

Noise Cancelling Industrial Master Station

AlphaCom System

Features

- Fully equipped master station with free access to all extensions and features.
- Rugged waterproof and chip-resistant casing of orange makrolon.
- Noise cancelling microphone with protective flange.
- Red microphone live lamp.
- Built-in 10W (8 Ohm) VOX operated power amplifier.
- For use with external loudspeaker with or without power amplifier.
- Screw terminals for easy connection of installation cables.
- Freely programmable extension number (up to 6 digits as from AMC software version 9.0)

Description

This industrial master station is a waterproof model designed for humid, dirty and outdoor conditions. The unit can operate in an ambient temperature range from -20°C to +50°C (-4°F to +122°F). The station consists of a rugged splashproof and chip-resistant casing of orange makrolon and has a folio keyboard on the front. The front panel is hinged to the back casing to allow easy access during installation and service. The station has screw terminals with labels for easy installation. Two glands ensure waterproof and dustproof connection of installation cable and loudspeaker wires.

The unit is equipped with a noise cancelling microphone preventing background noise from disturbing the conversation. A 20-70 Ohm external loudspeaker connects to the station or, alternatively, connect an 8-20 Ohm speaker for use with the built-in 10W (8 Ohm) VOX operated power amplifier. The external speaker must be placed at least one meter away from the station. The power amplifier requires separate 12V AC / 2 Amp power supply.

The loudspeaker volume is adjustable with potentiometers located inside the casing and the station is programmable for permanent private mode by strap-plug setting inside the station.

The station is prepared for connection of a separate external handset.

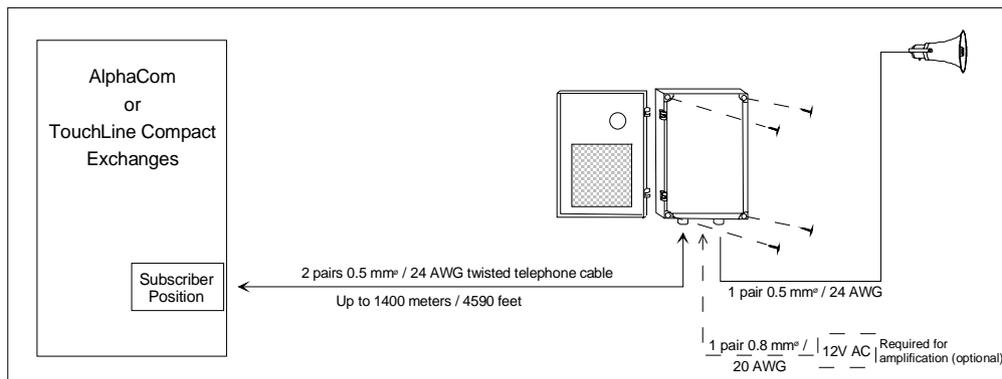


Specification

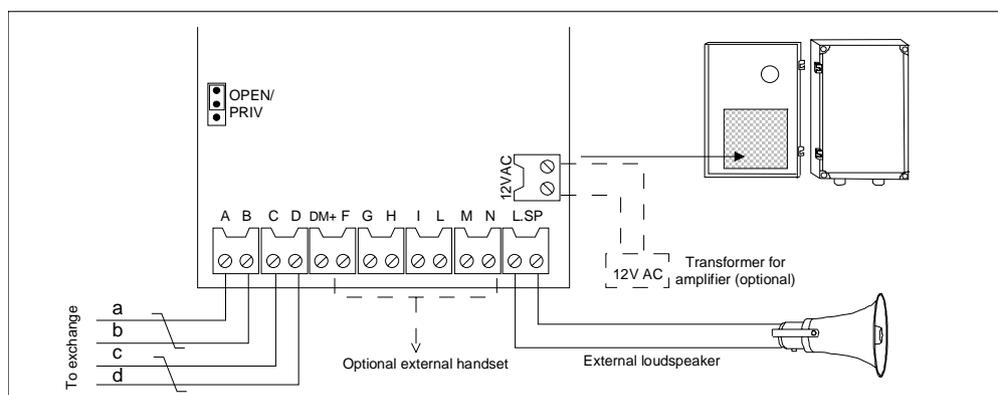
Order Number:	100 7082 000
Operating Voltage:	From exchange without power amp. 12V AC / 2 Amp with power amp.
Cable Requirements:	2 pair 0.5 mm ² / 24 AWG twisted telephone cable. + 1 pair 0.8 mm ² / 20 AWG (to transformer if power amplifier is used)
Temperature Range:	-20 ^o C to +50 ^o C -4 ^o F to +122 ^o F
Humidity Range (non-condensing):	10% - 85% RH
Dimensions: (W x H x D)	160 mm x 240 mm x 137 mm 6.24" x 9.36" x 5.34"
Classifications:	Designed to meet IP65
Finish:	Orange makrolon
Max. Loudspeaker Output:	1.5W (20 Ohm) 10W (8 Ohm) with power amplifier
Loudspeaker Impedance:	20-70 Ohm without power amplifier 8-20 Ohm with power amplifier
Frequency Range:	500-5000 Hz (± 8 dB)
Mic. Impedance for external handset:	200 - 600 Ohm
Connector Type:	Screw terminals
Gland Diameter:	2 x PG9
Indicator:	LED (red)

Light Industrial Master Station

Installation



Wiring



Ordering information

Order Number	Description	Ship Weight metric/imperial
100 7082 000	Noise Cancelling Industrial Master Station (IP65, external speaker is required)	1.1 kg / 2 lb. 7 oz

Accessories:

HP-15	Horn Loudspeaker, 15 W/8 Ohm, IP-56	1.7 kg/3.7 lb
VML-1520	Horn Loudspeaker, 15 W/20 Ohm, IP-66	1.4 kg/3 lb
VMP-211	Wall Mount Handset Unit (with PTT key), IP-44	0.9 kg/2 lb
VMP-250	Wall Mount Handset Unit /with PTT key), IP-65	0.9 kg/2 lb
EOTRF 10115	220 V AC/12 V AC Mains Transformer (for power amplifier option)	1.4 kg/3 lb



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