

MultiView™ Video Over UTP Distribution Options



MultiView T5A (400R3006) / MultiView T4A (400R2960)
MultiView 9D (221R1029)

Four and Five Output Cat5 Transmitters and 1x9 Distribution Amp

Ideal solution for applications requiring
distribution of a single source
to numerous displays/projectors

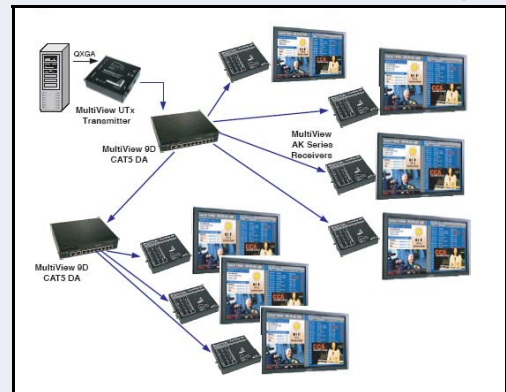
Distributing video/audio/serial content from a single source to multiple displays is easy and cost-effective when utilizing MultiView multi-output transmitters and/or the MultiView 9D 1x9 Distribution Amplifier.

MultiView T4 and T5 Transmitters take a single source input and provide four and five UTP outputs respectively, for distribution to MultiView receivers. T4 and T5s distribute any kind of analog video—RGBHV, component, composite, S-video, PAL, NTSC or HDTV—plus audio (stereo, L/R summed or SPIDF) or simplex (transmit-only) RS-232 serial. (Stereo audio available with composite video only)

The MultiView 9D 1x9 Distribution Amplifier takes UTP input from a MultiView Series Cat5 transmitter and distributes it to nine MultiView Series receivers, or any combination of receivers and 9Ds for additional distribution. It is designed for the low-cost distribution of composite, component, HDTV, S-video or computer video, plus audio or simplex serial signals to any number of displays by “cascading” the 9Ds and/or daisy-chaining receivers. Input and outputs are simple RJ45 connections.

9Ds may be “tiered,” potentially addressing 9³, or 729 displays! MultiView Receivers can also be daisy-chained off of T4/T5 or 9Ds, leading to a wide variety of distribution options. Similarly, T4 and T5 transmitters can be cascaded using the local monitor output.

The 9D includes a power supply and is rack-mountable in 1U, with an optional kit. T4 and T5 transmitters can also be rack-mounted with optional kits: three of either unit can be rack mounted in 1U or six in 2U.



MultiView 9D Sample Layout

Companion Products: (See complete list in specifications on back)



