

# DDA-1112/1132

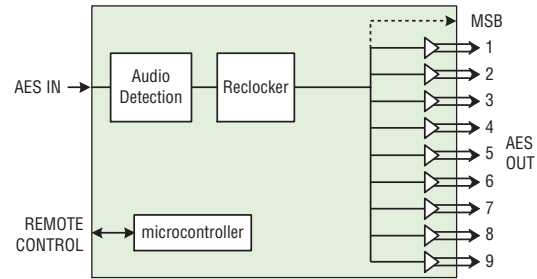
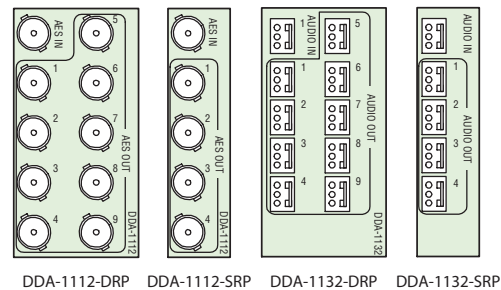
## AES DA (75 Ω/110 Ω)



The DDA-1112 is a digital audio DA that supports AES-3id 75 Ω digital audio standard and provides 9 outputs. The DDA-1132 supports AES3 digital audio. The input features clock regeneration for reduced jitter and signal restoration. An input audio signal status is also available indicating the input signal presence and validity with remote reporting.

### Key Features and Benefits

- AES-3id or AES3 audio unbalanced input
- 9 AES-3id or AES3 audio outputs
- Remote control of carrier quality
- Signal regeneration
- Silence detect with user adjustable delay and remote reporting
- Status LED and remote reporting
- Provides output to Monitoring Switching Bridge option (MSB-1121)



DDA-1112 Functional Block Diagram

### Technical Specifications

#### INPUT: DDA-1112

AES-3ID SIGNAL: AES-3id (SMPTE 276M)  
 LEVEL: 0.2 to 7.0 Vp-p  
 IMPEDANCE: 75 Ω unbalanced  
 EQUALIZATION: 1000 m (3300°)(Belden 8281)

#### INPUT: DDA-1132

AES-3ID SIGNAL: AES3  
 LEVEL: 0.2 to 7.0 Vp-p  
 IMPEDANCE: 110 Ω balanced  
 EQUALIZATION: 300 m (1000°)(Belden 8281)

#### OUTPUT: DDA-1112

AES-3ID SIGNAL: AES-3id (SMPTE 276M)  
 LEVEL: 1.0 Vp-p  
 IMPEDANCE: 75 Ω unbalanced  
 JITTER: > 0.005 UI Peak (50 Hz to 100 kHz)

#### OUTPUT: DDA-1132

AES-3ID SIGNAL: AES3  
 LEVEL: 4 Vp-p nominal  
 IMPEDANCE: 110 Ω balanced  
 JITTER: > 0.005 UI Peak (50 Hz to 100 kHz)

#### PROCESSING PERFORMANCE

SAMPLING: 28 to 100 kHz  
 PROCESSING  
 DELAY: 60 ns  
 POWER: 1.8 W (single), 2.7 W (double)

### Ordering Information

DDA-1112 Digital Audio DA (75 Ω)  
 DDA-1132 Digital Audio DA (110 Ω)

Choose one of the following rear connector panels:  
 DDA-1112-SRP Single Rear Connector Panel  
 DDA-1112-DRP Double Rear Connector Panel  
 DDA-1112/L Single Rear Connector Panel  
 DDA-1112-SRP/L Single Rear Connector Panel  
 DDA-1132-SRP Single Rear Connector Panel  
 DDA-1132-DRP Double Rear Connector Panel

Housing Frame: Densité, Densité 2  
 Remote Control: Remote Control and Monitoring  
 iControl Stand-alone Remote Control Software  
 iControl Solo Remote Control Panel  
 RCP-100

