

3Gbit 1 > 7 SDI Reclocking Distribution Amplifier

- 1 input and 7 outputs
- Reclocking
- Auto-detect input format
- Input present LED indication
- Suitable for SDI video up to 3Gbit/s (1080p60)
- Supports DVB-ASI

The DVD 1817 is a compact general purpose reclocking SDI distribution amplifier suitable for any SDI / HD-SDI video signal up to 3Gbit (1080p60) including DVB-ASI signals.

SMPTE 424M (3Gbit/s), SMPTE 292M (1.5Gbit/s) and SMPTE 259M (270Mbit/s) standards are supported.



Technical Specifications

| | |
|-----------------|--|
| Input | 1 x SDI 75 Ohm BNC connector |
| | SMPTE 424M, SMPTE 292M, SMPTE 259M, DVB-ASI |
| | Multi-standard operation from 270Mbit/s to 2.97Gbit/s |
| | Multi-rate reclocking |
| | Input present LED indication |
| | Return Loss: > 15dB to 1.5Gbit/s and > 10dB up to 3Gbit/s |
| | Automatic cable EQ (Belden 1694A cable) 250m @ 270Mbit/s, 140m @ 1.5Gbit/s, 80m @ 3Gbit/s |
| Outputs | 7 x multi-rate reclocked SDI outputs |
| | SMPTE 424M, SMPTE 292M, SMPTE 259M, DVB-ASI |
| | 75 Ohm BNC connectors |
| | Return Loss: > 15dB to 1.5GHz > 10dB to 3GHz |
| | Alignment Jitter < 0.2 UI @ 270Mbit/s, < 0.2 UI @ 1.5Gbit/s, < 0.3 UI @ 2.97Gbit/s |
| | Timing Jitter < 0.2 UI @ 270Mbit/s, < 1.0 UI @ 1.5Gbit/s, < 2.0 UI @ 2.97Gbit/s |
| Power | +12VDC power supply (included) |
| Size | 105mm x 95mm x 22mm (4.13" x 3.74" x 0.86") |
| Model # | DVD 1817 |
| Includes | Module, 12V DC power supply and Velcro mounting strip |

Power Adapter Options

The kit **INCLUDES** AC power supplies. The power adapters below are optional.



P-TAP 1000
Use with a standard battery P-TAP power source.



XLR 1000
Use with a standard 4 pin XLR camera battery power source.

Specifications subject to change