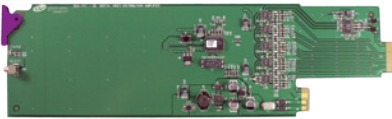
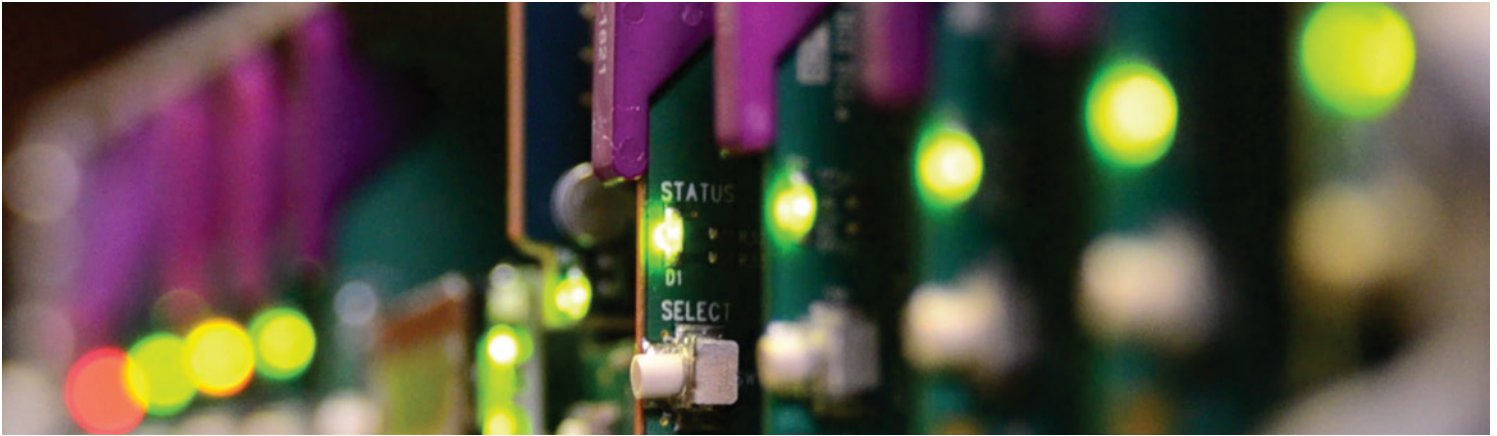


SDA-1112

Reclocked SDI/ASI Distribution Amplifier with EQ



Space-saving, modular platform for advanced signal processing.

The SDA-1112 from Grass Valley, a Belden Brand, is a relocked serial digital video distribution amplifier supporting a wide variety of compressed and uncompressed serial digital video signals.

It provides nine relocked outputs with automatic equalization for up to 375 meters (1,230 feet) of cable (Belden 1694A).

The amplifier also offers signal presence detection, remote reporting and includes reclocking — providing an additional level of signal integrity in long cable length applications.

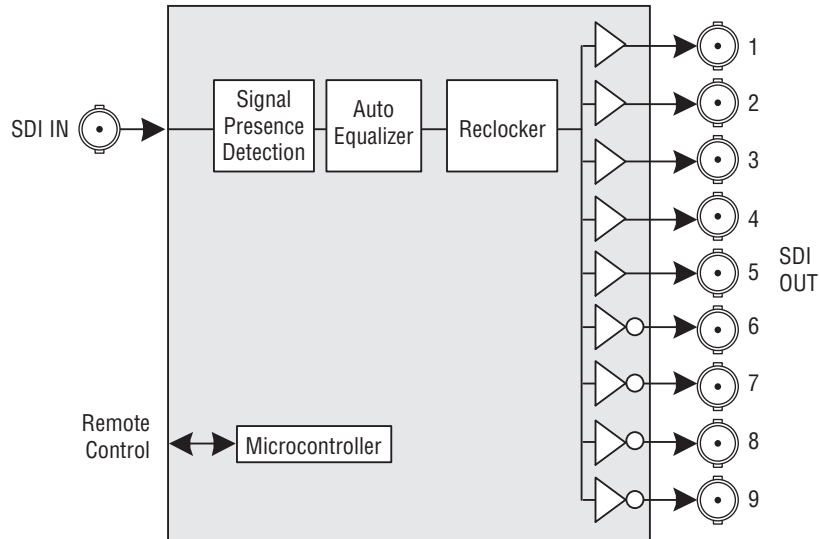
The SDA-1112 supports DVB-ASI as well as serial digital video (SMPTE ST 259).



