



IEC-788

Two Field Closed Caption Decoder PAL & NTSC, Composite Plus Y/C



The IEC-788 is a high performance Closed Caption Decoder for the NTSC/PAL system. It is capable of processing and displaying all standard closed caption format transmissions. 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 IEC-788: Caption channels 1 through 4 (CC1- CC4), Text modes 1 through 4 (T1 through T4), and Extended Data Services (XDS). The various operating modes are selectable from four front panel switches.

Packaged in LINK's compact 700 Series chassis, the IEC-788 is both rugged and reliable. If desired, it may be rack mounted along side two other 700 Series units of any mix. A switch on the rear panel selects PAL or NTSC and a switch on the front panel selects between 115 or 230VAC.

The IEC-788 processes composite baseband video or S-Video. The composite video input is high impedance looping and the S-Video is standard levels. 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.

Exceptional Technical Support

The IEC-788 two field closed caption decoder 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

- Field 1 & Field 2
- Captions
- Text
- XDS

- EIA-608 Extended Character Set
- PAL/NTSC
- S-Video Input & Output

- Baseband Video Input & Output
- Differential Input
- Rack Mountable (Optional Tray)



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Composite Input:

Video Level: 1.0Vpp ±6dB
 Impedance: >18KΩ Looping
 Connector: BNC
 Maximum DC on Inputs: ±6.0VDC
 Common Mode Range: 5Vpp
 CMRR @60Hz: >50dB

Composite Outputs:

Number: Two
 Connector: BNC
 Level: Unity Gain
 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 ±3ns
 Hum and Noise: >60dB to 5 MHz
 >40dB above 5MHz
 DC Offset: <2mV, Clamped
 Line Rate Tilt: <0.1%
 Field Rate Tilt: <0.1%
 S-VIDEO INPUT:
 Y Level: 1 Vpp ±6dB
 C Level: 0.6 Vpp Nominal
 Impedance: 75Ω ±1%
 Connector: Four Pin Mini Din

S-Video Output:

Number: Two, one 4 Pin Mini Din & One BNC pair (Y & C)
 Y Level: 1 Vpp ±6dB
 C Level: 0.6 Vpp Nominal

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: 1.0 inches
 Width: 5.5 inches
 Depth: 9.25 inches
 Weight: 2lbs., 9oz.



The manufacture reserves the right to change specifications without notice

2709 State Hwy 248 Branson, MO 65616
 linkelectronics.com

Phone: 417-320-3438