of calls according to priority and time of arrival, 256 priority levels
- Parallel servers and transfer of command support
- Display information on station name/number or Call Request description
- Auto acknowledgment to call-in point by flashing station lamp, voice message and ringing
- Single-touch access to stations, group calls, audio monitoring, public address zones, radio channels and telephone lines. Single-touch keys has 1 green and 1 red indicator LED each. Keys has PTT function and programmable cancel function on key release
- Programmable LED and buzzer functions
- Technical alarms with 60 different display texts and 256 priority levels
- Noise canceling goose-neck microphone with automatic sensitivity adjustment
- Line monitoring of all extension lines



DESCRIPTION

This advanced control room master features a large 4 x 20 character alphanumeric display with backlight, full dialing keypad, 4 programmable single-touch keys with indicators, (e.g. used as answer-next-in-queue key), sensitive gooseneck-microphone and a powerful 1W loudspeaker.

The station offers full loudspeaking conversation with automatic switching of the speech direction. Manual override of speech direction is also possible.

The station's 4 line display gives full information on the current conversation and calls waiting in queue. The information includes directory number, name/location and priority level. Convenient answer-next-in-queue button allows you to respond to calls according to priority and time of arrival.

The station has aluminum front panels. 2-pair mm² (24 AWG) twisted telephone cable is required between the station and the exchange. The maximum distance is 1.4 km (4600 feet) with 0.5 mm \emptyset cable. Greater distances (up to 2 km) are possible using heavier wires. The station is equipped with screw terminals, external cable is not included. The station requires a local +12 VDC power supply.

SPECIFICATIONS

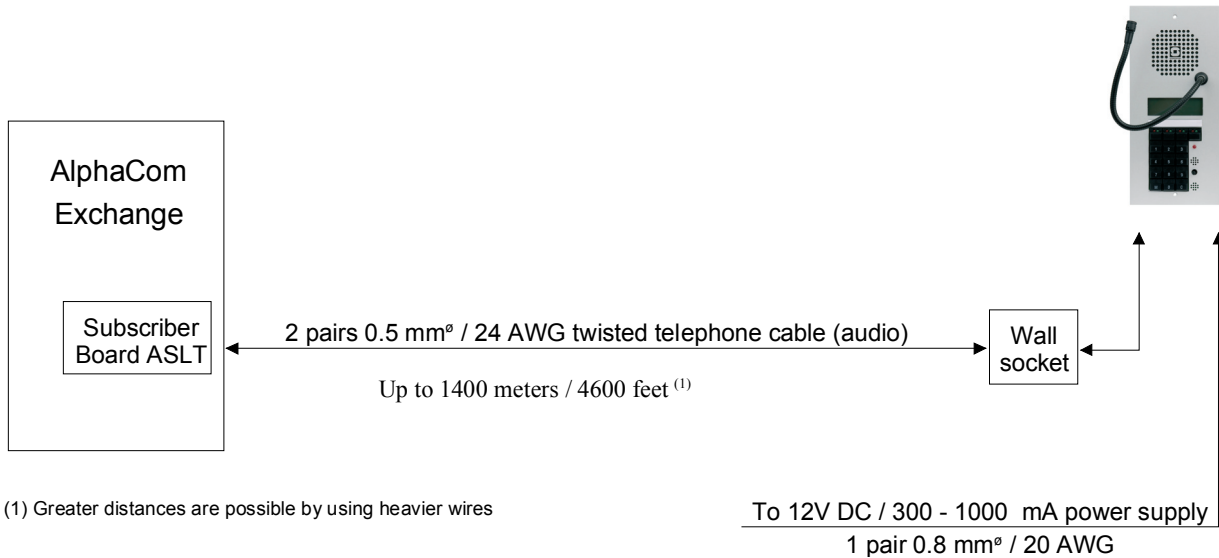
Operation Voltage	+12 VDC
Maximum Current	300 mA (main module only) 300mA per D48 module handset - no current consumption

ORDER NUMBER	DESCRIPTION	SHIP WEIGHT
1007006101	Control Room Master Main Module - CRM IV (with goose neck mic)	0.75 kg / 2.1 lb.
Supplementary equipment:		
1007006110	Control Room Master D48 Module	0.54 kg / 1.2 lb.
1007006190	Control Room Master Handset Module	0.62 kg / 1.4 lb.
1007006180	Desktop housing, single	1.25 kg / 2.8 lb.
1007006181	Desktop housing, double	2.37 kg / 5.2 lb.
1007006182	Mounting kit for mounting 2 housings together	0.50 kg / 1.1 lb.

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Cable Requirements	Connection to exchange: 2 pair 0.5 mm ² / 24 AWG twisted cable (audio) Connected to local power supply:
Temperature Range	0°C to +40°C, +32°F to +104°F
Humidity Range	10% - 85% RH
Dimensions (WxHxD) (Each module)	125 x 280 x 53 mm 4,9" x 10,9" x 2,1"
Classifications	IP-22
Finish	Painted aluminum, silver color
Loudspeaker output	1 W (63 Ohm)
Loudspeaker Impedance	63 Ohm
Frequency Range	300 - 5000 Hz
Loudspeaker Sound	75 dB (0.5 mm cable x 100 m)
Pressure	2,5V RMS on ab-wire, 1 kHz)

INSTALLATION



(1) Greater distances are possible by using heavier wires