

Kramer 713 Composite Video and Stereo Audio over CAT5 Transmitter

The 713 is a twisted pair transmitter for composite video and unbalanced stereo audio signals. The 713 converts composite video and stereo audio into a twisted pair signal and the 714 receiver converts the TP signal back to composite video, stereo audio and S/PDIF digital audio output.

- System Range - Depending on the model of the receiver. 714-05: up to 600m (2000ft), 714-10: up to 1000m (3000ft), 714-15: up to 1600m (5300ft).
- High-Quality Audio - 48kHz/24bit.
- Equalization - Automatic or manual.
- Compact Kramer TOOLS™ - 3 units can be rack mounted side-by-side in a 1U rack space with the optional RK-3T rack adapter.

Specifications:

INPUT:	Video: 1 composite 1Vpp/75ohm on a BNC connector; Audio: 1 unbalanced stereo audio 4dBm/50k-ohm on two RCA connectors.
OUTPUT:	1 RJ-45 CAT 5 connector (LINE OUT).
VIDEO MAX. SIGNAL LEVEL:	1.4Vpp (terminated 75ohm).
AUDIO MAX. SIGNAL LEVEL:	2.3Vpp.
VIDEO BANDWIDTH (-3DB):	9MHz.
AUDIO BANDWIDTH (-3DB):	20Hz-20kHz.
VIDEO S/N RATIO (UNWEIGHTED):	>55dB RMS.
AUDIO S/N RATIO:	>85db @1kHz.
AUDIO CONVERSION:	48kHz/24-bit; S/PDIF out >0.5V/75ohm terminated.
CONTROLS:	Equalization; automatic and manual (+/-).
VIDEO COUPLING:	Input: AC; Output: DC.
AUDIO COUPLING:	Input: AC; Output: DC.
POWER SOURCE:	12V DC 120mA.
DIMENSIONS:	12cm x 6.9cm x 2.4cm (4.7" x 2.7" x 0.96") W, D, H.
WEIGHT:	0.3kg (0.67lbs) approx. (each).
ACCESSORIES:	Power supplies, mounting brackets.
OPTIONS:	RK-T1, RK-T3, 19" rack adapters.

Applications:

Remote monitoring for CCTV, medical and schools

Existing facilities with TP cable already installed

Teleconferencing in offices and hospitals using existing intercom or telephone wiring

Security systems