SDM-272p SDI to S-Video Encoder

This compact encoder converts from SDI to S-Video (NTSC, PAL, PAL-M or PAL-N based S-Video). The encoder automatically detects 525 and 625 formats and provides a convenient built-in color bars generator. This encoder is ideal for monitoring or dubbing in mixed SDI/S-Video environments.

**Technical Specifications**

**INPUT**
- SIGNAL: SMPTE 259M-C (270 Mbps)
- CABLE LENGTH: 200 m (650') (Belden 8281)
- RETURN LOSS: > 12 dB up to 270 MHz
- CONNECTOR: 75 ohms BNC

**OUTPUT**
- SIGNAL: S-Video 1.0 Vp-p nominal with sync
- CONNECTOR: Cable with male mini-DIN 4

**Processing Performance**
- QUANTIZATION: 10 bits
- SAMPLING: 27 MHz (2X oversampling)
- FREQ. RESPONSE: ±0.5 dB to 4.2 MHz
- PROCESSING DELAY: 2 μs
- TEST SIGNAL: 75% color bars with 100% white

**Ordering Information**

- **SDM-272p**
- **SDI To S-Video Encoder**
- **Accessories**
  - LKS-WSU: Power Supply For 110 V or 220 V
  - pl-Tray: Rack mounted tray for up to 10 picoLinks
  - pico-PA: 12V to 5V Power Adaptor

ASD-272p S-Video to SDI Decoder

The ASD-272p is the industry’s smallest S-video decoder. This product automatically detects NTSC, PAL, PAL-M, PAL-N, and SECAM S-video signals and provides a 4:2:2 serial digital signal conforming to the SMPTE 259M-C standard. The supported inputs range from stable, studio-type sources to satellite and VTR-type sources. This feature packed unit delivers ease-of-use, a simplified design, easy installation and operation.

**Technical Specifications**

**INPUT**
- SIGNAL: S-Video NTSC (525/60) SMPTE 170M or PAL (625/50) ITU 624-4 or SECAM (625/50) ITU 624-4
- CONNECTOR: Cable with male mini-DIN 4

**OUTPUT**
- SIGNAL: SMPTE 259M-C (270 Mbps)
- RETURN LOSS: > 15 dB up to 270 MHz
- JITTER: < 10 ns p-p
- CONNECTOR: 75 ohms BNC

**Processing Performance**
- QUANTIZATION: 8 bits
- FREQ. RESPONSE: ±0.5 dB to 4.2 MHz
- PROCESSING DELAY: 70 μs

**Ordering Information**

- **ASD-272p**
- **S-Video To SDI Decoder**
- **Accessories**
  - LKS-WSU: Power Supply For 110 V or 220 V
  - pl-Tray: Rack mounted tray for up to 10 picoLinks
  - pico-PA: 12V to 5V Power Adaptor