

IN1124**Four Output Twisted Pair Transmitter/Distribution Amplifier for RGBHV & Audio****RETIRED PRODUCT**

Model	Version Description	Part #
IN1124 Four Output Transmitter		IN1124-2
IN1130 Two Output Receiver		IN1130-2

This product has been retired.**SUGGESTED REPLACEMENT**

- [MTP DA4 & MTP DA8](#)

DESCRIPTION

The Inline IN1124 Twisted Pair Transmitter/Distribution Amplifier combines with the Inline IN1130 Twisted Pair Receiver/Distribution Amplifier to create a transmission and distribution system for sending high resolution RGBHV video signals and audio signals up to 500 feet (150 meters) using Extron Enhanced Skew-Free™ A/V UTP cable or CAT 5, 5e, or 6 unshielded twisted pair (UTP) cable.

By using one IN1124 transmitter and four IN1130 receivers, the VGA and stereo audio signal from one source computer can be split and amplified to drive a local monitor plus up to eight additional displays.

VGA and stereo audio input signals are connected to the IN1124 twisted pair transmitter. This unit features female 15-Pin HD connectors for VGA video input and local monitor output and female 3.5mm stereo mini connectors for stereo audio input and local audio output. The IN1124 converts stereo audio input signals to mono audio. Since the IN1124 also acts as a distribution amplifier, four female RJ-45 output connectors are provided for direct connection to the UTP output cables.

SPECIFICATIONS**Video**

Number/signal type	1, 4 or 8 sets of proprietary analog signals
Connectors	1, 4 or 8 RJ45 female

Video input

Number/signal type	
IN1124-2; INI1128-2	1 analog VGA-UXGA RGBHV, RGBS, RGsB and 1 unbuffered local monitor output of analog VGA-UXGA RGBHV, RGBS, RGsB
IN1130-2	1 set of proprietary analog signals
Connectors	
IN1124-2; INI1128-2	1 female 15-pin HD for input 1 female 15-pin HD for unbuffered local monitor loop-through (Mac and Sun/SGI to VGA adapters are available)
IN1130-2	1 shielded female RJ45
Nominal level	0.7V p-p for RGB
Minimum/maximum levels	Analog:: 0.3V to 1.5V p-p with no offset at unity gain
Impedance	75 ohms
Horizontal frequency	15 kHz to 130 kHz
Vertical frequency	30 Hz to 150 Hz

Video output

Number/signal type	
IN1124-2	4 sets of proprietary analog signals
IN1128-2	8 sets of proprietary analog signals
IN1130-2	2 analog RGBHV, RGBS, RGsB
Connectors	
IN1124-2	4 shielded female RJ45
IN1128-2	8 shielded female RJ45
IN1130-2	2 female 15-pin HD
Nominal level	0.7V p-p for RGB
Minimum/maximum levels	0.3V to 1.5V p-p
Impedance	75 ohms

Sync

Input type	RGBHV, RGBS, RGsB
Output type	RGBHV, RGBS, RGsB
Input level	2.0V to 5.5V p-p
Output level	4.0V to 5.0V p-p
	TTL: 5.0V p-p, unterminated
Input impedance	510 ohms
Output impedance	75 ohms
Max. propagation delay	48 ns
Max. rise/fall time	3.5 ns

Audio

Number/signal type	4 or 8 sets of analog proprietary signals
Connectors	4 or 8 RJ45 female
Frequency response	20 Hz to 20 kHz, ± 0.05 dB
THD + Noise	0.3% @ 1 kHz at nominal level
S/N	>68dB at rated maximum output
Crosstalk	<-80dB @ 1 kHz
Stereo channel separation	>80dB @ 1 kHz
CMRR	>33dB @ 20 Hz to 20 kHz

Audio input

Number/signal type	
IN1124-2, IN1128-2	1 stereo, unbalanced, and 1 local output
IN1130-2	1 set of proprietary analog signals
Connectors	
IN1124-2, IN1128-2	(1): 3.5 mm mini stereo jack (1): 3.5 mm mini stereo jack (for unbuffered local output)
IN1130-2	1 shielded RJ-45 female
Impedance	>5 kohms unbalanced, DC coupled
Nominal level	-10dBV (316mV)
Maximum level	+5.5dBu, (unbalanced) at 1%THD+N

