

MODEL TLI-CF / TLI-CS

SPEAKER/MICROPHONES

TECHNICAL DATA SHEET

DESCRIPTION

The TLI-CF / TLI-CS is a two-way talk/listen speaker/microphone used with various LOUROE engineered systems for audio monitoring applications. **It is a microphone and 8" speaker all within one housing.** The microphone is electret condenser with pre-amp, omni-directional pattern, and produces line level output. Speaker is 8" with a 70V transformer.

APPLICATION

In operation, the TLI-CF and TLI-CS provide hands-free LISTEN and TALKBACK capabilities with the LOUROE Base Station:

- Hospital Therapy Labs ■ Observation Rooms
- Cardio Cath Labs ■ Corporate Training Sessions
- Lobby Entrances ■ Municipal Buildings

NOTE: For applications requiring a more rugged housing, Model TLI-VPSC is available. Check our web site for details.

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



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.



Model TLI-CF
Ceiling Mount - Flush



Model TLI-CS
Ceiling Mount - Surface

FEATURES

- Omni-directional microphone and 8" speaker
- May be installed up to 1000' from the Louroe Base Station
- High sensitivity to low sound pressure
- Moisture resistant resin impregnated cloth speaker cone
- Microphone pre-amp contains a sensitivity switch for lowering gain
- Mounts to ceiling,
Model TLI-CF for flush mount
Model TLI-CS for surface mount

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	15W
■ Input	70V constant
■ Frequency response	80 Hz to 8 kHz
■ Voice coil impedance	8Ω
■ Speaker size	8"
■ Weight, net	3.0 Lbs (1.4 Kg)