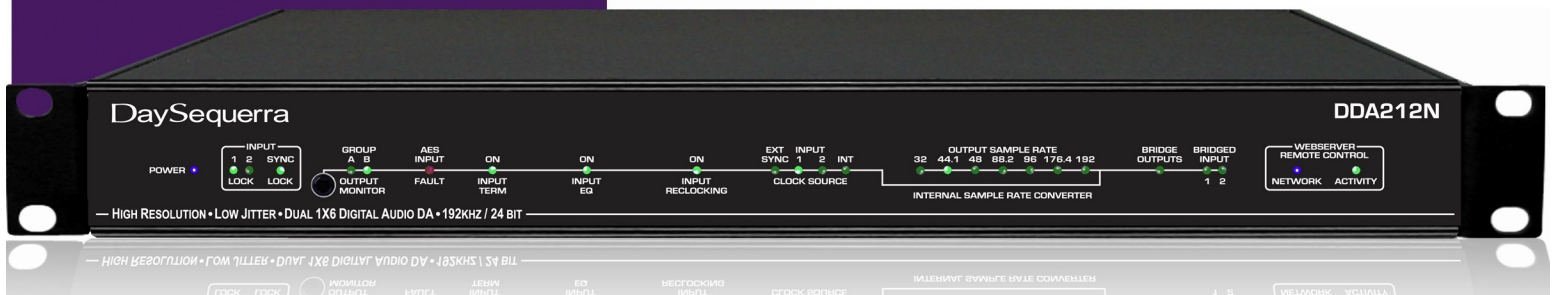


## DDA212N

Digital Audio Distribution Amplifier



### DDA212N Network-Controlled Digital Audio DA

DaySequerra's flagship digital audio DA, the DDA212N, is the world's first DDA to have a built-in webserver for remote control from anywhere on a studio's network. The DDA212N features state-of-the-art jitter < 300 picoseconds and ultra-low distortion sample rate converters covering 32 to 192KHz sample rates.

The DDA212N is a dual 1x6 digital audio DA that regenerates, isolates and distributes digital audio data formatted in accordance with specifications AES3-1992 and IEC 958. All inputs and outputs are transformer-isolated; the DDA212N is available in BNC and XLR versions. Special attention during design was paid to power, grounding and shielding: a Galvaneal™ chassis provides outstanding EMI-RFI protection and ultra-quiet SMPS.

DDA212N inputs feed AES audio from either its 1 or 2 inputs to either Group A or B outputs. Using any browser on your network, its webserver permits user selection of input termination, input EQ and re-clocking of the input as well as the desired clock source for each output group. In most cases, re-clocking should be used, as this improves the integrity of weak or distorted input signals. Re-clocking may be switched off to allow distribution of AES sync signals, Dolby E encoded AES signals, or other signals that should not be re-clocked.

Each output group has its own dedicated low-distortion sample rate converter. The output groups can be bridged, providing 12 identical outputs from either user selected input. Each output group can be monitored from the DDA212N front panel in addition to the webserver.

AES sync can be sourced from either input, an external source or using the internal low-jitter clock. The DDA212N has a low-noise internal 100-250 VAC 50/60 Hz SMPS making it perfect for installations world-wide.

- ☑ Dual Internal 32-192KHz SRCs
- ☑ Ethernet Webserver
- ☑ Transformer-isolated Outputs

# DDA212N

Digital Audio Distribution Amplifier

## DDA212N Key Features

- Built-in Webserver - Remote Dashboard for remote control on your Ethernet network. Compatible with most browsers.
- Dual 1 x 6 AES3 DA; outputs can be bridged to make 1 x 12 DA
- Sample rates – 32 to 192 kHz with 24-bit resolution
- Dedicated sample rate converters for each output group
- Ultra-low Jitter < 300 picoseconds
- User-defined clock source: inputs 1 or 2, internal or external clock
- Switchable re-clocking regenerates stable data before distribution
- Switchable input termination and input EQ
- XLR 110-ohm and BNC 75-ohm I-O versions
- Quiet, internal power supply - 100-250 VAC, 50/60Hz

**Contact [sales@daysequerra.com](mailto:sales@daysequerra.com) to schedule your demo.**

Features and specifications subject to change without notice.

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# DaySequerra

[www.daysequerra.com](http://www.daysequerra.com)