

Audio Balancing Units



Description

A range of units for balancing/unbalancing audio signals.
 Passive or active.
 Rack mount.
 Standard finish: Storm Grey (other colours available as an option, please ask for details).

Technical Specification

All units can be factory set for required balancing operation. Use the following suffix with the product code to order;

- F – Unit has female XLR connectors, balanced input to unbalanced output
- M – Unit has male XLR connectors, unbalanced input to balanced output
- FM – Unit has half male & half female

ABU01*

A 10 way passive audio balancing unit using Lundahi transformers (type LL 1527). Balanced connection via XLR socket and unbalanced via phono connector, with the connectors on either front or rear panels. The transformers and XLR sockets are mounted on a printed circuit board, which also has provision for lifting the balanced circuit screen if required

- THD at 50HZ: 0 to +6dB 0.1%
- +10 to +16dB 1.0%
- Input impedance: 800ohms
- Output impedance: 800ohms
- Dimensions: 483 x 44 x 125mm
- Weight: 1.75kg

Product Code	Description
ABU01*	Passive Analogue Audio Balancing Unit
ABU04*	Active Audio Balancing Unit
ABU05*	Active Analogue Audio Balancing Unit with D Types
ABU07*	Passive AES Balancing Unit

*** Please select "F" for balanced female inputs or "M" for balanced male outputs**

All Unbalanced connections are via phono sockets

As part of continual product improvement, the specifications, details and dimensions shown are subject to change without notice.

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Audio Balancing Units



ABU04*

An electronic balancing unit with a total of ten channels, which is configured to customer's requirement

Connections via XLR for balanced and isolated phono connector for unbalanced. The gain for each channel is individually adjustable from the front panel

- Input impedance Balanced (XLR3) > 10KΩ
 Unbalanced (phono) > 10KΩ
- Output impedance Balanced (XLR3) > 50Ω
 Unbalanced (phono) > 50Ω
- Harmonic distortion At 1KHz + 8dB -80dB
- Noise Better than -65dB
- Gain Balanced to Unbalanced
 0dB in/-20dB out
 Unbalanced to Balanced
 -20dB in/0dB out
- Power requirements 230V 50Hz 30VA (115V to order)
- Dimensions. 483 x 44 x 170mm • Weight: 2kg

ABU05*

- Similar to ABU-04 but balanced connections via 25 way D connectors
- Technical specification as for ABU04*
- Dimensions. 483 x 44 x 170mm • Weight: 1.8kg

ABU07*

- An AES/EBU digital balancing unit with 8 input/output and transformer coupled
- Unbalanced is 75Ω via a BNC socket and balanced is 110 Ω via an XLR3
- Dimensions: 483 x 44 x 139mm • Weight: 1.02kg

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