



KRAMER

711N

Composite Video & Stereo Audio over Twisted Pair Transmitter



The **711N** is a twisted pair transmitter 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

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|--------------------------------|---|
| INPUT: | 1 composite video 1Vpp/75Ω, on a BNC connector; 1 stereo unbalanced audio 4dBu/50kΩ, on two RCA connectors. |
| OUTPUT: | 1 RJ-45 CAT 5 shielded connector (LINE OUT). |
| 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. |
| VIDEO COUPLING: | DC. |
| AUDIO COUPLING: | Input: AC; line output: DC. |
| AUDIO THD + NOISE: | 0.026%, 1kHz. |
| AUDIO 2nd HARMONIC: | 0.001% @1kHz. |
| POWER CONSUMPTION: | 12V DC 50mA, when 712N is fed by an independent 12V supply; 135mA when feeding 712N. |
| 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. |

