

Specifications — CAT 5 Receivers

CAT 5 Receivers Specifications

Video

Number/signal type 1 or 2 sets of proprietary analog signals
Connectors 1 or 2 RJ-45 female

Video input — refer to the CAT 5 Transmitters Family User’s Manual, part #68-546-01

Video output

Number/signal type
CAT 5 R BNC A 1 analog RGBHV, RGBS, RGsB, component video, or S-video;
or 1 S-video and 1 NTSC/PAL/SECAM composite video from a single source;
or 3 NTSC/PAL composite video from a single source
CAT 5 R BNC AV 1 analog RGBHV, RGBS, RGsB, component video, or S-video;
or 1 S-video and 1 NTSC/PAL/SECAM composite video from a single source;
or 3 NTSC/PAL/SECAM composite video from a single source
and 1 NTSC/PAL/SECAM composite video
CAT 5 R AV 1 NTSC/PAL/SECAM composite video
Connectors
CAT 5 R BNC A 5 BNC female
CAT 5 R BNC AV 6 BNC female
CAT 5 R AV 1 BNC female
Minimum/maximum levels 0.3V to 1.45V p-p
Impedance 75 ohms

Audio

Number/signal type 1 or 2 sets of analog proprietary signals
Connectors 1 or 2 RJ-45 female
Frequency response 20 Hz to 20 kHz, ± 0.05 dB
THD + noise 0.03% @ 1 kHz, 0.3% @ 20 kHz at rated maximum output drive (+19.5dBu input, +21dBu output)
S/N >90dB at output +21dBu
Crosstalk >80dB @ 1 kHz, fully loaded
Stereo channel separation >80dB @ 1 kHz
CMRR >75dB @ 20 Hz to 20 kHz

Audio input — refer to the CAT 5 Transmitters Family User’s Manual, part #68-546-01

Audio output

Number/signal type
CAT 5 R BNC A,
CAT 5 R AV 1 stereo audio balanced/unbalanced, and 1 stereo audio unbalanced
CAT 5 R BNC AV 2 stereo audio balanced/unbalanced, and 2 stereo audio unbalanced
Connectors 2 female RCA (left/right) per input
1 3.5 mm, 5-pole captive screw connector per input
Impedance 50 ohms unbalanced, 100 ohms balanced
Gain error ± 0.1 dB channel to channel
Maximum level (600 ohm) >+14dBm, balanced at stated %THD+N

General

Power
CAT 5 R BNC A,
CAT 5 R AV 15VDC, 0.8A, external
CAT 5 R BNC AV 100VAC to 240VAC, 50/60 Hz, 40 watts, internal

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	
CAT 5 R AV	No, but projector mountable with optional mounting kit (#70-077-04), furniture mountable with optional mounting brackets (#70-077-01 and #70-077-02).
CAT 5 R BNC A, CAT 5 R BNC AV	Yes, with optional 1U rack shelf, part #60-190-01 and rack shelf mounting kit #70-123-01. Also, projector mountable with optional mounting kit, part #70-077-04 or furniture mountable with optional mounting brackets #70-077-01, 70-077-02.
Enclosure type	Metal
Enclosure dimensions	
CAT 5 R BNC A	1.25" H x 8.7" W x 7.0" D 3.18 cm H x 22.10 cm W x 17.78 cm D (Depth excludes connectors.)
CAT 5 R BNC AV	1.68" H x 8.7" W x 7.0" D 4.27 cm H x 22.10 cm W x 17.78 cm D (Depth excludes connectors.)
CAT 5 R AV	1.25" H x 4.75" W x 7.0" D 3.18 cm H x 12.07 cm W x 17.78 cm D (Depth excludes connectors.)
Shipping weight	3 lbs (1.4 kg)
Vibration	ISTA/NSTA 1A in carton (International Safe Transit Association)
Approvals	UL, CUL, CE, FCC Class A
MTBF	30,000 hours
Warranty	2 years parts and labor

NOTE Specifications are subject to change without notice.