



LEI-592P

IP Caption Data and Audio Processor



Caption Over The Internet

The LEI-592P allows Internet Protocol (IP) captioning and IP audio in one unit. This allows the removal of the traditional 2 phone line setup without having to buy a new Internet capable encoder or signing up for a specific captioning service. The unit connects to the encoder via serial RS232 and has the analog program audio connected to it with a stereo mini jack. The audio is sent out of the units Ethernet port and caption data is received into the units Ethernet port. The gateway router that the unit is connected to would have to be set up to allow two ports to be forwarded. This device allows true IP captioning.

Audio Presence/Clipping Detection

The LEI-592P has a data LED to indicate receiving or sending data through the Ethernet. It also has a LED for audio to indicate audio presence and audio clipping (input audio too high). The audio is received at the captioner's computer using a free LEI-592P Player available on the Link Electronics web site. The captioner will enter the IP address and port number of the LEI-592P into the player software and connect to the LEI-592P. The audio output device can be selected by the captioner through the player software, along with audio volume control. The player can be minimized and can run in the background.

Multiple Selectable Baud Rates

The LEI-592P has user selectable baud rates of 1200, 2400, and 9600, and either 8-N-1 or 7-O-1 type serial data, a standard 3.5 stereo headphone jack with volume control, and an Ethernet port for a broadband connection. The audio is sampled at 16 KHz allowing for audio that is better quality than Voice over Internet (VoIP) to be received by the captioner via TCP/UDP. Latency of the audio is less than 200ms plus the latency of the Internet, the latency can also be adjusted through the audio player. The serial and audio data is sent through two serial tunnels connecting to the captioner. IP address, port numbers, encryption and password security can be setup via a built in web page using a web browser.

Exceptional Technical Support

The LEI-592P 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

- Audio and Data transmission
- Caption over Internet
- Audio over the Internet
- Eliminate Phone Line

- Serial Input
- Multiple baud rates
- Data Send/Receive Detection
- Volume control

- Works with most Closed Caption Encoders
- Audio Presence/Clipping Detection



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Rear Panel Connections:

Ethernet: RJ-45 Connection
 Stereo Audio Mini 3.5 mm Male Connector
 RS-232: Connects to Encoder
 AC Connector: Standard AC connector, 115 to 225 VAC

Front Panel Controls:

Power On/Off: AC Power On or Off
 Fuse: 250 mA Rating
 Audio: Audio Presence/Clipping Detection
 Data: Ethernet Data Sending/Receiving Detection
 Rate: 9600, 2400, 1200
 Parity: 7 Odd 1 or 8 None 1
 Vol: Audio Volume Level Control

Environmental:

Temperature: 0° to 50°C Ambient
 Humidity: 10% to 90% non-condensing
 Power: 4.2 Watts

Mechanical:

Height: 1.75 Inches
 Width: 5.5 Inches
 Depth: 9.25 Inches
 Weight: 2.5 Pounds



Free LEI-592 Player

