Gefen GTV-MFDA-R GefenTV Multi Format Video Distribution over Ethernet (Receiver)

(One Receiver only)

Distribution of Multi-Format Video and Audio over CAT-5 to up to Eight Receivers or Ethernet up to 256 receivers

The GefenTV 1:8 Multi-Format Distribution over Ethernet allows VGA, component, composite, and S-Video plus audio, to be distributed to many receivers. This versatile product is useful for digital signage applications, or educational institutions. The video/audio works in broadcast mode from the sender to all 8 ports simultaneously. The receiver's 2-port switch/hub can be daisy-chained. Additional features of this product allow the facility of audio-video distribution over a local area network's infrastructure.

How It Works

Connect the A/V source into the sender inputs. Connect up to eight receivers if the connection is directly between send and receive units. Another connection concept may be to connect one CAT-5 on the sender side to the network infrastructure. In that configuration the receivers will be connected to the network as well. So, if a PC is connected to the network, then a second RJ45 needs to be connected into the receiver as well. The video output from the receiver should be connected to a display. Power up and the signal is passed directly to all outputs connected.

Note: This product is Ethernet-based. It is recommended that a managed switch with multicast support be placed between the Sender Unit and the Receiver Unit(s). The multicast function should be enabled on the switch.

The highest resolution for this product is 720p or 1280x1024. The recommended length of CAT-5 cable when connected directly between Sender and Receiver is 330 ft (100 m).

Features:

- Wired extension of VGA, component, composite, S-Video, and audio up to 330 feet
- Maximum Input Resolutions: 1080p@60Hz (Y/Pb/Pr), 1280x1024@60Hz (VGA), 480i@60Hz, 576i@50Hz (S-Video, Composite)
- Maximum Output Resolutions: 720p@60Hz (Y/Pb/Pr), 1280x1024@60Hz (VGA), 480i@60Hz, 576i@50Hz (S-Video, Composite)
- Supports Ethernet 10/100 Base-T
- Switch between two A/V outputs on the receiver unit
- Switch between four A/V sources from the sender unit
- Plug-and-Play installation with no special configuration required
- L/R Analog Audio supported

Specifications:

- Power Supply: 2 x 12V @ 1.5A
- Audio Inputs/Outputs: 3.5mm mini-stereo jacks
- Video Inputs:
- Composite & S-Video : NTSC / PAL / SECAM
- Y/Pb/Pr : 480i/p , 576i/p, 720p@50/60Hz, 1080i/p@50/60Hz
- VGA : 640x480@60Hz, 800X600@60Hz, 1024X768@60Hz, 1280X768@60Hz, 1280X1024@60Hz
- Video Outputs:
- Y/Pb/Pr: 480p@60Hz, 576p@50Hz, 720p@60Hz
- VGA: 640x480@60Hz, 800X600@60Hz, 1024X768@60Hz,1280X768@60Hz,1280X1024@60Hz
- IR Port: Supports IR backchannel
- PCM Encoding: 48KHz 16-bit sampling
- Ethernet: Complies with IEEE 802.3, 10Base-T, IEEE 802.3u, 100Base-TX
- Operating Temperature: 0-40 C ambient temperature
- Operating Humidity: 90% maximum (non-condensing)
- Dimensions: 4.5"W x 1.3"H x 7.25"D per unit

Package Includes:

- (1) GTV-MFDA-R Multi Format Video Distribution over Ethernet Receiver
- (1) 6 foot VGA cable (M-M)
- (1) 12V / 1.5A Power Supplies
- (1) User's Manual