

#### 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
- Cardio Cath Labs
- Lobby Entrances
- Observation Rooms
- Corporate Training Sessions
- 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)