

ASK-4 KIT #501

AUDIO MONITORING SYSTEM

TECHNICAL DATA SHEET

DESCRIPTION

The ASK-4 Kit #501 is a single zone audio monitoring system with two-way listen and talkback. Remote unit contains an omni-directional electret condenser, low impedance microphone and a 4" speaker, all within one housing. Desktop base unit produces live audio and playback. Talkback from base unit to remote speaker/microphone is actuated by engaging the "push to talk" switch and speaking into the built-in microphone. Person at the remote speaker/microphone can listen and talk hands-free. Input/output to DVR/VCR for recording and audio playback. Includes two back boxes for flush or surface mounting.

KIT CONTENTS

- Model TLM-W Speaker/Microphone
- Model AP-1TB Desktop Base Station
- Model AD-3 24Vdc power transformer
- Dual RCA cables for connection to DVR/VCR

APPLICATION

The ASK-4 Kit #501 can be used in situations such as:

- Sleep Disorder Centers
- Therapy Labs
- Classrooms
- Heart Catheter Labs
- Anywhere CCTV cameras are installed
- Convenience Stores
- Observation Rooms
- Warehouses
- Fast Food Restaurants
- Company Training Sessions

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.



FEATURES

- Two-way talk/listen system
- Hands-free listen and talkback at remote speaker/microphone location
- Desktop base station with built-in microphone and speaker
- Input/output to DVR/VCR for recording and playback
- Volume control for both listen and talkback
- Speaker/microphone may be mounted up to 1000' from base station
- Two back boxes - for flush or surface mount

WIRING REQUIREMENTS

- 4 Conductor consisting of:
- 2 Conductor **shielded**, 20 gauge with 22 gauge drain (microphone connection)
 - 2 Conductor **unshielded**, 18 gauge (speaker connection)
- All in the same jacket

West Penn 356 or equivalent



SPECIFICATIONS (Speaker/Mic - Model TLM-W)

■ Output	Line level (0 dB @ 1KΩ)
■ Sensitivity (mic)	-65 dB ± 4 dB
■ Frequency response (mic)	40 Hz to 15 kHz ± 1 dB
■ Current drain	4 mA
■ Speaker	4", 8Ω w/ 70V transformer
■ Power rating (speaker)	4W
■ Face Plate Dimensions	6¼"H x 8"W

■ Backbox for TLM-W

Surface Mount Box (metal) 6¼"H x 8"W x 2¾"D

Flush Mount Box (plastic)

Backbox Portion 5"H x 6⅞"W x 2⅞" D

Total including flange 6¼"H x 8"W x 2⅞"D

SPECIFICATIONS (Base Station - AP-1TB)

■ Input sensitivity (from remote mic)	0.78Vrms
■ Monitor power output	1.5W @ 8Ω
■ Talkback power output	1.5W into 70V line
■ Input sensitivity (talkback mic)	-55 dB
■ Audio line output impedance	600Ω or higher
■ Audio input impedance	10kΩ
■ Audio frequency response	100 Hz to 10kHz
■ Headphone impedance	8 to 600Ω
■ Power input	24 Vdc, 1A or 24 Vdc, 1.5A
■ Dimensions	8"W x 10"D x 2¼"H
■ Shipping Weight	10 lbs (4.5 Kg)