



PCD-88

Closed Caption Decoder
Includes PWT-300

LINK
ELECTRONICS

The PCD-88 is a high performance closed caption decoder for the NTSC system. It is capable of processing and displaying all standard field one closed captions. The two channels of data that can be displayed are CC1, CC2. The two channels of captions are selectable from a two position switch located on the front panel. Two LED's indicate which of the two channels are selected. An automatic caption "Time-Out" function will erase displayed captions after 15 seconds if no new data is received.

This unit can easily be mounted adjacent to a video monitor that does not have a built-in closed caption decoder to accomplish excellent results. The required input signal is composite video with caption data on line 21 of field one. There are two 75Ω BNC composite video outputs. The input is high impedance looping configured as single ended, AC coupled, to work in all environments. The remaining BNC connector must be terminated with 75Ω. A regulated 12VDC power supply, such as the Link PWT-300, is included. The PWT-300 operates on AC power from 90 to 240VAC.

Three internal controls provide for adjustment of composite video level, background level and character intensity. The unit is housed in a high impact plastic case for durable operation in the field or in the studio. The mating plug for remote captions ON/OFF is supplied.

Exceptional Technical Support

The PCD-88 is backed by the Link Electronics standard 10-year warranty and 24/7 free customer support. It meets the innovative, high performance, flexibility, and reliability requirements of all Link Electronics products.

Features

- Two Outputs
- BNC Loop Through

- Switch Select CC1 & CC2
- 12 VDC Regulated

- Remote Caption ON/OFF

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Input:

Video Level: 1.0 Vpp \pm 6dB
Impedance: 50K Ω , Bridging
Configuration: Single Ended, AC Coupled

Outputs:

Number: Two
Level: Unity
Impedance: 75 Ω \pm 1%, source terminated
Character Video: 90 IRE
Character Background: 10 IRE
Caption Time Out: 15 Seconds
Frequency Response: \pm 1dB to 10MHz
..... \pm 2 dB at 20 MHz
..... -4dB at 30 MHz
Differential Gain: 0.2%
Differential Phase: 0.5E
Output DC Offset: AC Coupled
Hum & Noise: >50dB
Propagation Delay: 12nS
Line Rate Tilt: 0.1%
Field Rate Tilt: 0.1%

Internal Controls:

Video Level: 1 Vpp \pm 3dB
Character Intensity: 90 \pm 20 IRE
Background Level: 10 \pm 50 IRE

ENVIRONMENTAL:

Temperature: 0E to 50EC, Ambient
Humidity: 0% to 90% non-condensing

POWER: (PWT-300 Included)

Voltage: 12 VDC, Regulated
Power: 1.0 watt Typical

MECHANICAL:

Height: 1.4"
Width: 4.5"
Depth: 2.6"
Weight: 5.5oz.



The manufacture reserves the right to change specifications without notice

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