Cost Effective, Super Reliable, MPEG-2 or H.264 Repeating Transport Stream Playout Server or Clip Server with ASI Playout. No Fans or Motors. (Transport Streams Originate from the On-Board Flash Card Reader.)

Suitable for Both Broadcast Video Clip Looping of In house Channel or Out of Services messages. Ideal “Install and Forget” Device to Install at Transmitters, Etc., as a Signal Source for Promo Channels. Ships with Encoded Color Bars and Video Clip of San Diego.

Features

- DVB-ASI output
- Plays back MPEG-2 and H.264/AVC (MPEG-4 Part 10) transport streams
- Compatible with HD or SD streams
- Flash Drive lets you build, maintain, and use a large local library of Video Clips
- Supports both SPTS and MPTS
- Supports VBR or CBR
- Field upgradeable content via card swap
- Maximum output bit rate: 50 Mbps
- Requires very little power
- Comes with color bars and sample Transport Streams
- Ships with “wall” power supply
- Flash Card can be loaded by customer with TS
- Uses industry standard Flash Memory Cards
- Ships with Video ReDo I frame TS cutting tool and USB to memory card adapter
- Maximum capacity 4 GB

Overview

Transport streams are packetized MPEG streams with meta data, created by broadcasters to transmit video between various locations. ASI is a convenient physical interface for transport streams.

The Loop Source ASI™ is a highly reliable transport stream server that is designed to continuously play short or long compressed video clips. There are no motors or fans to fail.

It is designed to provide continuous transport streams that are on the flash card as long as power is present.

The Loop Source ASI is designed for 24/7 operation and has been designed to be extremely reliable.

This product was designed to provide “always on” and reliable 1 to 50 Mbps MPEG-2 or H.264 transport streams to devices where “Set and Forget” is desirable.

Sample transport streams and color bars are included with the Loop Source ASI. Additional transport streams can be requested at time of purchase.

We have the capability to encode color bars and add your call letters as an overlay. This is optional.
## Specifications

### LEDs

The three LEDs in front of the unit function as follows:

<table>
<thead>
<tr>
<th>Power – Top LED</th>
<th>Status 1 – CD – Middle LED</th>
<th>Status 2 – LCK – Bottom LED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power LED</td>
<td>Play LED</td>
<td>Lock</td>
</tr>
<tr>
<td>ON = Power On</td>
<td>ON = Device playing TS</td>
<td>ON = Device is locked to ASI</td>
</tr>
<tr>
<td>OFF = Power OFF</td>
<td>FLASHING = Playing not activated due to issues</td>
<td>FLASHING = No Lock</td>
</tr>
</tbody>
</table>

### Inputs/Outputs

<table>
<thead>
<tr>
<th>Input:</th>
<th>Transport stream file on flash card memory</th>
</tr>
</thead>
<tbody>
<tr>
<td>Output:</td>
<td>DVB-ASI</td>
</tr>
<tr>
<td>Connectors:</td>
<td>75 Ohms BNC</td>
</tr>
<tr>
<td>Maximum Bitrate</td>
<td>50 Mbps</td>
</tr>
</tbody>
</table>

### Physical & Power

<table>
<thead>
<tr>
<th>Power:</th>
<th>Input Voltage: DC, USB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power Consumption:</td>
<td>7 watts</td>
</tr>
<tr>
<td>Dimensions (WxDxH):</td>
<td>5.5” x 5.1” x 1.2 inches (140 x 130 x 30 mm)</td>
</tr>
<tr>
<td>Weight:</td>
<td>1.2 lbs. (0.544 Kg.)</td>
</tr>
<tr>
<td>Conformities:</td>
<td>CE, RoHS</td>
</tr>
</tbody>
</table>

### Rear Connectors

- **On/Off**
- **Power**
- **Not Connected**
- **ASI Out**

### Typical Application

- **RF Signal**
- **Transmitter**
  - STL Rx
  - T-Source ASI
- **ASI Receiver**
- **WAXX-TV**
- **Studio**

## Ordering Information

Loop Source ASI