

BALBOX Serial Audio to Analogue Audio Converter



FEATURES

- Converts one AES signal to a “stereo pair”
- User selectable 18/24dBuFS analogue levels
- Standard XLR-style audio connectors
- Integral mains power supply

The BALBOX SAAA010 converts a single AES/EBU serial audio signal into two analogue audio signals.

The SAAA010 automatically deals with 20 or 24 bit audio.

The only control provided is on the rotary switch, which allows the user to set the full-scale range between 18 and 24 dBu.

Standard XLR connectors are used for compatibility in a professional environment and differential analogue audio outputs provide optimum signals for distribution.

The unit has an integrated mains power supply (universal 90 to 250Vac range) with filtered IEC connector for safe and reliable installation.

The SAAA010 is housed in a robust steel case, and may be combined with other *BALBOX* units in a simple 1U tray.

SPECIFICATION – SAAA010

INPUT

Input Signal: AES/EBU, 20/24bit, 48kHz
Connector: XLR-style female
Impedance: 110 ohm balanced

ANALOGUE AUDIO OUTPUTS

Number of outputs: Two (one for each mono channel within the AES/EBU signal)
Output Signal: Electronically balanced
Impedance: <75ohm
Output level: 18/24dBuFS – user selectable
THD: <0.007%
Noise: <-74dBu (idle channel)
Output Connectors: XLR-style male

CONTROLS

Audio level selection: Rotary switch, positions 0-6 giving following full-scale range

0	24dBu
1	23dBu
2	22dBu
3	21dBu
4	20dBu
5	19dBu
6	18dBu

INDICATORS

Power LED: Indicates power present

INSTALLATION DATA

Package: Standard *BALBOX* housing, with two ‘XLR’ male and one ‘XLR’ female connectors
184 x 103 x 42.4mm.
Weight: 950g.
Mains supply: 90 – 250Vac
Consumption: <10VA

*Refer to BALBOX data sheet for information on 1U tray - **BOXRACK***

ORDER CODE

SAAA010
BOXRACK

DESCRIPTION

BALBOX Serial Audio (AES) to Analogue Audio Converter
Tray to hold up to 4 *BALBOX*es in 1U 19” rack.
