

BSS – AR133



With added functionality and enhanced audio performance. The unit includes phantom power and battery supplies as standard. Should the phantom power from the console fail or be accidentally switched off, the AR-133 automatically switches over to the internal 9V battery providing uninterrupted use.

The unit is housed in a rugged aluminium extrusion case, with robust polyurethane end-cheeks which give the AR-133 a very distinctive look. Input connectors are both 1/4" jack sockets and an XLR socket, the latter meaning that the AR-133 can be used to convert unbalanced signals to a balanced output on XLRs throughout.

The arched case allows cables to run back underneath the unit from the end for neat cable management. Input attenuation is 0, -20 or -40dB, making the box suitable for instrument, line or amplifier levels on inputs. On the output side, a ground-lift switch is provided for quick solutions to ground-loop problems. The AR-133 uses an enhanced version of the same audio path as the AR-116, now regarded by many people as a reference standard. The sound quality is legendary, particularly on acoustic and bass guitars.

Numerous applications can be satisfied by the AR-133. For example, as well as the traditional guitar use, the AR-133 can be used with keyboards, DJ consoles, amplifier outputs, and other electronic sources. An additional bonus is the ability to use the AR-133 as an active balancing device.

Input Section

Input Impedance

1 M Ohm (pad 0dB)

47k Ohm (pad at -20dB)

47k Ohm (pad at -40dB)

Max Input Level

+9dBu (pad at 0dB)

+29dBu (pad at -20dB)

+49dBu (pad at -40dB)

Connectors

Two Parallel 1/4" jack connectors and a parallel XLR connector (unbalanced)

Jack

Tip Hot (+ve)

Sleeve Ground

XLR

Pin 2 Hot (+ve)

Pin 1 & 3 Ground

Output Section

Output

Transformer Balanced

Max. Output Level

+8dBu into 600 Ohms or greater

Connector

XLR3-32 or equivalent

System Performance

Distortion (THD)

< 0.005% at 1kHz, 0dBu output

Noise

< -105dB unweighted, 22Hz-22kHz, rms*

Frequency Response

30Hz to 20kHz, +0dB/-1dB

Main/Standby battery

9 volt PP3 type, preferably alkaline

Current drain on

phantom - less than 7.5mA

on battery - less than 2mA

Phantom Power

+20 volts DC to +48 volts DC

General

Weight

650 gms, excluding batteries

Overall Dimensions

59 mm x 124 mm x 143 mm (2.3" x 4.9" x 5.6")



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