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.

Designed with the professional user in mind, the IEC-788 processes composite baseband video or S-Video. The composite video input is high impedance looped 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.

In addition, the IEC-788 is backed by a standard 10-year warranty. High performance, flexibility, and economy are equally represented in the IEC-788 Closed Caption Decoder.
IEC-788 SPECIFICATIONS

COMPOSITE INPUT:
- Video Level: 1.0 Vpp ±6dB
- Impedance: >18kΩ Looping BNC
- Connector: BNC
- Maximum DC on Inputs: ±6 VDC
- Common Mode Range: 5 Vpp
- 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
  - >60dB at 5 MHz
  - >40dB above 5MHz
  - <2mV, Clamped
- Differential Gain: 0.10%
- Differential Phase: 0.10°
- Propagation Delay: 19μs ±3ns
- Hum and Noise:
  - >60dB to 5 MHz
  - >40dB above 5MHz
  - <2mV, Clamped
- DC Offset: <0.1%
- 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.

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Model PRT-700

PROFESSIONAL SERIES--
stand-alone system products--by LINK

IEC-788 Rear Panel