



www.bedrock-elite.com

PRODUCT CATALOGUE

THE ULTIMATE ACOUSTIC MEASUREMENT
TOOL FOR PROFESSIONALS



EASY TO USE. RELIABLE. AFFORDABLE.



WHY CHOOSE BEDROCK ELITE?



At Bedrock Elite, our products are designed and built by acousticians and field engineers who use these tools daily. Our mission is to save you time by creating easy-to-use, precise instruments perfect for any acoustic measurement task. As a Bedrock Elite customer, you benefit from the features we've always wanted for ourselves, plus enhancements requested by thousands of satisfied users since 2010.

KEY BENEFITS

HIGH STANDARDS, FRIENDLY PRICES

We match the quality of top European brands at more competitive prices, our meters are manufactured in the Netherlands. (COO NL).

ALL-INCLUSIVE MODULES

All our modules, including future updates, come free of charge. No hidden fees or costly upgrades.

USER-CENTRIC DESIGN

Intuitive interfaces and robust hardware ensure reliability and ease of use in any environment.

www.bedrock-elite.com



Elevate your sound analysis

PROFESSIONAL GRADE ACCURACY, DURABILITY, AND
COMPLETE MODULAR INCLUSION FOR YOUR
COMPREHENSIVE NEEDS!



B E D R O C K E L I T E

i5



i9



i10



TECHNICAL SPECIFICATION			
Linear range of electronics	>110 dB	>110 dB	>118 dB
Self noise (without microphone/preamp)	< 14 dB(A)	< 14 dB(A)	< 14 dB(A)
Self Noise (with microphone/preamp)	< 19 dB(A)	< 19 dB(A)	< 19 dB(A)
STI Module	STI module fully compliant with IEC-60268-16 rev 4 (2011) and rev 5 (2020)-	fully compliant with IEC-60268-16 rev 4 (2011) and rev 5 (2020)-	fully compliant with IEC-60268-16 rev
Type/ Class	Type 2 / Class 2 SPL measurements compliant with ANSI S1.4 and IEC- 61762-1:2014.	Type 1 / Class 1 Sound Level Measurements compliant with ANSI S1.4 and IEC- 61762-1:2014.	Type 1 / Class 1 SPL measurements compliant with ANSI S1.4 and IEC- 61762-1:2014.
FUNCTIONAL SPECIFICATION			
Screen	3.2" LCD touch screen	3.2" LCD touch screen	4" LCD touch screen
Internal Storage	4 GB	8 GB	32 GB
Accessibility	USB	USB	USB-C data port
Connectivity	USB	USB	WiFi and Bluetooth 5.0
Microphones	Type 2 / Class 2 measuring microphone;	Type 1 / Class 1 measuring microphone	Type 1 / Class 1 measuring Microphones
Operation Time	4 – 6 Hours	4 – 6 Hours	5 – 8 Hours
Remote Control	-	-	Screen cloning via USB, BT or WiFi
MODULES			
SPL METER	●	●	●
Real Time Analyzer (RTA)	●	●	●
Speech Intelligibility (Full STI and STIPA)	●	●	●
Speech Level Meter	●	●	●
Reverberation Time (RT60)	●	●	●
Statistical Acoustics	●	●	●
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)			●
ACCESORIES			
Ruggedized carrying case	●	●	●
Microphone	●	●	●
Mic diffuser ring			●
USB-C cable	●	●	●
Carrying cord	●	●	●
Quickstart guide	●	●	●
Calibration certificate	●	●	●
USB flashdrive with test signals and manual	●	●	●
Foam windscreen	●	●	●





BEDROCK ELITE i10

ADVANCED CLASS 1 ACOUSTIC MEASURING INSTRUMENT

The Bedrock Elite i10, our flagship instrument, is engineered for versatility and precision. Its new hardware platform offers superior specifications, including a high-resolution capacitive touch display, enhanced battery life, and efficient power management.

WIRELESS CONNECTIVITY



Bluetooth & WiFi

Seamlessly connect to your i10 over various distances.



Headset Compatibility

Listen to measurements and record voice annotations through your headset.

ADVANCE FEATURES

Dual Input Channels

For complex measurement types.

Internal Signal Generator

Ideal for STI testing and frequency transfer measurements.

