

## TWO FIELD CLOSED CAPTION DECODER MODEL IEC-786





## **FEATURES**

- ◆ Field 1 & Field 2
- **◆** Captions
- ◆ Text
- **♦** XDS

- ♦ Baseband Video Input
- ♦ Baseband Video Output
- **◆** Differential Input
- ◆ Rack Mountable (Optional Tray)

The IEC-786 is a high performance Closed Caption Decoder for the NTSC system. It is capable of processing and displaying all standard line 21 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 in field 2.

Nine standard data channels are supported by the IEC-786: 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. Designed with the professional user in mind, the IEC-786 processes composite baseband video.

It features a high impedance looping input and two composite video outputs. 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.

Packaged in LINK's compact 700 Series chassis, the IEC-786 is both rugged and reliable. If desired, it may be rack mounted along side two other 700 Series units of any mix.

In addition, the IEC-786 is backed by a standard 10-year warranty. High performance, flexibility, and economy are equally represented in the IEC-786 Closed Caption Decoder.

## **MODEL IEC-786 CLOSED CAPTION DECODER**

## **SPECIFICATIONS**

INPUT:         Video Level:       1.0Vpp ±6dB         Impedance:       >20KΩ Looping         Connector:       BNC         Maximum DC on Inputs:       ±6.0VDC         Common Mode Range:       5Vpp         CMRR @60Hz:       >50dB    OUTPUTS:
Number:         Two           Connector:         BNC           Level:         Unity Gain           Character Video:         90 IRE Units
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-3.0dB at 16.5MHz -3.0dB at 26MHz Differential Gain: 0.10% Differential Phase: 0.10° Propagation Delay: 16nS Hum and Noise: >55dB to 5MHz
DC Offset:       <2mV, Clamped
ENVIRONMENTAL:         Temperature:       0° to 50° C ambient         Humidity:       10%/90% non-condensing         Power:       9VAR         AC Voltage:       120/240 VAC±10%, 50/60Hz
MECHANICAL:         Height:       1.0 inches         Width:       5.5 inches         Depth:       9.25 inches         Weight:       2lbs., 9oz.







PRT-700 RACK TRAY