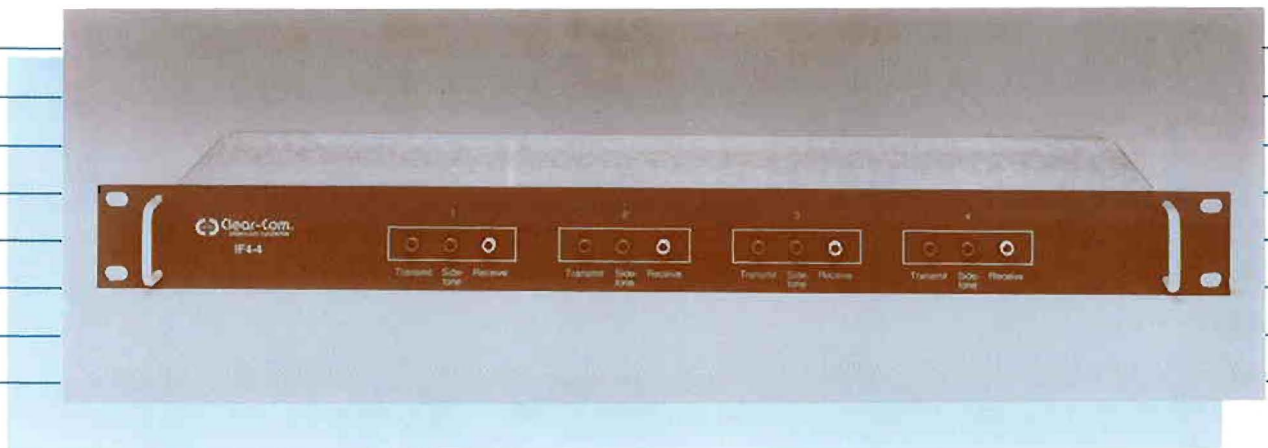


SYSTEM INTERFACE



IF4-4 CAMERA INTERFACE

FEATURES

- Interfaces standard 4-wire or 3-wire TV camera intercom systems
- 1 to 4 intercom channels
- Headset test connector
- Individual Transmit, Receive, & Sidetone controls
- Transformer-isolated
- Uses minimal rack space
- Easy to interconnect
- Powered by Clear-Com line

DESCRIPTION

The IF4-4 is a rack-mount device that interfaces one to four television camera intercoms with the Clear-Com System. Powered via the Clear-Com interconnect cable, the IF4-4 is designed to match the industry's standard 600 ohm transmit/receive lines (at normal levels) to Clear-Com line level. It works with balanced four-wire or unbalanced three-wire systems.

For each of the four interfaces, the IF4-4 front panel provides Transmit and Receive controls to adjust the level from Clear-Com to the other system. It also has a sidetone adjustment for each system, allowing the user to vary the level of his/her voice as heard in the user's headset.

The IF4-4 rear panel has four connectors for the interfaces (4-pin XLRs) and four connectors for the Clear-Com lines (3-pin XLRs). The 4-pin connectors accept a standard Clear-Com headset, which is used to adjust levels prior to operation.

Toggle switches on the rear panel assign the interfaced systems to separate intercom channels, or put two, three, or all four systems on one "Party-Line."

The IF4-4 is powered by the Clear-Com System interconnection, using standard two-conductor mic cable. It mounts in a standard 19" rack, using only 1.75" vertically.

SPECIFICATIONS

Transmit Level: Adjustable, -30 to +14 dBv
 Transmit Impedance: 600 Ω
 Receive Level: Adjustable, -30 to +20 dBv
 Receive Impedance: 10-15k Ω
 Frequency Response: 200-15k Hz, 6dB down
 Minimum Sidetone Balance: 30dB
 Distortion: 0.5% THD
 Power Requirements: +30 volts DC @ 38mA (all 4 interfaces)
 Connectors: (4) 3-pin XLR female, Clear-Com line
 (4) 4-pin XLR male, 3-or 4-wire interface line

Specifications subject to change without notice

*0 dBv is referenced to 0.775 volts rms.

IF4-4 BLOCK DIAGRAM