On-Device Operation

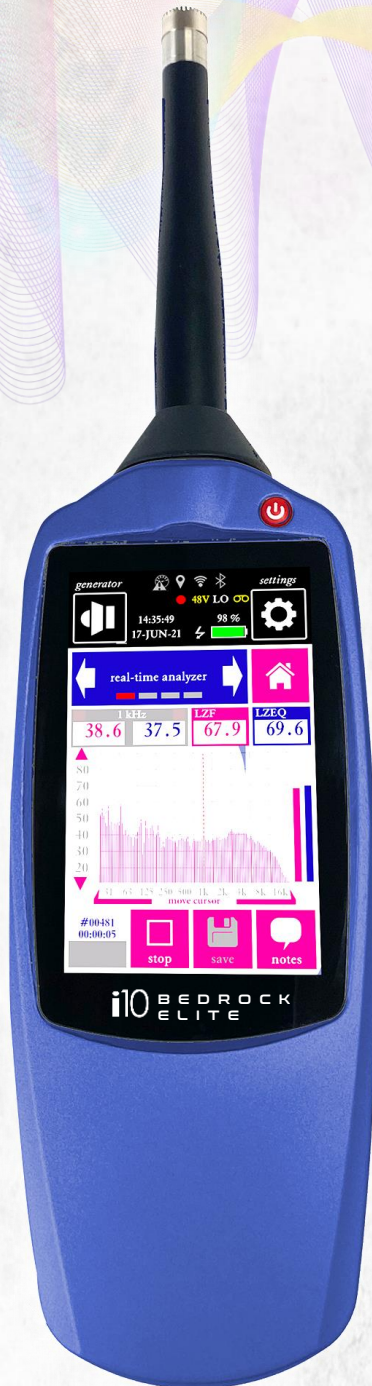
Perform complex measurements directly on the device, no PC required.

TECHNICAL SPECIFICATION

Linear range of electronics	>118 dB
Self noise (without microphone/preamp)	< 14 dB(A)
Self Noise (with microphone/preamp)	< 20 dB(A)
STI Module	fully compliant with IEC-60268-16 rev 4 (2011) and rev 5 (2020)
Type/ Class	Type 1 / Class 1 SPL measurements compliant with ANSI S1.4 and IEC- 61762-1:2014.

FUNCTIONAL SPECIFICATION

Touch Screen	4" full-colour capacitive LCD
Internal Storage	32 GB internal storage (30 GB for measurement data and audio)
Connectivity	USB-C for data transfer, charging, and remote control
Microphones Compatibility	Includes a Type 1 / Class 1 measuring microphone; works with any 48V XLR microphone
Battery Life	5 – 8 Hours per charge
Calibration	Simple, precise calibration process



BEDROCK ELITE

i9 CLASS 1 MEASURING INSTRUMENT

The Bedrock Elite i9, our flagship instrument, is engineered for versatility and precision. Its new hardware platform offers superior specifications, including a high-resolution capacitive touch display, enhanced battery life, and efficient power management.

ADVANCE FEATURES

Internal Signal Generator

Ideal for STI testing and frequency transfer measurements.

On-Device Operation

Perform complex measurements directly on the device, no PC required.

Headset Compatibility



Listen to measurements and record voice annotations through your headset.

TECHNICAL SPECIFICATION

Linear range of electronics	>110 dB
Self noise (without microphone/preamp)	< 14 dB(A)
Self Noise (with microphone/preamp)	< 20 dB(A)
STI Module	fully compliant with IEC-60268-16 rev 4 (2011) and rev 5 (2020)
Type/ Class	Type 1 / Class 1 Sound Level Measurements compliant with ANSI S1.4 and IEC- 61762-1:2014.

FUNCTIONAL SPECIFICATION

Touch Screen	3.2" full-colour capacitive LCD
Internal Storage	8 GB internal storage (7.8 GB for measurement data and audio)
Connectivity	USB-C for data transfer, charging
Microphones Compatibility	Type 1 / Class 1 Sound Level Measurements compliant with ANSI S1.4 and IEC- 61762-1:2014.
Battery Life	4 – 6 Hours per charge
Calibration	Simple, precise calibration process



BEDROCK ELITE i5 STIPA METER

The Bedrock Elite i5, our flagship instrument, is engineered for versatility and precision. Its new hardware platform offers superior specifications, including a high-resolution capacitive touch display, enhanced battery life, and efficient power management.

ADVANCE FEATURES

Internal Signal Generator

Ideal for STI testing and frequency transfer measurements.

On-Device Operation

Perform complex measurements directly on the device, no PC required.

Headset Compatibility



Listen to measurements and record voice annotations through your headset.

TECHNICAL SPECIFICATION

Linear range of electronics	>110 dB
Self noise (without microphone/preamp)	< 14 dB(A)
Self Noise (with microphone/preamp)	< 20 dB(A)
STI Module	fully compliant with IEC-60268-16 rev 4 (2011) and rev 5 (2020)
Type/ Class	Type 2 / Class 2 SPL measurements compliant with ANSI S1.4 and IEC-61762-1:2014.

FUNCTIONAL SPECIFICATION

Touch Screen	3.2" full-colour capacitive LCD
Internal Storage	4 GB internal storage (3.8 GB for measurement data and audio)
Connectivity	USB-C for data transfer, charging
Microphones Compatibility	Includes a Type2 / Class 2 measuring microphone; works with any 48 V XLR measuring microphone.
Battery Life	4 – 6 Hours per charge
Calibration	Simple, precise calibration process



COMPREHENSIVE MODULE LIST



THE BEDROCK ELITE SOUND INSTRUMENTS ARE EQUIPPED WITH AN EXTENSIVE RANGE OF MODULES, ALL INCLUDED AS STANDARD.

