

CLOSED CAPTION DECODER PAL & NTSC, CV, CAV, & Y/C MODEL PDC-888



FEATURES

- ◆ Field 1 & Field 2
- ◆ Captions
- ◆ Text
- ◆ XDS
- ◆ EIA-608 Extended Character Set
- ◆ All video Channels Power Line by-pass
- ◆ PAL/NTSC Auto Detect
- ◆ S-Video I/O
- ◆ Composite Video I/O
- ◆ Component Video I/O
- ◆ Standard Rack Mountable
- ◆ 120/240 AC Line Voltage Detect

The PDC-888 is a high performance Closed Caption Decoder for the NTSC/PAL system. It is capable of displaying captions for CV, CAV and Y/C as required by EIA-608. This includes the codes specified by the FCC Report and Order on General Docket No. 91-1 and EIA-608 recommended practices for Captions, Text and XDS.

Nine standard data channels are supported by the PDC-888: Caption channels 1 through 4 (CC1-CC4), Text modes 1 through 4 (T1 through T4), and Extended Data Services (XDS). The various operational modes are selectable from four front panel switches.

The component inputs accept RGB or YUV. All connectors use BNC except the S-Video connector. The caption data is keyed into all component channels. Packaged in LINK's standard 1 RU 800 Series chassis, the PDC-888 is both rugged and reliable.

The PDC-888 automatically detects PAL or NTSC. The AC line voltage selects between 96 to 245 volts.

Designed with the professional user in mind, the PDC-888 processes Composite video, Component video and S-Video. All video inputs including CV, CAV and Y/C have AC power by-pass in the event of power line failure. Component video is internally terminated. S-Video is standard levels, using a 4-pin Mini-Din connector for ease of operation. A complementary differential input amplifier assures high common mode rejection while its phase-linear keyer cleanly inserts decoded characters into the video image. Differential gain and phase are well within 0.1% and 0.1° respectively.

In addition, the PDC-888 is backed by a standard 10-year warranty. High performance, flexibility, and economy are equally represented in the PDC-888 Closed Caption Decoder.

PROFESSIONAL SERIES--

stand-alone system products--by *LINK*

**CLOSED CAPTION DECODER
MODEL PDC-888
SPECIFICATIONS**

COMPOSITE INPUTS & OUTPUTS:

Number: One
 Connector: BNC
 Level: 1.0Vpp ±6dB
 Character Video: 90 IRE Units
 Character Background: 10 IRE Units
 Impedance: 75Ω ±1%
 Frequency Response: ±0.1dB at 15MHz
 -0.5dB at 17MHz
 -1.0dB at 18.5MHz
 -3.0dB at 26MHz
 Differential Gain: 0.10%
 Differential Phase: 0.10°
 Propagation Delay: 19nS ±3
 Hum and Noise: >60dB to 5 Hz
 >40dB above 5MHz
 DC Offset: <2mV, Clamped
 Line Rate Tilt: <0.1%
 Field Rate Tilt: <0.1%

S-VIDEO INPUT & OUTPUT:

Y Level: 1 Vpp ±6dB
 C Level: 0.6 Vpp Nominal
 Impedance: 75Ω ±1%
 Connector: Four Pin Mini Din

COMPONENT INPUT & OUTPUT:

Red & U: 0.7Vpp ±5%
 Blue & V 0.7Vpp ±5%
 Green & Y: 1.0Vpp ±5%
 Y Channel Frequency Response: ±1dB, 30Hz to 3.5MHz

ENVIRONMENTAL:

Temperature: 0° to 50° C ambient
 Humidity: 10%/90% non-condensing
 Power: 9.5 VAR
 AC Voltage: 120/240 VAC±10%, 50/60Hz

MECHANICAL:

Height: Standard 1 Rack Unit 1.719 inches
 Width: Standard 1 Rack Unit 17.250 inches
 Depth: 7 inches
 Weight: 4lbs.,4oz.



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