

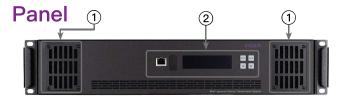
VST-4400 Series

Fiber Optical Solution

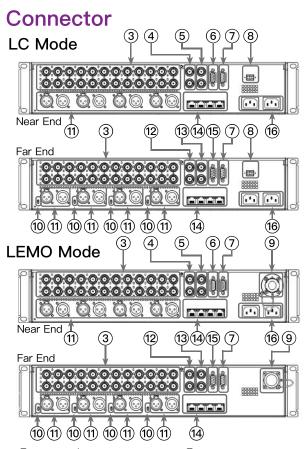
The ProOptic series is a diversified and versatile optical signal solution. It supports 12 channels of 12G-SDI, 4 bidirectional audio, 1 Independent Sync, 2 RS-422 serial data, 4 Gigabit Ethernet, 4 GPIO, etc. ProOptic series achieves signal extension unit via SMPTE hybrid cables, which can be widely used in applications such as Venue Production and Sports Broadcasting.

Feature

- 2 RU size chassis with AC power supply, dual redundant AC power supply as option
- Support SMPTE 304M connector/ LC connector with options including SC, FC, ST standard connectors
- Compatible with common single-mode fiber, typical transmission distance up to 10 km. optional 80km distance module
- Independent video transmission channels with re-clocking and cable equalization, all input/ output processing passed Pathological test
- Built-in bidirectional CWDM, support thirdparty optical transmission equipment (specified wavelength)
- Adhere to analog line standards and supports 4-wire intercom, supports Mic/Line audio signals and +48VDC Phantom power



- ① Fan
- ⑤ TC IN
- 13 TC OUT
- 2 Screen
- 6 GPI
- 10 Power Switch
- (4) 4x1G Ethernet



- ③ SDI IN/OUT
- (7) RS422
- 11) Audio IN/OUT
- (15) GPO

- 4 Sync IN
- (8) Fiber Connector
- 12 Sync OUT
- **16** AC IN

Technical Specifications

Dimension	Weight	Power Consumption	Operating Temperature	Operating Humidity
218*45*273mm	appr.2.3kg	AC 100-240V	0°C to +40°C	20% to 80%
Ethernet	Serial Data	Sync	GPIO	Fiber Connector
RJ45(X4) ,4000BASE-TX	DB9	BNC (X2)	DB9	LC (x2)
Video	Connectors	Signal Format	Impedance	Cable Equalization
12G-SDI	BNC (×24MAX)	SMPTE ST 2082-1/2081-1 SMPTE 424M/292M/259M	75Ω />4dB	50m, Belden 4794R
3G-SDI			75Ω />10dB	100m, Belden 1694A
Video	Amplitude	DC Offset	Rising/Falling Time	Jitter Timing/Align
12G-SDI	800mV	±4mV	38ps/37ps	0.58UI/0.10UI
3G-SDI			56ps/ 52ps	0.12UI/0.05UI