

LBD8924/02 Pilfer proof Wall Mounting station

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Invented for life



- ▶ Easy-to operate.
- ▶ Two independent communication channels.
- ▶ Facility for paging and party line announcements.
- ▶ Pilfer proof station, operates smoothly in noisy, hazardous industrial environment.
- ▶ Available with unique handset receiver.

The wall mounting extension amplifier works in tandem with Desktop Handset station. The amplifier can be mounted on the wall with the help of channels provided with the amplifier. The amplifier is tamper proof.

System overview

The Wall mounting extension amplifier can be used along with LBD8904/00. The unit consists of a wall mounting module and the plug-in module. The wall mounting module consists of the mains transformer, output transformer and connector for external connections, and a fixed connector for connection to the plug-in module.

The amplifier has volume control and power on buttons on the front which make it easy to operate. The plug in module consists of all the electronics and cable, this connector is plugged into the fixed connector in the wall mounting module. The plug-in module is mounted on to the wall mounting module by means of four 'triangular head' screws, which can be

opened with a special tool. The unit can be mounted on the wall with the help of two channels provided with the station.

Functions

Call establishment

The page function with the proper placement of the speakers attached to the call station will enable any announcement to be heard all over the plant. The party line function will facilitate the conversation of two or more people without being heard over the speakers once a call is established. The operation is simple-the user lifts the handset from the call station and press the page button, makes the announcement to a specific zone or to the entire plant, the required individual(s) lifts nearby station and the duplex communication can commence over the party line. Up to 6 individuals can participate in the conversation on each party line.

Control and Operation

Paging announcement can be made by pressing the push button switch on the front panel. Loudspeaker can be muted using the push button switch. The

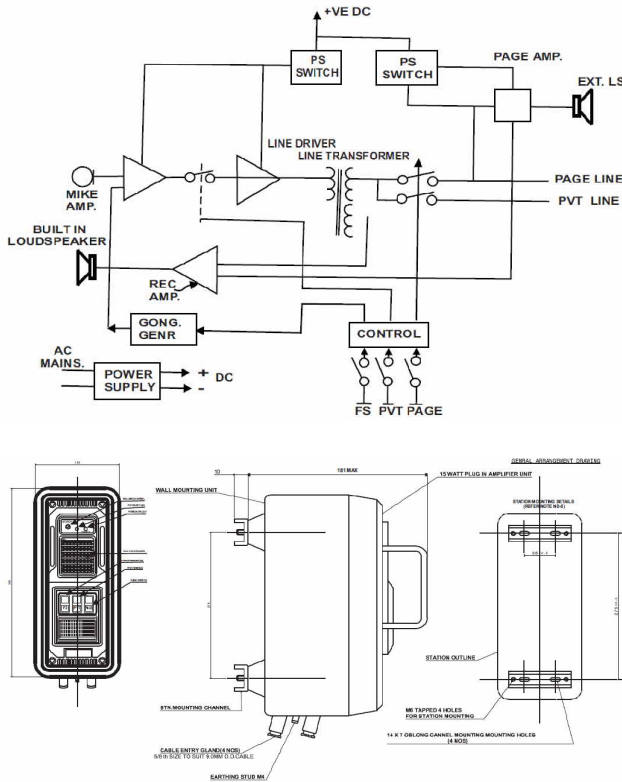
functional switch can be customized as per the requirement like external call indicators, priority operations etc. Volume of the speaker can be controlled from front panel through the screw-driver adjustable volume controller.

Certifications and approvals

Ingress protection Acc. To IP52 as per IEC 144

Installation/configuration notes

Dimension & Mounting Details: LBD8922 /02



Parts included

Quantity	Components
1	Power Supply Cord
1	Triangular Screw Driver
1	User Instructions

Technical specifications

Electrical

Power Supply voltage	220VAC ±10% 50/60Hz or 24VDC
Current consumption	180 mA at 220VAC, 850 mA at 24VDC
Microphone	
Type	Dynamic noise cancelling

Internal impedance	230Ω±15%
Sensitivity	0.7mV/Pa
Line Receiver Amplifier	
Input sensitivity	2V
Output	1Watt across 25Ω
Distortion	1% at 1kHz
Residual noise level	-50dB (w.r.t. rated output)
Frequency response	200Hz to 10kHz (+1/-3dB)
Line Amplifier Section	
Input sensitivity	0.7mV(adjustable by preset internally)
Input impedance	4kΩ Resistive
Load impedance	240Ω Resistive
Output	2V
Distortion	1% at 1kHz
Residual noise level	-50dB (w.r.t. rated output)
Frequency response	200Hz to 12kHz (+1/-3dB)
Gong tone frequency	600 Hz(±100 Hz)
Gong tone duration	800ms(+500/-200 ms)
Power Amplifier Section	
Input sensitivity	2V (± 0.1V)
Input impedance	20kΩ
Distortion	1% at 1kHz
Frequency response	200Hz to 10kHz(-3dB)
Residual noise level	-50 dB (w.r.t. rated output)
Tone control	±10dB at 200Hz
Output power	15W r.m.s. across 8Ω or 16Ω load on relevant tap
Protection	Short circuit protection on output
Mechanical	
Dimension(HxWxD) in mm	354x150x225
Weight	7 kg
Colour	Front panel - Dark Brown Rear housing - Beige
Environmental	
Operating temperature	-20°Cto+55°C
Storage temperature	-40°Cto+70°C
Relative humidity	95%
Environmental protection	IP 52, with weather proof cover IP 55

Ordering information

LBD8924/02 Pilfer proof Wall Mounting station

Order number **LBD8924/02**

Represented by:

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