

LOUROE ELECTRONICS

TLI-CF / TLI-CS SPEAKER/MICROPHONE

DESCRIPTION

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

Model TLI-CF is for flush mounting to a ceiling and includes:

- TLI Speaker and microphone assembly
- ERD-8 Backbox
- BR-8WS Grill

Model TLI-CS is for surface mounting to a ceiling and includes:

- TLI Speaker and microphone assembly
- MR-8 Mounting ring
- BR-8WS Grill

For areas of high vandalism, Model BR-8VP Vandal resistant grill is available instead of BR-8WS. Contact factory or distributor for details and pricing.

Optional for both TLI-CF and TLI-CS is Model SSB-2 Support Bridge for preventing tile sag.

APPLICATION

In operation, the TLI-CF/TLI-CS provides both LISTEN and TALKBACK capabilities between the remote audio zone and the Louroe Base Station. They can be used in numerous situations such as:

- Offices
- Therapy Labs
- Reception Lobbies
- Hallways
- Security Entrances
- Cardio Cath Labs

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 (Mechanical) Dimensions

▪ BR-8WS GRILL for TLI - CF/TLI-CS	12 7/8"
▪ ERD-8 Backbox for TLI-CF	
▪ Inside	9 3/4"
▪ Flange	12 5/16"
▪ Depth	4 1/2"
▪ MR-8 Housing Ring for TLI-CS	12 3/8" X 3"H



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 Louroe Base Station
- Flush or surface mounted to ceiling
- High sensitivity to low sound pressure
- Moisture resistant resin impregnated cloth speaker cone
- Microphone pre-amp contains a sensitivity switch for lowering gain

SPECIFICATIONS (Microphone)

▪ Type	Electret Condenser
▪ Output	Line Level(0 dB @ 1000)
▪ 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)

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.

