



# yellobrik®

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## Quick Reference

### Technical Specifications

SDI Input	1 x SDI; 75 Ohm BNC connector
	SMPTE 424M, SMPTE 292M, SMPTE 259M, SMPTE 2081, SMPTE 2082
	Multi-standard operation from 270Mbit/s to 12Gbit/s; reclocking
	Input present LED indication
	Electrical Return Loss: >15dB from 5MHz to 1.5GHz, >10dB from 1.5GHz to 3GHz, >7dB from 3GHz to 6GHz; >4dB from 6GHz to 12GHz
	Automatic cable EQ (Belden xxxx cable) 400m @ 270Mbit/s, 200m @ 1.5Gbit/s, 150m @ 3Gbit/s; 80m @ 6Gbit/s; 80m @ 12Gbit/s
	Hot pluggable
SDI Outputs	7 x multi-rate reclocked SDI outputs ; 75 Ohm BNC connectors
	SMPTE 424M, SMPTE 292M, SMPTE 259M, SMPTE 2081, SMPTE 2082
	Electrical Return Loss: >15dB from 5MHz to 1.5GHz, >10dB from 1.5GHz to 3GHz, >7dB from 3GHz to 6GHz; >4dB from 6GHz to 12GHz
	Alignment Jitter < 0.2 UI @ 270Mbit/s, < 0.2 UI @ 1.5Gbit/s, < 0.3 UI @ 3Gbit/s, 6Gbit/s, 12Gbit/s
Power	+12VDC @ 2.7W nominal - ( supports 7 - 24VDC input range )
Physical	Size: 138mm x 90mm x 22mm (5.43" x 3.54" x 0.86") including connectors Weight: 240g (8.46oz)

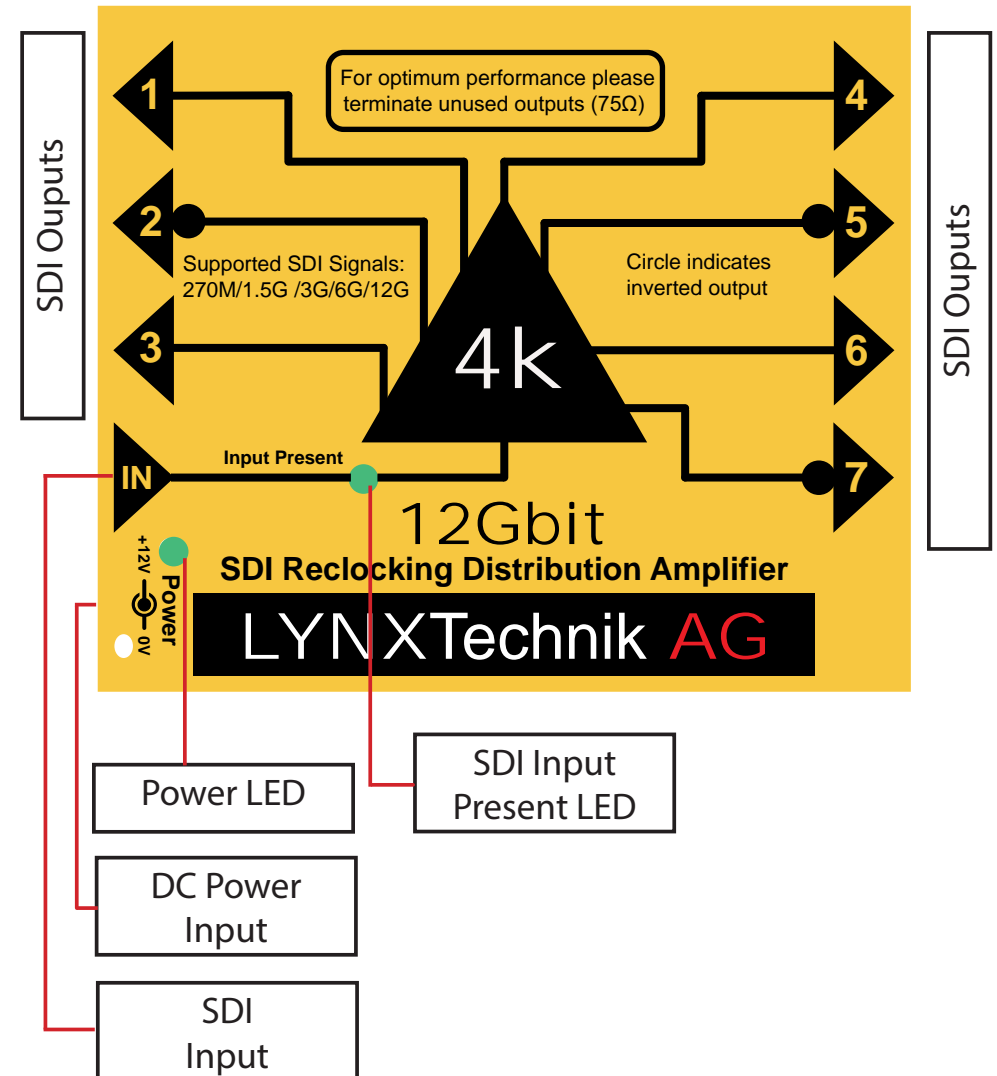
We are constantly adding more yellobrik modules. Please visit our website for the latest product updates.

[www.lynx-technik.com](http://www.lynx-technik.com)

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### DVD 1417

### 12Gbit 1>7 SDI Reclocking Distribution Amplifier



## Connections

All connections are clearly indicated on the module and self explanatory.

## Operation

The DVD 1417 has one multi-format SDI input, with seven SDI outputs. The Input bit rate is automatically detected and the signal reclocked at the corresponding clock rate.

The “Signal Present” LED is illuminated when a valid input signal is connected.

The module supports all SDI video standards up to 12Gbit/s.

The DVD 1417 is hot swappable and hot pluggable.

No user settings are provided for this module.

## Power

The module requires a 12V DC power input and the LED confirms when power is connected. A power supply is provided, however if you use your own power supply, please provide a clean 12V DC power source between 7 and 24VDC.

The DVD 1417 has a power consumption of approximately 2.7W nominal.

## Power Lead Strain Relief

The module (different module shown here) has a small hole in the case which is located above the power connection. This prevents the power lead being accidentally pulled out. Use the supplied tie-wrap and secure the lead as shown below.



## Optional Mounting Solutions

The optional RFR 1001 mounting bracket can be used to permanently mount the module on any surface or on 19” rack rails.



The optional RFR 1000-1 rack mount can be used to permanently mount up to 14 yellobrik modules. In addition, the RFR 1000-1 can provide full power redundancy for all mounted yellobriks.

