

# 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 8Ω 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)