

AP-1TB

AUDIO MONITORING BASE STATION

DESCRIPTION

The AP-1TB is a single zone audio monitoring base station designed for two-way listen/talkback. As part of a complete system audio can be monitored by manually pressing the zone activation switch. It has input-output to a VCR/DVR for recording and playback. Contains a 3" speaker for monitoring live audio and playback from a VCR/DVR. Special equalizing filters enhance playback from a VCR. 24 Vdc power transformer included. For two-way listen/talkback, all Louroe Speaker/Microphones (TLI, TLO, TLI-JR, TLM, TLMC, or TLSP) are compatible.

APPLICATION

When part of a Louroe Audio System, the Model AP-1TB Base Station can be used in situations such as:

- Sleep Disorder Labs
- Heart Catheter Labs
- Therapy Labs
- Convenience Stores
- Classrooms
- Observation Rooms
- Anywhere CCTV Cameras Are Installed
- Warehouses

IMPORTANT NOTICE

When this equipment is used as part of an audio monitoring system, the law requires that the public be given notice of AUDIO MONITORING ON THE PREMISES. A decal notice is included with each microphone shipped.



Federal Law References:
Federal Regulations, US Code, Title 18. Crime and Criminal Procedure, Sec 2510.

WIRING REQUIREMENTS

From speaker/microphone to AP-1TB:

- 4 Conductor (all in the same jacket) consisting of
 - 2 Conductor shielded, 20 AWG with AWG 22 drain (microphone connection)
 - 2 Conductor unshielded, 18 AWG (speaker connection)
- West Penn 356 or equivalent

NOTE: Unshielded cable is not recommended for microphone connections.



MODEL AP-1TB

FEATURES

- Built-in 3" speaker for monitoring audio.
- Built-in amplifier for playback from VCR/DVR.
- Interfaces with standard or 12/24 hour time lapse recorder.
- Provides two-way listen/talkback using Louroe Speaker/Microphone.
- Built-in microphone for talkback to remote speaker.
- 3.5 mm headphone jack for private monitoring.
- Desktop model. Kit available for 19" rack mounting. Request RM-1935 (3½"H)

SPECIFICATIONS

| | |
|--|---------------------------------|
| Input sensitivity (from remote microphone) | 0.78Vrms |
| Input sensitivity (talkback microphone) | -55 dB |
| Monitor power output | 1.5W @ 8Ω |
| Talkback power output | 1.5W into 70V line |
| Audio output impedance | 10kΩ |
| Audio input impedance | 10kΩ |
| Audio frequency response | 100 Hz to 10kHz |
| Audio frequency response (enhanced) | -20 dB @ 200 Hz to +8dB @ 3 kHz |
| Headphone impedance | 8 to 600Ω |
| Power input | 24 Vdc, 1A |
| Dimensions | 8¼"D x 8 5/8 "W x 2"H |
| Weight (incl. power supply) | 5.7 lbs (2.6 kg) |