

TLM-CF / TLM-CS

SPEAKER/MICROPHONE

TECHNICAL DATA SHEET

DESCRIPTION

The Model TLM-CF / TLM-CS are ceiling mount speaker/microphones consisting of an electret condenser microphone and 4" speaker, all within one housing. As part of a Louroe audio monitoring system, they provide hands free two-way talk/listen communication between the remote area and the Louroe audio base station.

Model TLM-CF is for **flush** mounting to the ceiling and includes:

- TLM speaker and microphone assy
- BR-4 grill
- ERD-4 back box

Model TLM-CS is for **surface** mounting to the ceiling and includes:

- TLM speaker and microphone assy
- BR-4 grill
- MR-4 Mounting ring



MODEL TLM-CF
SPEAKER/MICROPHONE
CEILING MOUNT FLUSH



MODEL TLM-CS
SPEAKER/MICROPHONES
CEILING MOUNT SURFACE

APPLICATION

- Convenience Stores
- Therapy Labs
- Sleep Disorder Labs
- Hospital Isolation Rooms
- Elevator Cabs
- Hallways
- Reception Lobbies

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.

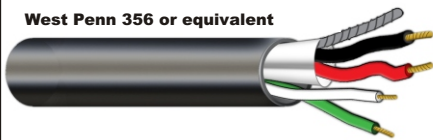


Federal Law References:
Federal Regulations, US Code, Title 18. Crime and Criminal Procedure, Sec 2510.

WIRING REQUIREMENTS

- 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



FEATURES

- Omni-directional microphone and 4" speaker
- Ceiling flush mount (TLM-CF) or surface mount (TLM-CS)
- May be installed up to 1,000 ft. from Louroe base station
- Microphone can pick up normal sound 15' all directions or within a 30' diameter circle
- Microphone sensitivity switch for lowering gain
- Hands free talk/listen

SPECIFICATIONS (Microphone)

Type:	Electret Condenser
Output	line level (0 dB @ 1000Ω)
Output impedance (mic only)	600Ω unbalanced
Frequency response	40 Hz to 15 kHz ± 1 dB
Current drain	4 mA
Supply voltage	12 Vdc

SPECIFICATIONS (Speaker)

Power rating	10W
Input	70.7V constant
Frequency response	150 Hz to 12 kHz
Voice coil impedance	8Ω
Speaker size	4"
Weight, net (incl. mounting assy)	2 Lbs (0.9 Kg)

SPECIFICATIONS (Mechanical)

■ Model BR-4 Grill for TLM-CF	7 5/8" Dia
■ Model ERD-4 Backbox for TLM-CF	7 1/4 " Dia x 3 1/4" H
■ Model BR-4 Grill for TLM-CS	7 5/8" Dia
■ MR-4 Mounting Ring for TLM-CS	7 1/4 " Dia x 3" H