



Application Guide Child Development/Observation



Benefits

- Professional Quality Audio
- Reliable
- User Friendly Operation
- Easy to Install and Expand
- Engineered and Built in the U.S.A.
- 36-Month Limited Warranty -
See website for details

In many observation applications today, there is a one-way glass in at least one side of a room where someone can observe the proceedings or sometimes cameras are used. This allows observation without being seen or heard by the person being observed. In most cases these windows or cameras provide visual observation but requires live audio communication between the two environments.

Tech Works CI Series provides two-way communication, one-way observation, and remote recording. Our sophisticated Automatic Level Control technology delivers consistent, crystal clear, intelligible sound, from a whisper to a shout. Based on over 30 years of research and development, the CI Series packs the functionality of a rack full of specialized audio equipment into a single compact unit.

Speakers or Ear Buds are available so that the observer can speak to people in the observation room. If the observer just wants to whisper in the ear of someone interacting with people under observation, they push down a "Talk" button and their voice goes to a wireless Ear Bud on the person that is interacting with the subject.



Features

Automatic Gain Control

Maintains consistent sound output level from a whisper to a shout without distortion or loss of signal

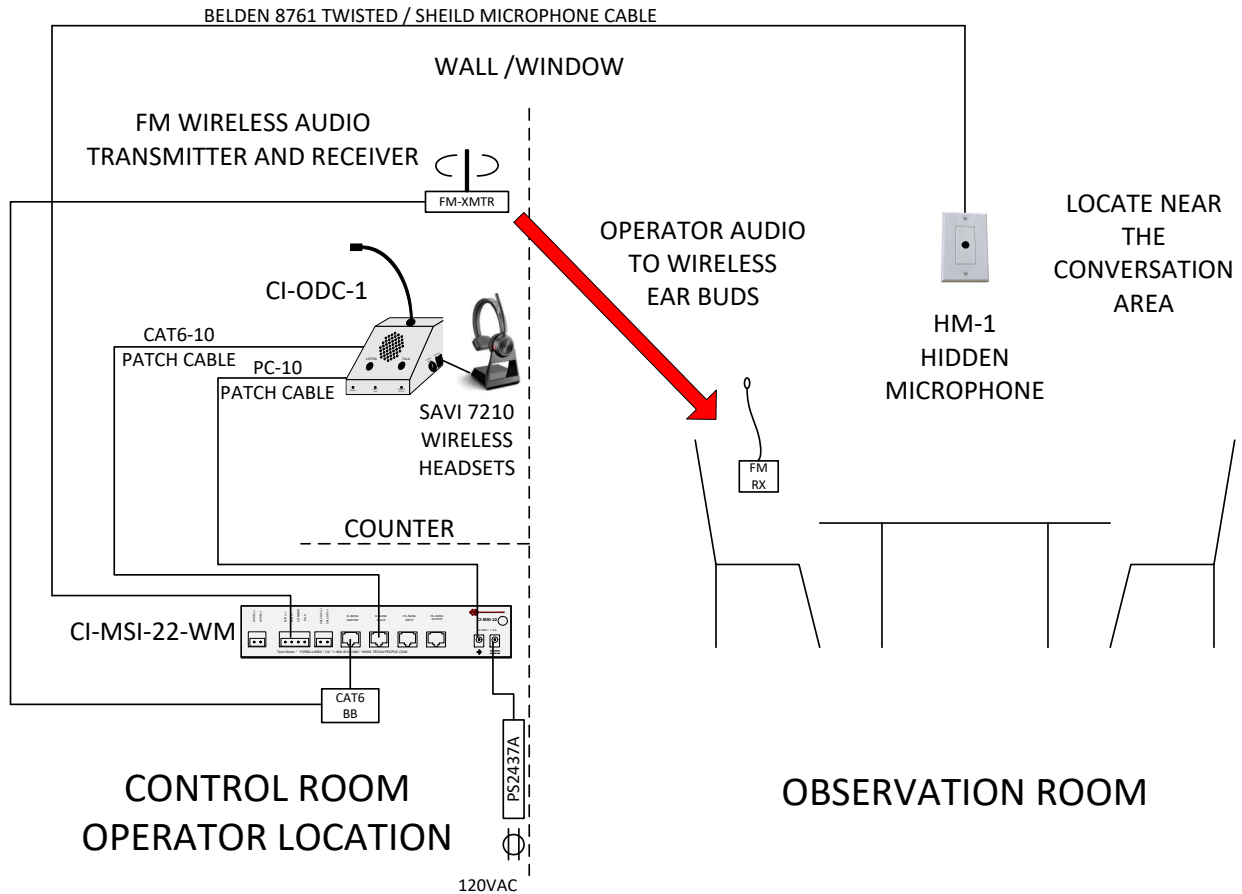
Recording Outputs

Configurable to allow recording of what was heard, or what either or all parties said to be maintained as evidence, or future review

Mounting Options

Choose Desk Mount, Rack Mount, or Wall / Under Counter Mount depending on your specific needs

System Design Layout and Connections



System components

Part No.	Description
CI-ODC-1	Collaborative Intercom Operator Desk Console One Remote Station
SAVI 7210	Wireless Headset Convertible Single Muff
HM-1	Hidden Microphone - Interrogation Pickup
PPA	Personal Portable wireless listening system with Ear Bud
System 21	Ceiling Speaker Assembly with 25-Volt Transformer for Hard Ceilings
CI-MSI-22	Collaborative Intercom Microphone/Speaker Interface
PS-2437A	Power Supply 3.75 Amps, 24V DC, UL/CSA Listed with Mounting Bracket
PC-10	Power Cord - 5mm barrel connectors on each end
CAT6-10	CAT6 Patch Cord

