



SD1151-12G

Model NO. **1x5 12G-SDI DISTRIBUTION AMPLIFIER**

- ▶ 12G/6G/3G/HD/SD-SDI multi-rate signal processing
- ▶ 5 buffered and re-clocked outputs
- ▶ 1 channel SFP output for optional
- ▶ Support DVB-ASI signal
- ▶ Automatic cable equalization and signal retiming
- ▶ All ancillary data is passed to the outputs
- ▶ LED indicators for power and signal lock
- ▶ Threaded locking power connector
- ▶ Detachable bracket design for wall mounting

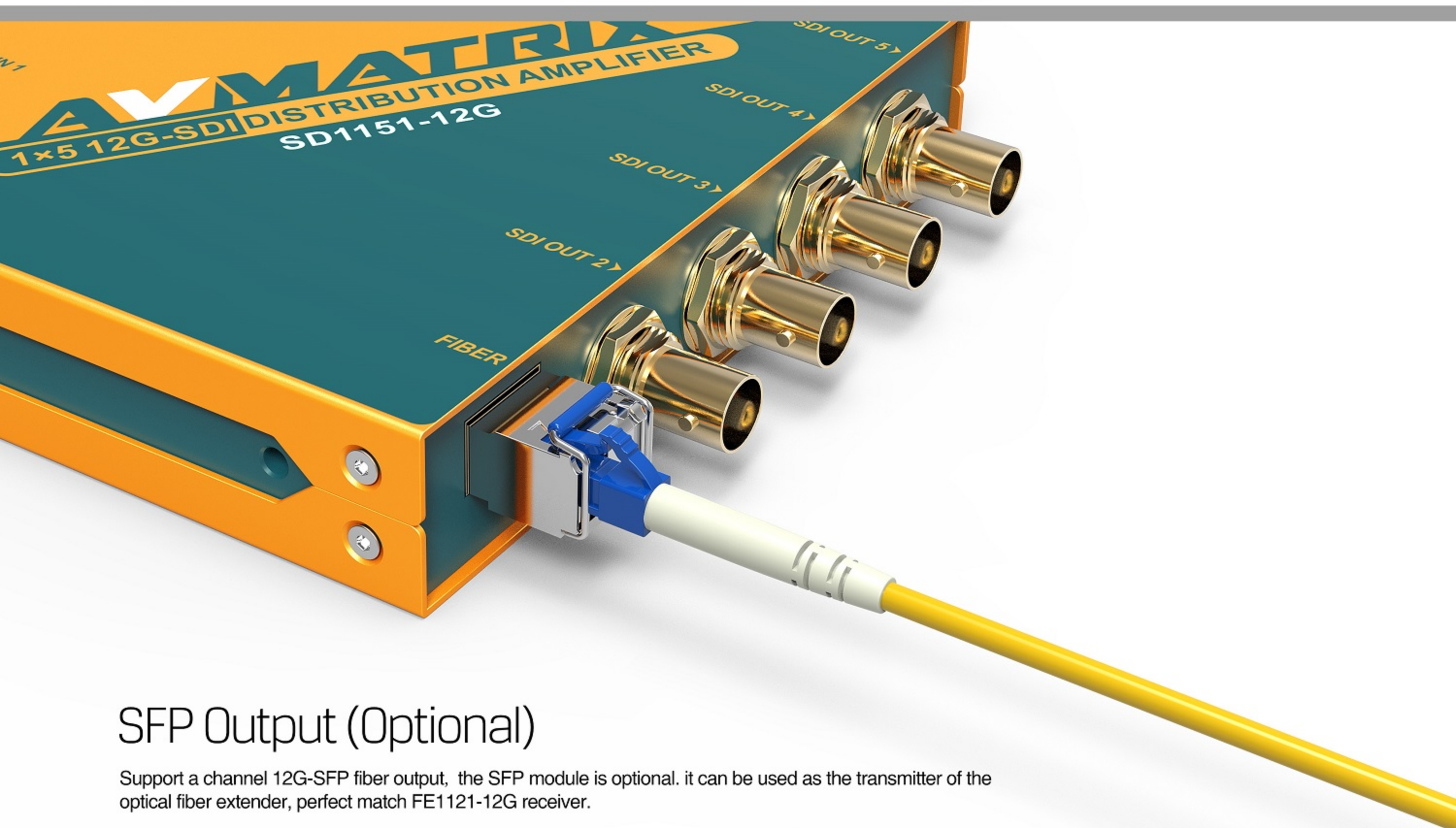
1x5 Distribution

SD1151-12G is a compact, one input, five output distribution amplifier for SDI and multi-rate SDI video signals up to 4K60hz(12 Gbps). Supported signals are downward compatible. All inputs and outputs support DVB-ASI signal.



