



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.

TECHNICAL SPECIFICATIONS

INPUT:	1 RJ-45 CAT 5 shielded connector (LINE IN).
OUTPUT:	1 composite video 1Vpp/75Ω, on a BNC connector; 1 stereo unbalanced audio 4dBu/50kΩ, 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.
INCLUDED ACCESSORIES:	Power supply, mounting bracket (each).
OPTIONS:	RK-3T 19" rack adapter.
PRODUCT DIMENSIONS:	12.00cm x 7.15cm x 2.44cm (4.72" x 2.81" x 0.96") W, D, H
PRODUCT WEIGHT:	0.2kg (0.4lbs) approx.
SHIPPING DIMENSIONS:	23.20cm x 12.00cm x 8.90cm (9.13" x 4.72" x 3.50") W, D, H
SHIPPING WEIGHT:	0.5kg (1.1lbs) approx.

