

HDA-1822/1832 HD/SD/ASI DA with EQ / Reclocked

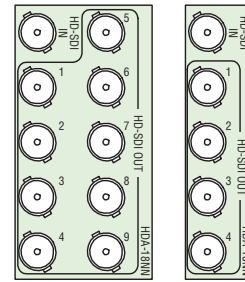


The HDA-1822 is an HD/SD/ASI DA with up to 9 outputs and automatic equalization for up to 110 meters (Belden 1694A). The HDA-1822 DA supports both HD-SDI (SMPTE-292M) and SDI (SMPTE-259M). It also offers signal presence detection and remote reporting. The card's multi-format features make it ideal for applications where HD and SD signals may co-exist. The HDA-1832 is a relocked HD/SD SDI DA with up to 9 outputs and

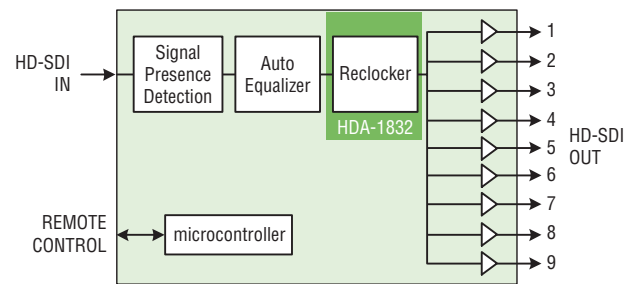
automatic equalization for up to 110 meters (Belden 1694A). Reclocking of the video signals provides an additional level of signal integrity in long cable length applications. The HDA-1832 DA supports both HD-SDI (SMPTE-292M) and SDI (SMPTE-259M) and also offers signal presence detection and remote reporting. The card's multi-format features make it ideal for applications where HD and SD signals may co-exist.

Key Features and Benefits

- ⊕ HD-SDI input
- ⊕ 9 HD-SDI outputs (reclocked for HDA-1832)
- ⊕ Supports HD-SDI (1.485, 1.485/1.001 Gbps)
- ⊕ Supports SD-SDI (143 to 540 Mbps)
- ⊕ 110 m automatic cable equalization
- ⊕ Signal presence detection with remote reporting
- ⊕ ASI support (outputs 1 to 5 only)



HDA-18NN-DRP HDA-18NN-SRP



HDA-1822 Functional Block Diagram

Technical Specifications

INPUT		RETURN LOSS:	HDA-1822 PROCESSING PERFORMANCE	HDA-1832 PROCESSING PERFORMANCE
SIGNAL:	SMPTE 292M (1.485, 1.485/1.001 Gbps) SMPTE 259M-ACD (143, 270 and 360 Mbps) SMPTE 344M (540Mbps) EN50 083-9 DVB-ASI (270 Mbps) SMPTE 310M/DVB-SSI	> 15 dB up to 1.5 GHz	SIGNAL PATH: 10 bits PROCESSING DELAY: 3 ns POWER: 1.5 W (single), 2 W (double)	SIGNAL PATH: 10 bits PROCESSING DELAY: 6 ns POWER: 2 W (single), 2.5 W (double)
CABLE LENGTH: 110 m (360') up to 1.5 Gbps for Belden 1694A		OUTPUT		
		SIGNAL(4/9): SMPTE 292M (1.485, 1.485/1.001 Gbps) SMPTE 259M-ACD (143, 270 and 360 Mbps) SMPTE 344M (540 Mbps)		
		RETURN LOSS: > 15 dB up to 1.5 GHz JITTER: < 0.2 UI p-p (wideband)		

Ordering Information

HDA-1822	HD/SD/ASI DA with EQ	Housing Frame:	Densité, Densité 2
HDA-1832	Reclocked HD/SD/ASI DA with EQ	Remote Control:	
Rear Panels:		iControl	Remote Control and Monitoring
HDA-18NN-SRP	Single Rear Connector Panel	iControl Solo	Stand-alone Remote Control Software
HDA-18NN-DRP	Double Rear Connector Panel	RCP-100	Remote Control Panel

