

Specifications — CD 800 Quad-Standard Decoder

Video input

Number/signal type	1 S-video (Y/C), 1 composite video (switch-selectable)
Connectors	1 4-pin mini-DIN female S-video 1 BNC female composite video
Nominal level(s)	Analog 1V p-p
Minimum/maximum levels	Analog 0.4V to 2.0V p-p with no offset
Impedance	75 ohms
Horizontal frequency	15.6 kHz to 17.75 kHz
Vertical frequency	50 Hz to 60 Hz

Video throughput

Gain	Variable by adjusting contrast
Bandwidth	6 MHz (-3dB) (luminance)
Differential phase error	1.5°, 0 to 10 MHz
Differential gain error	1.5%, 0 to 10 MHz

Video output

Number/signal type	1 RGBHV, RGBS, RGsB (toggle switch-selectable)
Connectors	5 BNC female
Nominal level	Analog 0.7V p-p, DC coupled
Impedance	75 ohms
DC offset	±0.1V maximum

Sync

Output type	RGBHV, RGBS, RGsB (toggle switch or Windows program control selectable)
Standards	NTSC 3.58, NTSC 4.43, PAL, SECAM
Input level	0.3V p-p
Output level	TTL 5V p-p
Input impedance	75 ohms
Output impedance	75 ohms
Polarity	RGBHV positive or negative (switch-selectable) S-video negative Composite video negative

Control/remote — decoder

Serial control port	RS-232, 9-pin female D connector
Baud rate and protocol	9600, 8-bit, 1 stop bit, no parity
Serial control pin configurations	2 = TX, 3 = RX, 5 = GND
Contact closure	9-pin female D connector
Program control	Extron's control program for Windows® Extron's Simple Instruction Set™ – SIS™

General

Power	100VAC to 240VAC, 50/60 Hz, 7.5 watts, internal, auto-switchable
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	Yes, with optional rack shelf, part #60-190-01
Enclosure type	Metal
Enclosure dimensions	1.75" H x 8.75" W x 9.5" D 4.45 cm H x 2.22 cm W x 24.13 cm D
Shipping weight	5 lbs (2.3 kg)
Vibration	NSTA 1A in carton (National Safe Transit Association)
Approvals	UL, CUL, CE

Warranty 2 years parts and labor

NOTE *Specifications are subject to change without notice.*

(7.0-112012-D2)