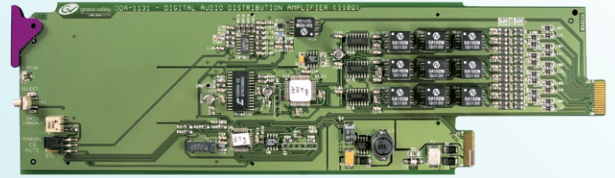


DATASHEET

DDA-1113 AES DA (75Ω)



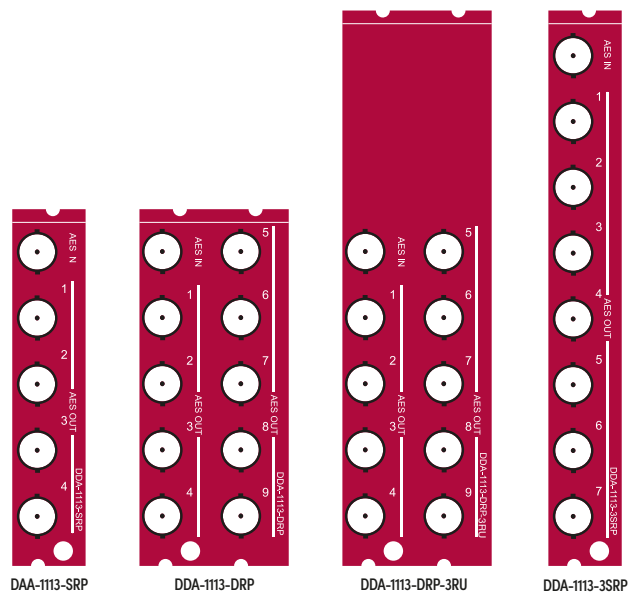
Space-saving, modular platform for advanced signal processing.

The DDA-1113 from Grass Valley® is a digital audio DA that supports AES-3id 75Ω digital audio standard and provides nine outputs.

The input features clock regeneration for reduced jitter and signal restoration. An audio input signal status is also available indicating the input signal presence and validity with remote reporting.

Key Features

- AES-3id audio unbalanced input
- Nine AES-3id audio outputs
- Remote control of carrier quality
- Signal regeneration
- Silence detect with user adjustable delay and remote reporting
- Status LED and remote reporting

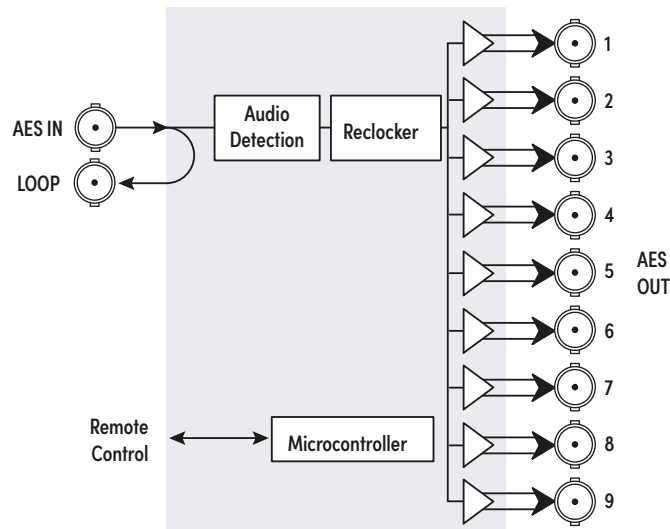


Specifications

<p>Input</p> <p>Signal: AES3-id (SMPTE ST 276)</p> <p>Level: 0.1 to 7.0 Vp-p</p> <p>Impedance: 75Ω unbalanced or Hi-Z, remotely selectable</p> <p>Equalization: 0 to 2,000m (0 to 6,560 ft.) Belden 8281</p>	<p>Output</p> <p>Signal: AES3-id (SMPTE ST 276)</p> <p>Level: 1 Vp-p nominal</p> <p>Impedance: 75Ω unbalanced</p> <p>Rise/fall time: 36/32 ns</p> <p>Jitter: <0.005 UI pp (700 Hz to 100 kHz)</p>	<p>Signal Processing</p> <p>Sampling: 28 to 100 kHz</p> <p>Processing delay: <60.7 μs at 48 kHz (<3 samples)</p> <p>Electrical</p> <p>Power:</p> <ul style="list-style-type: none"> – Using 4 outputs: <1W – Using 9 outputs: <2W
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Ordering

Densité® 2 frame	Densité 3 frame	Description
DDA-1113	DDA-1113-3RU	Digital audio DA, 75Ω
DDA-1113-SRP		Single rear connector panel with 4 outs
DDA-1113-DRP	DDA-1113-DRP-3RU	Double rear connector panel
	DDA-1113-3SRP	Single rear connector panel with 7 outs
Remote control	GV Orbit®, iControl™, iControl Solo	



DDA-1113 Functional Block Diagram

This product may be protected by one or more patents. For further information, please visit: www.grassvalley.com/patents

DS-PUB-3-0356A-EN

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