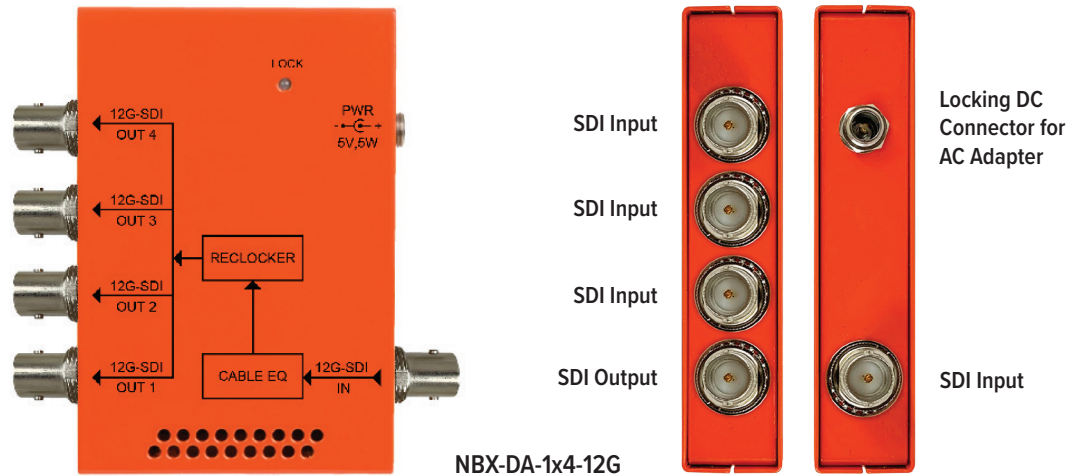


FEATURES

- ▷ Excellent Value
- ▷ Compact Size
- ▷ Rugged Steel Enclosure
- ▷ Highest of Quality Components

APPLICATIONS

- ▷ Live Broadcast
- ▷ Arenas and Stadiums
- ▷ Shared Control Rooms
- ▷ Campus Facilities



The NBX-DA-1X4-12G is a 4K/3G/HD/SD-SDI 1x4 Reclocking Distribution Amplifier designed for broadcast use. The NBX-DA-1X4-12G will provide up to 4 outputs of the incoming SDI signal on 75 Ohm BNC connectors.

Featuring the latest multi-rate 12G-SDI cable equalizing and reclocking technology the NBX-DA-1X4-12G can automatically switch between all SDI formats up to 2160p60 making the NBX-DA-1X4-12G ideal to distribute SDI signals to multiple destinations.

A dual-color LED indicator will illuminate green indicating the NBX-DA-1X4-12G is locked to a valid SDI signal at the input or it will be illuminated red indicating the NBX-DA-1X4-12G is not locked to a valid SDI signal.

The NBX-DA-1X4-12G has a rugged solid steel powder coated chassis and is powered by an external AC adapter with a locking DC connector supplied with the module.

TECHNICAL SPECIFICATIONS

Coaxial Serial Data Input/Output (1+4)

Connector	75-ohm BNC
Bit Rate	270 Mbps – 12 Gbps
Cable Auto Equalization	60m - Belden 1694A @ 12 Gbps 80m - Belden 1694A @ 3 Gbps 120m - Belden 1694A @ 1.5 Gbps 200m - Belden 1694A @ 270 Mbps
Standards	SMPTE 424M, 292M, 259M-C, 2082-1 DVB-ASI
Return Loss	< 15dB @ 5 MHz – 1.5 GHz < 10dB @ 1.5 GHz – 3.0 GHz
Level	800 mVp-p nominal
Alignment Jitter	< 0.3 UI

Mechanical, Electrical, Environmental

Length/Width/Height	4" x 2.625" x 0.825"
Approx. Weight	8oz
Voltage	5 VDC, (5 Power Supply Included, 90-240VAC)
Power	5W max
Temperature	0 – 55° C
Humidity	0 – 95% RH, non-condensing

ORDERING INFORMATION

Part #	Description
NBX-DA-1X4-12G	12G-SDI 1x4 Reclocking Distribution Amplifier. Includes Power Supply.