Elixir Electronics



ANALOG PA SYSTEM

PPT 9000 HS-CD

Industrial Analog Two - Way Talk Back System

Handset Station



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EITU 9000 HS-CD

Industrial Analog Two way Talk back system

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Technical Specifications

- Audio Paging and Talk-back
- Alert Tone
- Page Power 15W rms Class-D amplifier.
- Frequency Response 200Hz-10KHz
- THD <1%
- Body LM6 Aluminium alloy
- Power Supply 90-270V AC 50Hz.
- Noise cancellation type Handset for duplex communication.

Application & Usage

- The wall mounting Handset Station is part of the audio paging & talkback communication system emloyed in process industries for purpose of passing instructions to field operators and for emergency / safety announcements.



Accessories

- Station junction box -1 No.
- Speaker junction box -1No.
- Horn Speaker unit -1No.
- Powder Coated MS Canopy type enclosure - 1 No.

*Data subject to change without notice



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SPECIFICATIONS FOR HANDSET STATION

- **MICROPHONE :**

Type	Dynamic, Noise Canceling
Internal Impedance	300 Ohm @1KHz
Sensitivity	-56 dB @ 1 KHz relative to 1 V/Pa

- **RECEIVER :**

Type	Dynamic
Internal Impedance	300 Ohm @ 1 KHz
SPL	108 dB @ 1 KHz

- **LINE AMPLIFIER SECTION**

Input Sensitivity	1 mV to 5 mV (adjustable)
Input Impedance	4,7 K (resistive)
Load Impedance	250 Ohm , Balanced (Resistive)
Output	2V RMS
Distortion	<1 % @ 1KHZ
Residual Noise Level	-50 dB
Frequency Response	200 Hz - 10 KHz, ± 3dB
Gong tone Frequency	600 Hz ± 100 Hz
Gong tone Duration	1.5 Secs (apps)

- **Power AMPLIFIERS SECTION**

Input Sensitivity	500 mV RMS @ 1 KHz
Input Impedance	250 Ohm (resistive)
Distortion	<1% @ 1KHz
Residual Noise Level	-60dB
Frequency Response	200 Hz - 10 KHzz, ±3dB
Output Power	15W RMS @ 1KHz
Protection	Short Circuit & Thermal Overload

- **POWER SUPPLY**

Supply voltage	90 - 270V AC
Power Consumption	24 VA

- **MECHANICAL SPECIFICATIONS**

Material	LM6 Aluminium alloy
Protection Class	IP 65
Finish	Light grey, shade RAL 7035
Dimensions （HxWxD)mm	440x200x180
Weight without enclosure	6 Kg (app.)
Cable Entry	19mm Dia, 3 Nos Cable glands
Mounting Arrangement	Wall / Structure