FOR ACOUSTIC CONSULTANTS

- **SPL Meter** (A/C/Z, fast, slow, impulse, eq. continuous)
- **Real-Time Analyzer** (1/1, 1/3, 1/6, 1/12 octave resolution)
- **FFT Analysis**
- **Speech Intelligibility** (Full STI and STIPA)
- **Reverberation Time** (RT60)
- **Statistical Acoustics** (percentiles)
- **LEQ Logging** (A/C/Z)
- **Noise Curves** (NR/NC)
- **Sound Insulation** (R'/DnT)
- **SRI / STC**
- **Calibrated Audio Recording**
- **Built-in Signal Generator** (STI, noise, sines, sweeps)

FOR PROFESSIONAL AUDIO USERS

- **Real-Time Analyzer** (1/1, 1/3, 1/6, 1/12 octave resolution)
- **Speech Level Meter**
- **FFT Analysis**
- **Oscilloscope**
- **AC Volt Meter**
- **Fundamental Frequency** (First Harmonic)
- **Loudspeaker Polarity**
- **Calibrated Audio Recording**
- **Built-in Signal Generator** (STI, noise, sines, sweeps)

FOR ELECTRO-ACOUSTICS USERS

- **Oscilloscope**
- **AC Volt Meter**
- **THD+N**
- **Fundamental Frequency**
- **FFT Analysis**
- **Loudspeaker Polarity**
- **Calibrated Audio Recording**
- **Built-in Signal Generator** (STI, noise, sines, sweeps)

ALL NECESSARY ACCESSORIES



RUGGEDIZED
WATERPROOF
CARRYING CASE



MICROPHONE



USB CABLE &
CHARGING



QUICKSTART
GUIDE



CALIBRATION
CERTIFICATE



FOAM
WINDSCREEN



BEDROCK AUDIO AM100

CLASS 1 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.





BEDROCK AUDIO SM90

CLASS 1 MEASURING INSTRUMENT

The Bedrock SM90 is a full-featured acoustic measuring instrument, fully compliant with class 1 Sound Level Meter specifications according to IEC-61672-1:2014. It comes standard with many options, such as a Real-time Analyzer module (1/1, 1/3, 1/6 and 1/12 octaves) and an STI analyzer (STIPA and Full STI). Even more modules will be added over time through free upgrades. You will easily navigate through its functions thanks to the full-colour touch screen and retrieve your stored measurement data through USB.



BEDROCK AUDIO SM50

STIPA METER

Measuring the Speech Transmission Index has never been easier - or more affordable. The Bedrock SM50 is a full-featured acoustic measuring instrument, designed from the ground up by the development team at Embedded Acoustics - the team that invented STIPA. You will easily navigate through its functions thanks to the full-colour touchscreen and retrieve your stored measurement data through USB. The device is fully compliant to all the newest standards and has several unique features to ensure that you get the most accurate and reliable results of any STI measuring device.





BEDROCK AUDIO SM30

CLASS 2 MEASURING INSTRUMENT

The Bedrock SM30, despite being our most basic model, is already packed with features and measurement modules. Moreover, its functionality is expended with the release of each new firmware update, at no charge.

BEDROCK AUDIO

BTB

65

TALKBOX



The STIPA test signal needs a source for every STIPA measurement, whether it is performed with our STIPAmeter or another device. Compact and lightweight, the Bedrock BTB65 TalkBox is dependable and accurate for any measuring task.

You can use the line-out connection on the Bedrock BTB65 Talkbox to use it as an electronic signal source. Its integrated loudspeaker also allows it to be used as a calibrated source of acoustic signals. Along with a number of other test signals, the STIPA test signal can be reliably played by the Bedrock BTB65 Talkbox. You can quickly and easily control every feature of the device and view its settings thanks to its interactive LCD touchscreen display.



BEDROCK AUDIO

BTB 115

ADVANCED
TALKBOX



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.





BEDROCK AUDIO INTELLIGIBILITY MEASUREMENT KIT

Everything you need to measure speech intelligibility using the STIPA method in accordance with the majority of national and international standards is included in this kit, including the following:

- IEC-60268-16
- ISO-7240-19
- NFPA72 Annex D
- NEN2575
- DIN-60849/DIN-VDE-0833-4
- BS-5839-8

BEDROCK AUDIO CALIBRATOR BACX

The accurate verification and necessary adjustment of the level calibration of your Bedrock acoustic measuring instruments can be done with the Bedrock BAC1 and BAC2 acoustic calibrators. We suggest using the BAC2 (which complies with class 2) for the Bedrock SM90, and the BAC1 for the Bedrock SM90 class 1 instrument. There is a calibration certificate specific to each calibrator



BEDROCK ELITE

BRESS

OUTDOOR MEASUREMENT MICROPHONE PROTECTION KIT

ALL WHEATHER MICROPHONE HOUSING

- Outdoor microphone housing
- Protection class IP 55 (dust and water)
- Easy to calibrate with a 12" standard microphone sound calibrator
- Support IEPE preamplifier BNC, TNC, LEMO, Aviation, XLR or any connectors





B E D R O C K E L I T E

BREXC SERIES

**XLR EXTENSION CABLE
5 / 10 / 25 METER**





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PURCHASE AND SUPPORT

Bedrock products are available through our global network of distributors and resellers. For the latest information on our products, firmware updates, manuals, and test signals, visit our website.



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