



Audio Interface Device

Description:

The Audio Interface Device designed by Informer will allow the PSAP call taker to talk and listen to both radio and telephone conversations through one headset. Its many features overcome the problems that other headset devices have with proper volume control, noise reduction and recorder interfacing.

Applications:

The Audio Interface Device resides at the PSAP call taker's station and due to its small size is mountable underneath the desktop on either side of the call taker's chair. It connects directly to the radio console and to the phone system through the Informer TDD Modem.

When the telephone at the call taker's station is on-hook, radio traffic is sent to the headset ear-piece and the headset microphone is activated for radio conversation. When the telephone goes off-hook, the headset will automatically switch the radio audio to the radio console speaker and activate the headset ear-piece and microphone for telephone conversation. When the call taker needs to talk through the radio, the push to talk feature will switch the headset microphone from telephone conversation to radio conversation.

Features:

- Allows the call taker to use one headset for both radio and telephone communication.
- Can use either four wires or six wire headsets.
- Allows connection of second Audio Interface Device giving the PSAP Supervisor the ability to listen to the conversation.
- Equipped with two RJ11 connectors with loop current for both short and long-term phone recording and another set of RJ11 connectors for both short and long-term radio recording.
- Phone recording outputs are muted when phone system is on-hook for proper VOX operation.
- Recording outputs are muted when radio console lines (squellch, channel busy, ptt) are selected via dip switch to ensure proper VOX operation.
- Radio console lines (squellch, channel busy, ptt, mic off, receive audio, transmit audio, ground) are electrically isolated from the telephone system using transformers and optical isolation circuits.
- Sound card input is provided to play pre-recorded sound files to both the phone and radio systems.
- Short-term recording outputs for both phone system and radio console are also provided with proper levels and matching for PC sound card recording.
- External connections are provided for call takers headset microphone mute switch and PTT switch.
- Headset volume control for both the phone system and radio console.

Specifications:

Size: 1 11/16" x 5 1/8" x 7" (H x W x D)

Weight: 2.1 pounds

Power Required: 15Vdc 1.0 amp