

1x4 SD/HD/3G SDI distribution amplifier

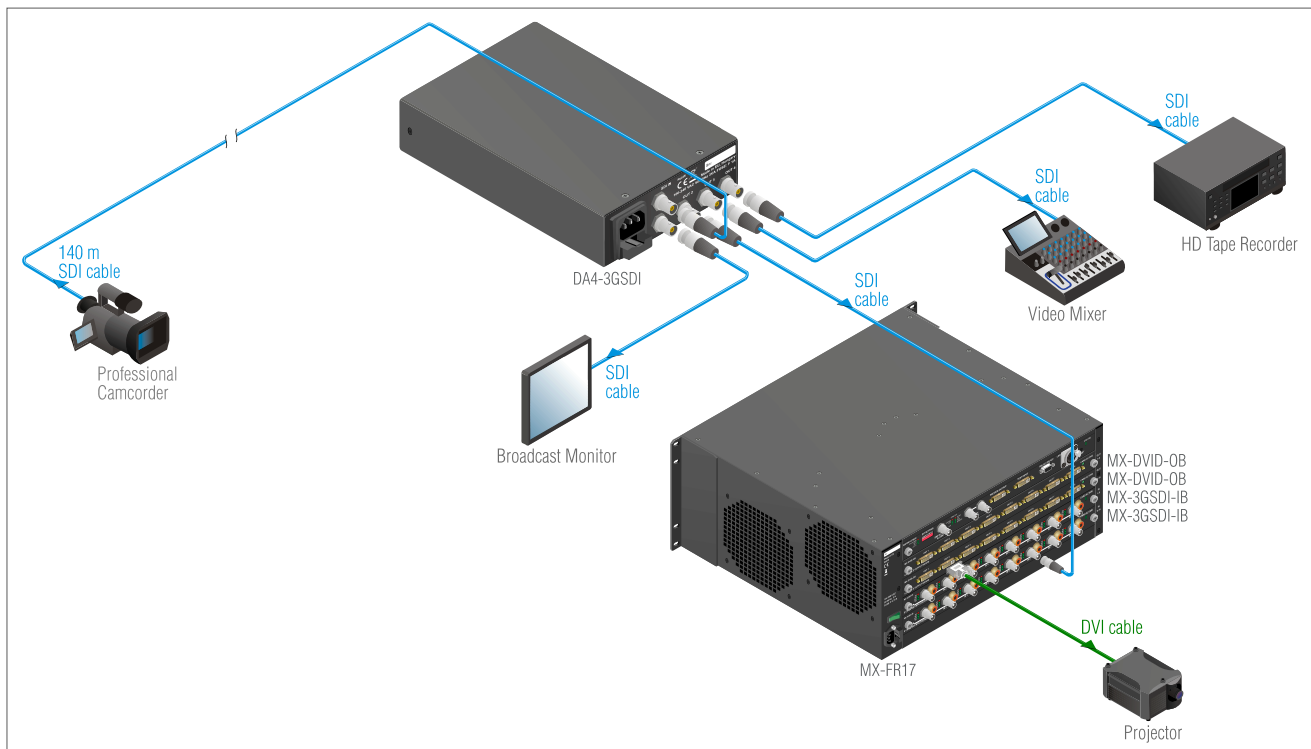
Highlight features

- 3G, HD, SD data rates
- Input cable compensation
- Robust metal housing for usage in hard environment



Lightware DA4-3GSDI is a multirate one Input four Output serial distribution amplifier. Input equalization provides compensation of 140 m (3G-SDI) cable loss, while Outputs are reclocked and independently buffered. Front panel LEDs gives a quick information about the DA status: power, data rate and PLL lock status. The unit has a built-in power supply and housed in a metal enclosure for long term reliability and hard environment operation.

Stand alone diagram



Applications

- Rental and staging
- Military and GIS
- Medical
- Scientific visualizations

Features

- 3G, HD, SD data rates
- Cable compensation:
SD-SDI – 400 m
HD-SDI – 200 m
3G-SDI – 140 m
- Internal, built-in power supply
- Metal enclosure
- Rack mountable

Specifications

Data rates:	SD (270 Mb/s); HD (1.48 Gb/s); 3G (2.97 Gb/s)
Input cable compensation:	SD max. 400 m; HD max. 200 m; 3G max. 140 m*
Power:	110 / 230 V, 3 VA
Power consumption:	1.7 W (typ) 2.1 W (max)
Dimensions:	110 W x 181 D x 42 H mm
Weight:	890 gramms
Compliance:	CE
Warranty:	3 years

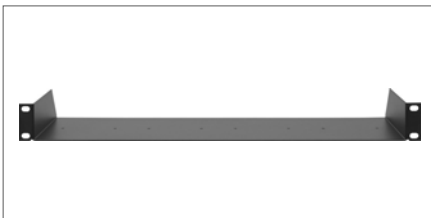
*Measured with Belden 1694A cable.

Connectors

Input:	1 x BNC*
Outputs:	4 x BNC*
Power:	IEC

*75 Ohm termination.

Optional accessories



Rack shelf

The 1U high rack shelf provides mounting holes for fastening two half-rack or four quarter-rack sized units.

Front and rear view



DA4-3GSDI front view



DA4-3GSDI rear view