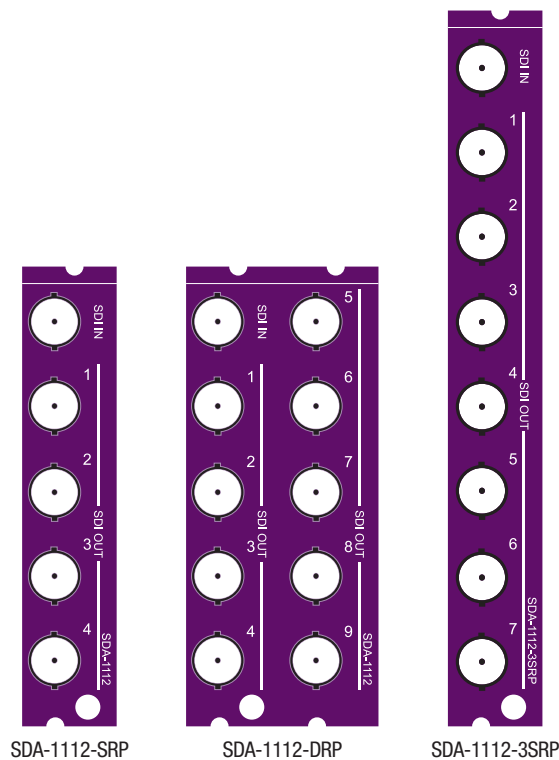
SDA-1112 Reclocked SDI/ASI Distribution Amplifier with EQ

KEY FEATURES

- SDI isolated input
- 9 reclocked SDI outputs
- Supports 525/625-line format
- DVB-ASI compatible (output 1 to 5 only)
- Bitrates up to 540 Mb/s
- 375m (1,230 ft.) automatic cable equalization
- Status LED and remote reporting



SDA-1112 Functional Block Diagram



SDA-1112 Reclocked SDI/ASI Distribution Amplifier with EQ

SPECIFICATIONS

Input

Signal:

SMPTE ST 259-ABCD (143, 177, 270 and 360 Mb/s)
SMPTE ST 344 (540 Mb/s)
EN50 083-9 DVB-ASI (270 Mb/s)

Cable length: 375m (1,230 ft.) up to 270 Mb/s for Belden 1694A

Return loss: >15 dB up to 540 MHz

Output

Signal (4/7/9):

SMPTE ST 259-ABCD (143, 177, 270 and 360 MHz)
SMPTE ST 344 (540 Mb/s)
EN50 083-9 DVB-ASI (270 Mb/s) output 1 to 5 only

Return loss: >15 dB for up to 540 Mb/s

Jitter: <0.2 UI p-p (wideband)

Processing Performance

Signal path: 10 bits

Latency: 10.5 ns

Electrical

Power:

1.5W (SRP)

2W (DRP, 3SRP)

ORDERING

Densité 2 frame

SDA-1112
SDA-1112-SRP
SDA-1112-DRP

Densité 3 frame

SDA-1112-3RU

SDA-1112-DRP-3RU
SDA-1112-3SRP

Description

Reclocked SDI/ASI DA
Single rear connector panel with 4 outputs
Double rear connector panel with 9 outputs
Single rear connector panel with 7 outputs

Remote control

iControl, iControl Solo, RCP-200



GVB-1-0406B-EN-DS

WWW.GRASSVALLEY.COM

Join the Conversation at [GrassValleyLive](#) on Facebook, Twitter, YouTube and [Grass Valley - A Belden Brand](#) on LinkedIn.



Belden, Belden Sending All The Right Signals and the Belden logo are trademarks or registered trademarks of Belden Inc. or its affiliated companies in the United States and other jurisdictions. Grass Valley, Densité and iControl are trademarks or registered trademarks of Grass Valley, Belden Inc., Grass Valley and other parties may also have trademark rights in other terms used herein.

Copyright © 2014-2016 Grass Valley Canada. All rights reserved. Specifications subject to change without notice.