Audio output

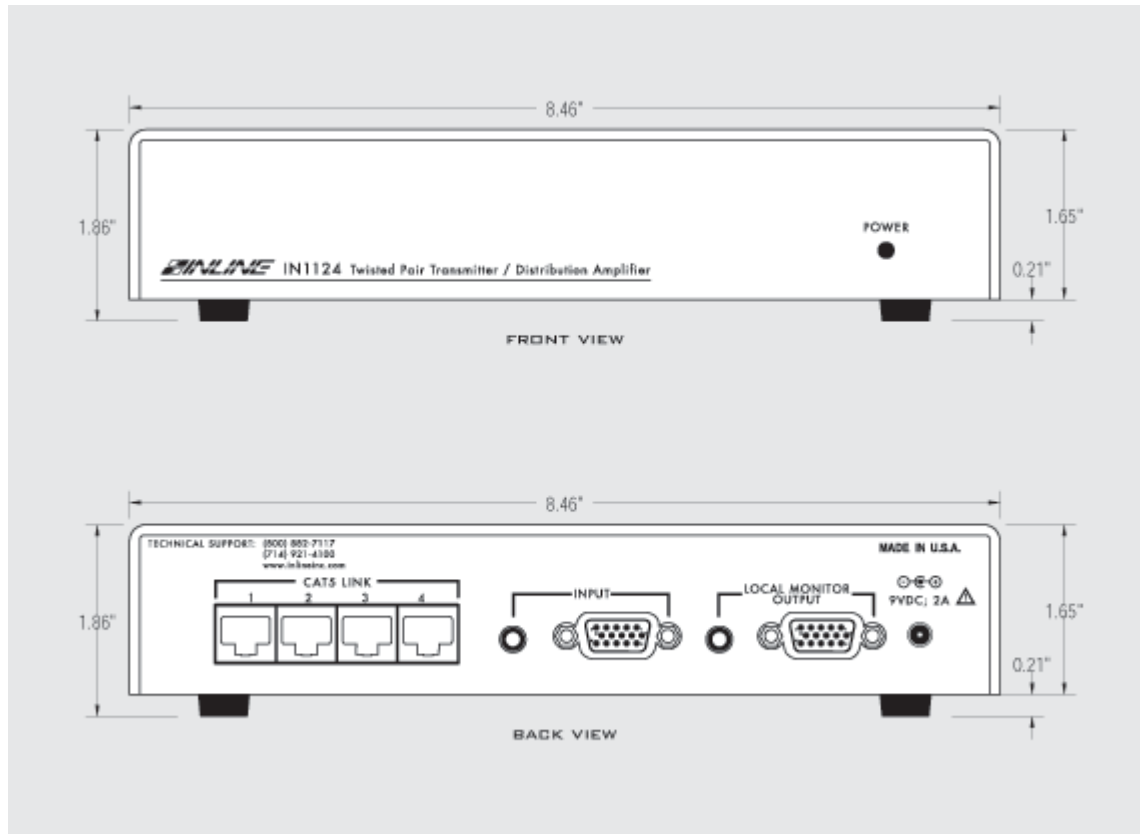
Number/signal type	
IN1124-2	4 sets of proprietary analog signals
IN 1128-2	8 sets of proprietary analog signals
IN1130-2	2 mono, unbalanced
Connectors	
IN1124-2	4 shielded RJ-45 female
IN1128-2	8 shielded RJ-45 female
IN1130-2	(2) 3.5 mm mini jacks
Impedance	5 kohms unbalanced, : 10 kohms balanced
Nominal level	-10dBV (316mV)

General

Power	100VAC to 240VAC, 50/60 Hz, 15 watts, external, autoswitchable
IN1124, IN1128	External 9VDC, 2.0A power supply.: Product requires 1.6 A.

IN1130	External 9VDC, 0.5A power supply.: Product requires 0.45 A.
Temperature/humidity	Storage -40° to +158°F (-40° to +70°C) / 10% to 90%, non-condensing Operating +32° to +122°F (0° to +50°C) / 10% to 90%, non-condensing
Rack mount	
IN1124, IN1128	Yes, with optional 1U rack shelf, part #IN9080
IN1130	No, but furniture or other flat surface mountable with optional #IN9089 mounting brackets
Enclosure type	Metal
Enclosure dimensions	
IN1124, IN1128	1.7" H x 8.5" W x 6.0" D (1U high, half rack width) 4.2 cm H x 21.6 cm W x 14.7 cm D (Depth excludes connectors.)
IN1130	1.7" H x 5.6" W x 3.75" D (1U high) (4.3 cm H x 14.2 cm W x 9.5 cm D) (Depth excludes connectors.)
Product weight	
IN1124	1.0 lb: (0.5 kg)
IN1128	1.5 lb: (0.7 kg)
IN1130	0.7 lb: (0.3 kg)
Shipping weight	
IN1124	3 lbs: (1.4 kg)
IN1128	4 lbs: (1.8 kg)
IN1130	2 lbs: (0.9 kg)
Vibration	ISTA/NSTA 1A in carton (International Safe Transit Association)
Listings	ETL (UL1950)
Compliances	CE
MTBF	30,000 hours
Warranty	3 years parts and labor
(7.40-010703-D2)	

PANEL DRAWING



© 2006 Extron Electronics. Specifications are subject to change without notice.