



# KRAMER

## 712N

Composite Video & Stereo Audio over  
Twisted Pair Receiver

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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

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Bandwidth - 85MHz (3dB)

Twisted Pair Input/Outputs - RJ45 connectors

Looping Input - 712N (RJ45)

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



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## TECHNICAL SPECIFICATIONS

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INPUT:	1 RJ45 CAT 5 shielded connector (LINE IN)
OUTPUT:	1 composite video 1Vpp/75, on a BNC connector; 1 stereo unbalanced audio 4dBu/50k, 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:	RK3T 19" rack adapter
PRODUCT DIMENSION:	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 DIMENSION:	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

