



www.bedrock-audio.com



Bedrock® BOMK00

Tailor-made weatherproof kit for sustained all-round acoustic measuring

The Bedrock BOMK00 is the ultimate outdoor noise monitoring solution in the Bedrock line, combining the full power of the AM100 with rugged, all-weather reliability. Designed for extended unattended measurements, the BOMK00 includes a weatherproof casing, the AM100, a high-capacity battery for extended off-grid measurements and the BOC01 weatherproof 1/2" microphone enclosure. The BOMK00 also features integrated wiring, a sealed power cable port, and an XLR connector for seamless microphone and battery access with the case securely closed. Built for durability and precision, the BOMK00 brings Bedrock's trusted performance to the great outdoors, without compromise.

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 BOMK00

The Bedrock BOMK00 is built for precision acoustic measurements in the toughest outdoor conditions. Housed in a rugged weatherproof case, it protects your AM100 and accessories from rain, dust, and impact, making it ideal for long-term environmental monitoring. The integrated high-capacity battery supports off-grid measurements for up to a full week, with no need for manual intervention, and all connections are accessible through sealed ports for power and XLR, keeping the case closed and secure throughout your session.

Keep the kit powered continuously with a solar panel (sold separately), or quickly swap out the battery for extended deployment. Connect wirelessly with your AM100 over Bluetooth or Wifi through the remote API, and stream live data for further processing. Back up your

measurements in the field to a USB thumb drive for added storage and redundancy.

Whether you are conducting unattended noise surveys or environmental impact assessments, the BOMK00 is ready. With no need for external PCs and no compromises on performance or usability, the BOMK00 delivers the full Bedrock experience – anywhere, anytime.

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® BOMK00 outdoor kit



Modules

The Bedrock BOMK00 offers the following modules through the AM100:*

- 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) incl. auditorium measures (C50, C80, C7, D50, Ts)
- Statistical acoustics
- LEQ logging (A/C/Z)
- RTA logging / spectrograms
- Environment/Safety logging and monitoring
- Noise Curves (NR/NC)
- Building acoustics, airborne and impact noise: SRI/STC, Dn'T/R', LnT, LnW/LnTw
- 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. 1 week of use on a single charge, depending on intensity of use.
- Easily reswappable batteries for prolonged use.
- Rechargeable through solar panels.
- Recharges through AC wall outlet in 3-4 hours.
- Recharges through 12V car port in 7-8 hours.
- 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 BOMK00 comes bundled with the following accessories:

- Weatherproof rugged outdoor case
- Internal wiring in the kit
- AM100
- Microphone
- BOC01
- 3 meter XLR extension cable
- Quickstart guide
- Calibration certificate
- USB flashdrive with test signals and manual

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:

sales@bedrock-audio.com

T: +31 88 8770700

For technical questions regarding our Bedrock product line:

support@bedrock-audio.com

T: +31 88 8770700

Bedrock Audio BV

Patrijsweg 18

2289 EX Rijswijk

The Netherlands