www.bedrock-audio.com





Bedrock® BTB115 Advanced TalkBox

Full-featured acoustic signal generator

The Bedrock BTB115 is an advanced acoustic signal generator that supports a variety of test signals, including STIPA and full STI. Designed to match a human talker in terms of directivity pattern and other characteristics, the BTB115 Advanced Talkbox removes the hassle out of creating a calibrated test setup.

What is Bedrock?

Bedrock produces innovative acoustic measuring instruments for acousticians, audio specialists, architects, consultants, engineers and basically anybody involved in (acoustic) testing and certification.

All Bedrock products are designed and manufactured in the Netherlands, by the inventors of STIPA.

Why choose the BTB115?

Whenever acoustic test signals need to be generated at the input of a system under test (such as the paging microphone of a PA system), the BTB115 can be used to simplify the process. A typical example is STIPA or Full STI testing. The TalkBox automatically generates each signal with an accurately calibrated spectrum and sound level.

The BTB115 is extremely easy to use. It features three capacitive touch displays. which allow you to control the device from either front or back. All features can be seen at a glance through the intuitive menu structure, and controlled with a single touch. If you want, you can ontrol the TalkBox remotely over WiFi or Bluetooth.

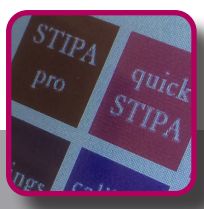
If you need a calibrated electronic output signal instead of an acoustic signal, you can use the balanced line out on the back of the device (in parallel with the loudspeaker, if you like).

Or you can choose to use the TalkBox simply as an accurately calibrated loudspeaker through its line input. The integrated laser distance meter helps you to accurately place a microphone in front of the TalkBox, indicating the precise sound level at the microphone position.

Where to buy?

Bedrock products are sold through a global network of distributors and resellers. Please refer to our website for our distributor list and up-to-date information about our products, as well as available firmware upgrades, manuals and test signals.

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Easy to use. Reliable. Affordable

Bedrock® BTB115 Advanced TalkBox

Product features

The Bedrock BTB115 Advanced TalkBox offers the following features:

- Playback of STIPA and full STI signals according to IEC-60268 rev. 5 (2020).
- Playback of noise signals (pink/white), e.g. for quick evaluation of frequency transfer functions.
- Playback of sine waves and sweeps.
- Spoken messages for announcing the beginning and end of test sessions (also to be used to obtain a subjective impression of speech quality) in 6 languages (US/UK/FR/SP/GE/DU), each in a male and a female voice.
- Playback of user-uploaded signals, calibrated on-the-fly through the powerful internal DSP.
- Full-colour 4” LCD touch screen at the back, two round 1.8” displays on the front.
- Balanced XLR line output (calibrated in dBU)
- Phantom power XLR line/ Mic input.
- Integrated class 2 laser pointer and laser distance meter (range 0.03-1.50m). SPL at the test position is calculated from the distance.
- Rubber feet on bottom and back of device allow forward-facing and upward-facing use. Standard UNC camera thread mount provided for tripod use.
- Powered and charged from 12V through an external AC adapter (included), or USB-C power adapter.
- USB-C data cable for firmware updates, remote control and user uploads.
- Wireless control via WiFi or Bluetooth.
- Internal 4800 mAh NiMH battery pack for up to 3 hours of off-grid use.

Technical specifications

Technical specifications of the BTB115 include:

- Effective frequency range 80 - 16,000 Hz
- Acoustic output level at 1 meter distance (vocal efffort) adjustable in 1 dB steps between 54 and 72 dB.
- Line output adjustable in 1 dB steps between -30 and -12 dBU.
- Noise, STIPA and Full STI signals conform to target spectra within 1 dB (measured at 1/3 octave resolution).
- User calibration of the device supported with BAMT1 measurement microphone (not included).

Pricing

Contact your local Bedrock Distributor for pricing information:

http://www.bedrock-audio.com/where-to-buy

Note: specifcations are tentative, accurate at the time of print, pending updated testing





Bedrock is a Registered Trademark of Bedrock Audio BV. For more information on Bedrock products, please refer to our websites:

www.bedrock-audio.com

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