



712N

Composite Video & Stereo Audio over Twisted Pair Receiver



The **712N** is a twisted pair receiver for composite video and unbalanced stereo audio signals. The **711N** transmitter converts composite video and stereo audio to a twisted pair signal and the **712N** receiver converts the twisted pair signal back into composite video and stereo audio signals.

FEATURES

- Bandwidth - 85MHz (-3dB).
- Twisted Pair Input/Outputs - RJ-45 connectors.
- Looping Input - 712N (RJ-45).
- Selectable Input Signal Termination - 712N.
- Level (Gain) and EQ (Peaking) Controls - 712N.
- Power Connect™ System - A single connection to the transmitter or the receiver powers both units when the devices are within 150ft (50m) of each other.
- System Range - Up to 400m (1200ft).
- Cable - UTP (unshielded twisted pair) or STP (shielded twisted pair) such as CAT 5.
- Compact Kramer TOOLS™ - 3 units can be rack mounted side-by-side in a 1U rack space with the optional RK-3T rack adapter.



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TECHNICAL SPECIFICATIONS

INPUT:	1 RJ-45 CAT 5 shielded connector (LINE IN).
OUTPUT:	1 composite video 1Vpp/75 Ω , on a BNC connector; 1 stereo unbalanced audio 4dBu/50k Ω , on two RCA connectors.
VIDEO MAX. SIGNAL LEVEL:	2.8Vpp.
AUDIO MAX. SIGNAL LEVEL:	7.6Vpp.
VIDEO BANDWIDTH (-3dB):	85MHz.
AUDIO BANDWIDTH (-3dB):	>100kHz.
DIFF. GAIN:	0.04%.
DIFF. PHASE:	0.25Deg.
K-FACTOR:	0.1%.
VIDEO S/N RATIO:	75dB.
AUDIO S/N RATIO:	77dB.
AUDIO CROSSTALK (all hostile):	-53dB @5MHz, video into audio.
CONTROLS:	LEVEL: -1.3dB to +6.3dB; EQ @30MHz: 0dB to +3.7dB.
VIDEO COUPLING:	DC.
AUDIO COUPLING:	DC for both line input and output.
AUDIO THD + NOISE:	0.026%, 1kHz.
AUDIO 2nd HARMONIC:	0.001% @1kHz.
POWER CONSUMPTION:	12V DC 45mA, when 711N is fed by an independent 12V supply.
DIMENSIONS:	12cm x 7.15cm x 2.76cm (4.7" x 2.8" x 1.08") W, D, H.
WEIGHT:	0.3kg (0.67lbs) approx. (each).
INCLUDED ACCESSORIES:	Power supply, mounting bracket (each).
OPTIONS:	RK-3T 19" rack adapter.