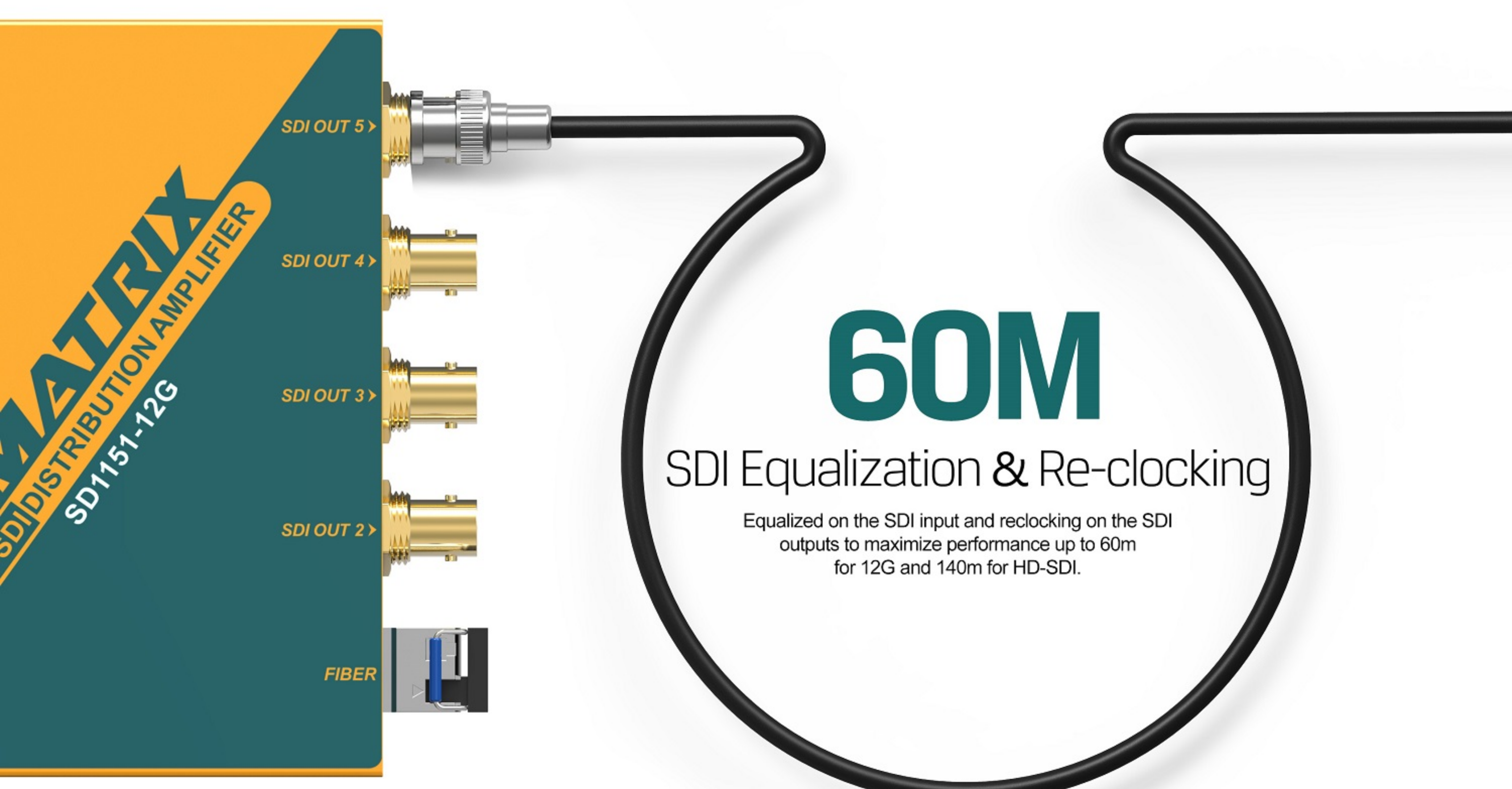
INPUT → **1x12G-SDI**

5x12G-SDI → **OUTPUT**



SFP Output (Optional)

