

For Technical Support or Sales Enquiries:

Interspace Industries Head Office:
+44 (0) 1462 600 101

Emergency Technical Support Hot Line:
+44 (0) 7976 385 046

Website:
www.interspaceind.com

ATBB¹



Unit 1F Tewin Court
Tewin Road
Welwyn Garden City
AL7 1AU

Tel: +44 (0) 1462 600 101

Email: moreinfo@interspaceind.com
www.interspaceind.com

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Cueing and Presentation Control Specialists

Introduction

ATBB¹ “Analogue Terminating Balancing Box” is a multipurpose audio interfacing tool especially designed to address the needs of professional balanced audio out to 3.5mm / mini jack in on some equipment such as cameras and vision mixers in the professional AV market.

Features include:

- Stereo to Mono Switch.
- Bandwidth 20Hz to 20KHz. Signal levels up to 5V P-P, approx. 1000 Ohm impedance output and 600 Ohm input.
- Output Pad from -2dB/ -35dB.
- Earth (Ground) lift - switchable grounding on outputs to cure induced hum or cross-talk effects.
- Passive adaptor - no external or battery power required.
- Output, fixed cable 3.5 mm mini jack.

ATBB¹—Simple Balancing and hum free connectivity

We hope that ATBB¹ exceeds your expectations and welcome any feedback that you have about this or any of our products.

Thank you.

The Interspace Industries Team
www.interspaceind.com

Operating Instructions

Take your balanced signal from your desk and connect to the XLR in. This works best with left and right but a single feed can be split to stereo. Set the switches to your particular installation by trial and requirement.

ATBB¹ is totally passive - no batteries or external power supply is required. It provides a simple means of connecting from a professional audio desk to a device that uses a 3.5mm / mini jack connector for audio.

Pad Switch

Ideal for interfacing to mic levels inputs to the incoming line level. The pad switch will attenuate the audio level between input and output by approx. 36dB via a resistive T network.

Earth Lift

Using **ATBB¹** it is possible to isolate the input device to the incoming line audio source device earth system to defeat possible hum loops.

Stereo / Mono

This allows the combining of both left and right stereo channels via an internal resistive network to protect the source device (output drivers). 600Ohm high bandwidth audio transformers provide a fully balanced output.

EU and UKCA DECLARATIONS OF CONFORMITY

We declare under our sole responsibility that the product

ATBB¹

Conform to the following standards:

EN 62368-1:2014 Audio/Video, Information ,
Communication technology equipment—Part 1: Safety Requirements
EN 55103-1:2009 (Emissions) / EN 55103-2:2009 (Immunity)



David J Humphrys, CEO
Interspace Industries
Unit 1F Tewin Court
Tewin Road
Welwyn Garden City
AL7 1AU

Date: March 2022

Environmental

WEEE and RoHS2 Compliance. ATBB¹ and its associated accessories have been manufactured and sold in accordance with the requirements of the EC WEEE and RoHS2 directives. Please return all end-of-life items to your supplier, or Interspace Industries directly, for appropriate disposal.