MultiView 500A
Receiver 400R3540
MultiView 500S
Receiver 400R3649



MultiView K-500TD
Receiver 4003377



MultiView AK600DP-A
Receiver 400R3755

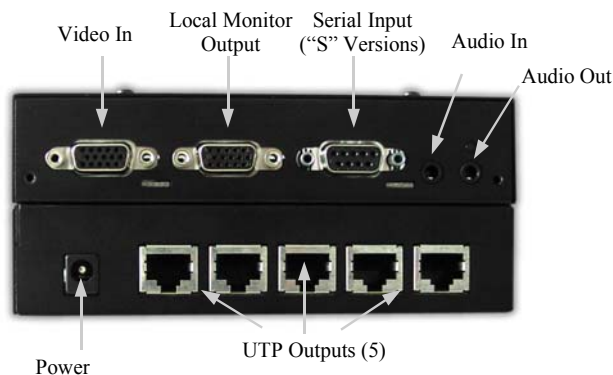


MultiView AK1200DP-A
Receiver 400R3681

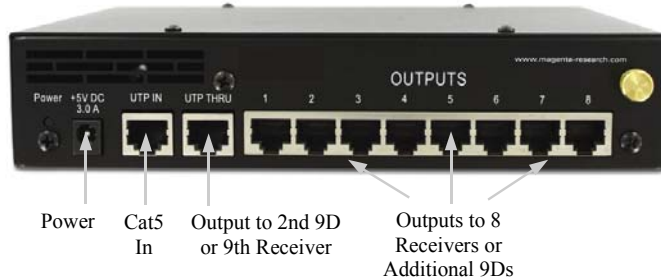


MultiView XR-2000DP-A
Receiver 400R33584

MultiView™ T5 Front/Back View



MultiView 9D Back View



Benefits of T4 / T5 / 9D

- Ideal, cost-effective solution for dynamic signage, or any application requiring distribution to numerous displays/projectors
- Cat5 / UTP input & outputs save on cable and installation costs
- Allows distribution point to be located away from the source/transmitter
- May be used individually, cascaded or tiered to match any distribution requirement
- Compatible with most MultiView video, audio and simplex serial applications
- Rack-mountable
- All same-source displays retain perfect sync
- Easily add more outputs as future requirements dictate
- High-reliability design suitable for harsh environments

Specifications

Video compatibility: RGBHV, RGB, composite (NTSC, PAL), component, HDTV, Y/C, YUV, S-video

Video resolution: 1920x1200 (receiver-dependent)

Audio compatibility: Line-level combined L&R, stereo (9D only), or SPDIF digital, transmitter/receiver-dependent

Serial compatibility: Uni-directional RS232 (simplex), DC to 115k baud

Connectivity:

T4/T5: (2) 3.5-mm, (1) RJ-45 input, (4 or 5) RJ-45 output, (2) HD15 F, (1) DB9F

9D: (1) RJ45 input, (9) RJ45 outputs; max number of 9D tiers = 3

Dimensions:

T4/T5: 1.2" H x 5.6" W x 4.5" D (3.1 x 14.2 x 11.4 cm)

9D: 1.75" H x 8.1" W x 6.5" D (4.45 x 21 x 16.5 cm)

Weight:

T4/T5: 1.4 lbs. (0.6 kg)

9D: 2.2 lbs. (1.0 kg)

Power: 5V regulated, +3%, < 1.75A (power supply included with 9D)

Enclosure: Steel (powder-coated Galvanneal, for corrosion protection)

Operating / Storage Temp. 0 to 40°C / -20 to 60°C

Humidity: < 80%, non-condensing

Approvals: CE, FCC

Warranty: 3 years

Part Numbers:

9D: 221R1029

T4 Models:

- T4A Video + Summed L/R Audio (#400R2960);
- T4S Video + Simplex Serial (#400R2961);
- T4 SPDIF Video + SPDIF Audio (#400R3055);
- T4 AV Composite Video + Stereo Audio (#400R2962)

T5 Models:

- T5A Video + Summed L/R Audio (#400R3006);
- T5S Video + Simplex Serial (#400R3007);
- T5 SPDIF Video + SPDIF Audio (#400R3038);
- T5 AV Composite Video + Stereo Audio (#400R30082)

Compatible Receivers:

- MV500A (#400R3540);
- MV500S (#400R3649);
- K-500 TD (#4003377);
- K-500 TDC (#4003301);
- AK600DP-A (#400R3755);
- AK600DP-S (#400R3756);
- AK600DP-232 (#400R3763);
- AK600DP-SA (#400R3765);
- AK600DP-SAP (#400R3769);
- AK1200DP-A (#400R3681);
- AK1200DP-S (#400R3682);
- AK1200DP-232 (#400R3688);
- AK1200DP-SA (#400R3690);
- AK1200DP-SAP (#400R3694);
- XR-2000DP-A (#4003349);
- XR-2000DP-S (#4003622);
- XR-2000DP-SA (#4003097);
- XR-2000DP-SAP (#4003098)

Magenta Research is the industry-recognized leader in the adaptive distribution and switching of video/audio/serial signals over Cat5 cable, and more recently, DVI over fiber and/or Cat6. Over nine years, Magenta has developed the highest-performance, most flexible video-over-Cat5 product line, the MultiView Series. The company utilizes patent-pending RepliSync™ and complex, state-variable signal EQ technologies to enable WUXGA video distribution at 2,000 feet (610m). MultiView Series transmitters, receivers, switchers and distributive systems have been installed in a large variety of A/V applications, especially dynamic signage for airport, retail, fast food, museum, casino, theatre, courtroom and corporate applications. Based in New Milford, CT, Magenta utilizes a network of international distributors, manufacturers representatives and resellers to market its enabling technology worldwide.

