1007110000

Hotline Station

Hotline Station with Handset

Description

- ✓ Made for critical communication for roadside and tunnel environments
- ✓ Water and dust resistant
- ✓ Design in flame and chip resistant plastic
- ✓ Superb audio quality
- ✓ Advanced supervision functions

The Hot Line Station, Handset is a splash proof model designed for humid, dirty and outdoor conditions. It can operate in an ambient temperature range from 0°C to +50°C (+32°F to +122°F). The station consists of a flame- and chip-resistant casing of durable plastic. The station's front plate is made of UV-cured PVC, a material which is resistant to a number of corrosive fluids. The front panel can be removed to allow easy access during installation and service. The station has screw terminals with labels for easy installation. The glands give water- and dustproof connection of the installation cable.

The station provides high quality conversations using superb wideband audio and loud volume. The station achieves an STI of 0.62 @ 105dBa. The STI value is a measure for understandability of voice communications. Together with the durable design, this makes it the communication station of choice for tunnel and roadside communication.

The station can be placed up to 4 km from the AlphaCom exchange without need for any local power source. The station use the traditional 4-wire interface receiving both power and audio in the same cable.

To provide maximum availability the station comes with advanced supervision functions. The station line test will detect if there is any faults in the cable or station electronics. The status of the stations is reported to AlphaWeb as well as to 3rd party management systems using SNMP, Syslog or OPC.

Specifications

GENERAL

Dimensions (WxHxD	124 x 252 x 162 mm / 4.9" x 9.9" x 6.4"
Weight	1.0 kg / 2.2 lbs
Protection class	IP-54
Finish	Plastic, durable blend of PC and ABS
Mounting	On-wall
Temperature	-40 ºC to +55°C / -40°F to +131°F
Relative humidity	0% - 95%
Frequency range	200 - 10'000 Hz
Speech intelligibility	STI > 0.62 @ 105 dBa
Connectors	Line - 4 pin pluggable header External call button - 2 pin IDC
Writing	2 twisted pairs
Max cable distance	4.0 km (18 AWG - 0.9 mm) / 2.48 miles (18 AWG - 0.035") 3.4 km (20 AWG - 0.8 mm) / 2.11 miles (20 AWG - 0.031") 2.0 km (22 AWG - 0.6 mm) / 1.24 miles (22 AWG - 0.023") 1.4 km (24 AWG - 0.5 mm) / 0.86 mile (24 AWG - 0.019")
Power	Powered from exchange
Connector Type	Screw terminals
Cable glands	1 x PG9, 1 x PG11
Supervision	Line supervision Station status in AlphaWeb SNMP. OPC, Syslog

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ORDER NUMBER	DESCRIPTION	SHIP WEIGHT
1007110000	Vingtor-Stentofon Hot Line Station with Handset	1.2 kg / 2.2 lbs