

MultiView™ 450 Series Receivers



High-Resolution Video + Audio
or Serial Distribution over
CAT5/UTP Cable

**THE PRO A/V LEADER IN
VIDEO-OVER-CAT5 SOLUTIONS**

Magenta Research offers three distance tiers of its MultiView Series receivers: 450 feet (137 meters), 1000 feet (305 meters) and 1500 feet (457 meters), all of which handle composite through high-resolution RGBHV video. The MultiView 450 Series receivers handle the first tier. MultiView users mix-and-match receivers as needed to adapt to the specific application layout, and dual-port configurations provide daisy-chain capability, minimizing the total equipment cost.

The MultiView Series provides a “building block” approach to signal distribution over CAT5. Every MultiView 450 Receiver may be paired with the MultiView UTx Universal Transmitter, or multiple-output MultiView transmitters, to cover any application. Every receiver also has a dual-port option for linking to other receivers, which saves a transmitter with each link. With cascaded transmitters, daisy-chained receivers and MultiView matrix switchers, signals can be distributed to hundreds of displays from one or multiple sources.

Configuration

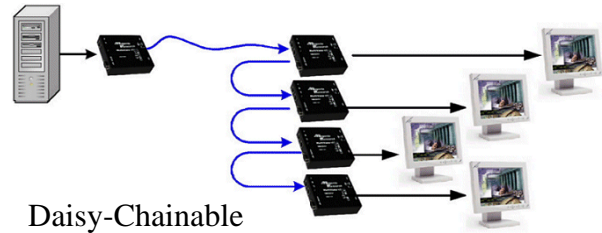
Description

MultiView 450A	High-resolution video & L/R audio
MultiView 450S	High-resolution video & RS232 serial
MultiView 450 SPDIF	High-resolution video & SPDIF digital audio
MultiView 450IR	High-resolution video & IR remote control
MultiView 450CS	Composite, component or S-video (options: L/R audio, SPDIF, RS-232 or IR)
MultiView 450AV	Composite video & stereo audio (optional IR control)
MultiView 450AVS	Composite video & stereo audio & simplex/duplex RS232 serial data
MultiView 450PC	KVM extender – part of a kit including the transmitter, cables and power supplies)
MultiView 450DPx	Dual-port, daisy-chain receivers (multiple configurations)

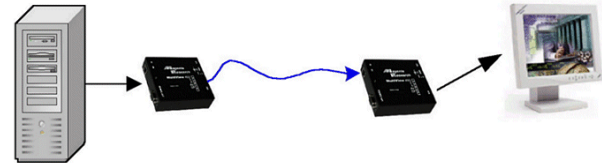
MultiView 450 Series - Benefits

- ◆ Highest-quality video reproduction at 450' (137m) of CAT5/UTP cable
- ◆ EQ matching for optimum fidelity at any distance
- ◆ Extensive distribution capability – building-block approach fits any installation footprint
- ◆ Video signals supported include: RGBHV, RGsB, NTSC, PAL, SECAM, Y/C, component
- ◆ Unmatched flexibility to satisfy a wide variety of applications
- ◆ AV versions support composite video + stereo audio + simplex or duplex RS-232 serial data
- ◆ High-reliability design
- ◆ Compatible with all MultiView transmitters
- ◆ May be linked with MultiView AK1000 and AK1500 receivers (dual-port version)

CAT5 VIDEO DISTRIBUTION SOLUTIONS



Daisy-Chainable



Point-to-Point

FEATURES / SPECIFICATIONS

Video transport:

RGBHV, RGsB, Component, Y/C,
NTSC, PAL (model-dependent)
Connector: 15HD, buffered local output

Audio transport:

Line-level combined L&R analog or SPDIF
Connector: 15HD or 1/8" (3.5mm) plug
(model-dependent)

Serial data transport:

Full-modem, bi- or uni-directional RS232, DC
to 19.2k baud (model-dependent)
Connector: DB9

Resolution / distance:

1600 x 1200 @ 75Hz to 400' (122m)
1280 x 1024 @ 75Hz to 450' (137m)

450DP - maximum number of daisy-chain links:

Up to 15 receivers typical (application-dependent)

Power consumption:

5VDC @ 400-700 mA max (model-dependent);
external supply sold separately

Mechanical:

Dimensions: 4" W x 1.2" H x 4.3" L
(10.2 cm x 3.05 cm x 10.9 cm)

Weight: 0.8 lb / 0.36 kg
1.0 lb / 0.45 kg (S)
0.8 lb / 0.36 kg (DP)
1.0 lb / 0.45 kg (DPS)

Environmental:

Operating
Temperature: 0 to 40° C
Storage
Temperature: -20 to 60° C
Humidity: 80% non-condensing
MTBF: 100,000 hrs

Approvals:

CE, FCC

Rack-mount kits, brackets, soft-mount kits and auxiliary cables are available for all models.

Magenta Research is the demonstrated leader in the delivery and flexible distribution of audio/visual signals. In June 2003 Magenta accomplished an industry first - the transmission of high-resolution UXGA video at a distance of 1500 feet (457 meters) over cost-effective CAT5/UTP cable. The company's products address dynamic signage and other video distribution applications in retail, fast food, transportation, theatre, casino, courtroom, church, museum, staging, corporate and residential environments.