www.bedrock-audio.com

Bedrock® AM100 class 1 instrument

Full-featured all-round acoustic measuring instrument

The Bedrock AM100 is the flagship instrument of the Bedrock line, packing an unprecedented number of features into a robust handheld device. Following Bedrock tradition, *all* modules come standard with every AM100, from speech intelligibility to building acoustics. The AM100 adds valuable new features such as an integrated signal generator and wireless connectivity via Bluetooth and WiFi. The AM100 meets the same performance specifications as its rivals but at a remarkably competitive price.The Bedrock AM100 has an elegant, robust design based on glass and aerospace grade alloy and uses Bedrock's renowned, extremely easy to use interface. ' For consultants and audio practitioners alike, the AM100 is the only device you will ever need.

Why choose Bedrock?

All Bedrock products are designed and built by acousticians and field engineers who use these products themselves, every day. We are saving ourselves time by creating tools that are easy to use and perfect for the job. As a Bedrock customer, you get precisely what we've always wanted for ourselves - plus many features previously requested by thousands of satisfied Bedrock customers since 2014.

We meet the same high standards as other top European brands, but at much friendlier prices. Also good to know: once you buy a Bedrock meter, you get *all* of our modules free of charge, including future releases and upgrades. No hidden fees. No expensive upgrades to get that one new feature you absolute need for that job. If you buy a Bedrock meter, that feature is already on it.

About the AM100

The AM100 is based on a newly developed hardware platform, that has improved specifications across the board. Its high-resolution capacitive touch display makes the device even easier to work with, while its enhanced battery life, shortened charge time and power management are improvements welcomed by many seasoned power users.

Connect wirelessly with your AM100 – across distances small or large – by making use of Bluetooth or Wifi. Connect a headset to listen in on your measurements directly, or to record voice annotations through your headset's microphone. Use the second input-channel for advanced new measurement types. Make use of the internal signal generator for STI testing or frequency transfer measurements. Use the intuitive "top-bar menus" to quickly access your settings or save a screenshot of your measurement.

Your AM100 is ready for any job – whether you are in pro audio, room acoustics, environmental acoustics, building acoustics or otherwise – the tools are all there. The AM100 is not dependent on external PC software to run complex measurements – it can all be done right on the device itself, whether you are in your lab or out in the field.

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

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Modules

The Bedrock AM100 offers the following modules:*

- SPL meter (A/C/Z, fast, slow, impulse, eq. continuous)
- Real-Time Analyzer (RTA) with 1/1, 1/3, 1/6 and 1/12 octave resolution
- Speech intelligibility (Full STI and STIPA)
- Speech Level Meter
- Reverberation time (RT60)
- Statistical acoustics (percentiles)
- LEQ logging (A/C/Z)
- RTA logging / spectrograms
- Noise Curves (NR/NC)
- Sound insulation (R'/DnT)
- SRI / STC
- FFT analysis
- Oscilloscope
- AC Volt meter
- THD+N
- Fundamental frequency
- Loudspeaker polarity
- Calibrated audio recording
- Built-in signal generator (STI, noise, sines, sweeps)

* More functionality to be added through free firmware updates.

Functional specifications

- Full-color capacitive touch 4" LCD touch screen
- 32 GB of internal storage, at least 30 GB available for storing measurement data and audio
- USB-C data port for file access, charging and remote control
- Wireless connectivity through Bluetooth 5.0 and WiFi (802.11n).
- Headset jack for monitoring and voice annotations.
- Easy calibration procedure
- Comes standard with Type 1 / Class 1 measuring microphone; works with any 48 V XLR measuring microphone.
- Approx. 5-8 hours of use on a single charge, depending on intensity of use.
- Recharging through USB-C. Works with any USB PD3 compliant charger.
- Remote control by screen cloning via USB, BT or WiFi
- Take screenshots at any time (in .PNG format)

Technical specifications

Technical specifications of the AM100 include:

- Linear range of electronics (combined ranges) >118 dB
- Self-noise < 14 dB(A)
- STI module fully compliant with IEC-60268-16 rev 4 (2011) and rev 5 (2020)
- Type 1 / Class 1 SPL measurements compliant with ANSI S1.4 and IEC-61762-1:2014.
- RTA filter specs exceed class 1 requirements (IEC-61260:2014)
- Remote control API available

Accessories

The AM100 comes bundled with the following accessories:

- Ruggedized carrying case
- Microphone
- Mic diffuser ring
- World charger
- USB-C cable
- Carrying cord
- Quickstart guide
- Calibration certificate
- USB flashdrive with test signals and manual
- Foam windscreen

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

www.bedrock-audio.com

For information on product pricing, finding local distributors or placing orders:

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