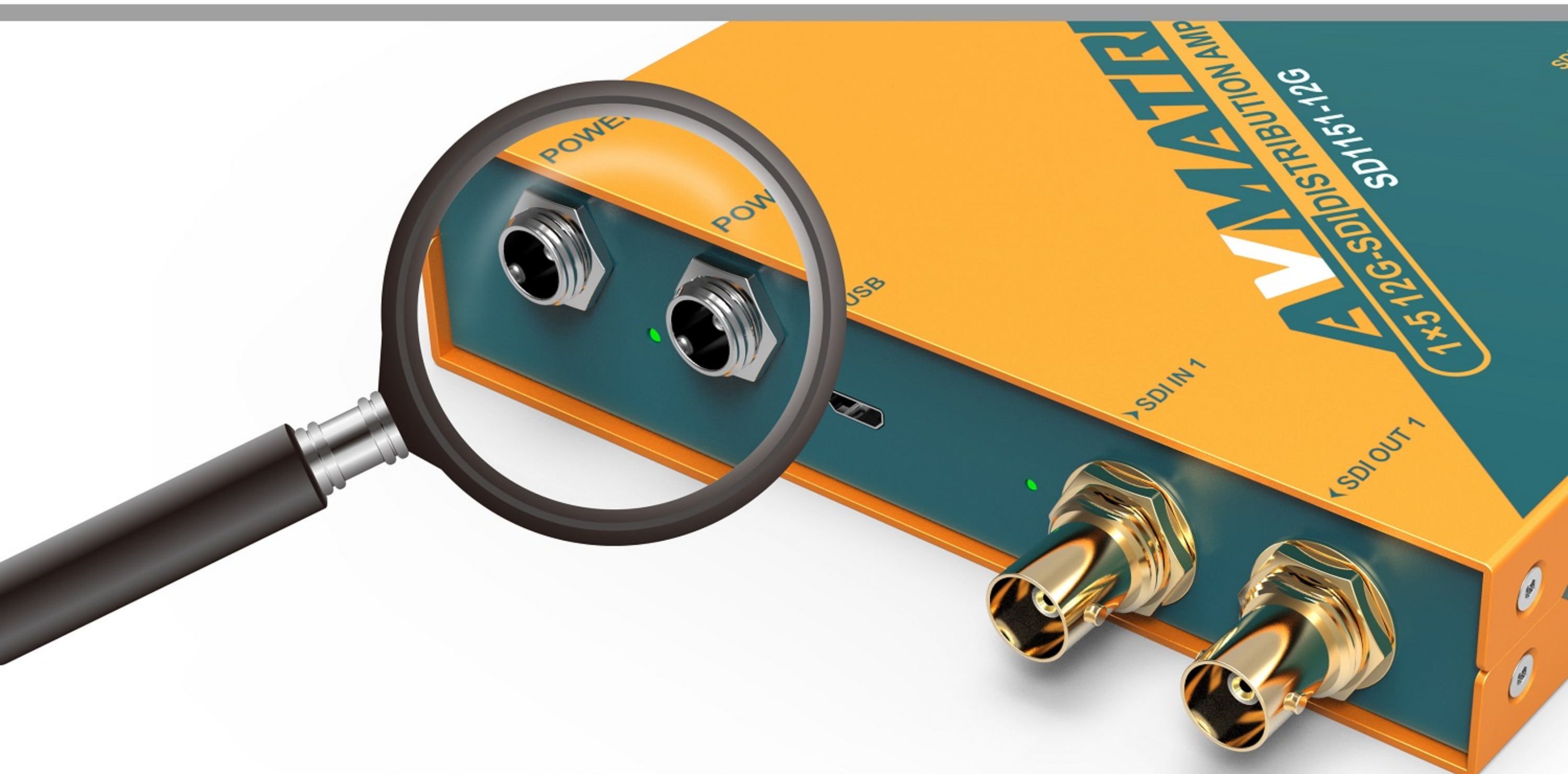
Support a channel 12G-SFP fiber output, the SFP module is optional. it can be used as the transmitter of the optical fiber extender, perfect match FE1121-12G receiver.



60M

SDI Equalization & Re-clocking

Equalized on the SDI input and reclocking on the SDI outputs to maximize performance up to 60m for 12G and 140m for HD-SDI.



Compact Design & Redundant Power

The use of premium components coupled with dual redundant power supplies ensures device works fine even when the mainpower supply encounters problems. And the super-compact design making a perfect fit for any live broadcast or post production, such as OB vans, broadcast control rooms and studios.

Technical specification

CONNECTIONS	Input	SD/HD/3G/6G/12G-SDI/DVB-ASI × 1
	Output	SD/HD/3G/6G/12G-SDI/DVB-ASI × 5 SFP × 1 (optional)
FORMATS	SDI Video Rate	SD/HD/3G/6G/12G-SDI
	SDI Compliance	SMPTE ST-2081, SMPTE ST-2082, SMPTE 259M, SMPTE 292M, SMPTE 296M, SMPTE 424M-B, ITU-R BT.656, ITU-R BT.601, SMPTE 274M, SMPTE 425M
	ASI Compliance	DVB-ASI
	SDI Color Space and Precision	RGB 4:4:4 10bit/12bit, YUV 4:2:2/4:4:4 10bit/12bit
	Power Connector	Micro USB, Threaded locking connector
POWER	Voltage Range	USB 5V, DC 5~17V
	Power Consumption	1W
ENVIRONMENT	Operating Temperature	-20°C~60°C
	Storage Temperature	-30°C~70°C
	Relative Humidity	0%~90% non-condensing
SIZE	Size	125.5×104×24.5mm
	Weight	485g
PACKING	What's included	SD1151-12G (1x5 12G-SDI Distribution Amplifier) 5V Special Power Adapters × 1
WARRANTY	Warranty	3 year limited warranty

