



## Quick start guide

This Quick Start Guide is intended to help you get started with your Bedrock Elite i10 acoustic measuring instrument as quickly as possible.

For a description of the various modules and functions of the Bedrock i10 please refer to the full manual. The full manual is included as a PDF file on the flash drive bundled with your instrument. The latest version of the manual is also available through our website:

[www.bedrock-elite.com/support](http://www.bedrock-elite.com/support)

## Further information and support

The Bedrock i10 features a wide variety of modules, some of which implement the most advanced and innovative measurement methods that are currently on the market. A description of all of these methods is far beyond the scope of this brief guide.

If you run into issues or questions when using the Bedrock i10, we recommend that you first consult the full manual. Online resources, from our website as well as third-party sources, may also be helpful towards understanding the principles behind the measuring methods implemented by the i10.

For the latest update of the manual, as well as a variety of tools and resources for use with your Bedrock i10 please go to our website:

You will also find our contact details for your support questions and warranty claims on our website. We frequently publish firmware updates, which you can press power button pressed for 10 seconds.



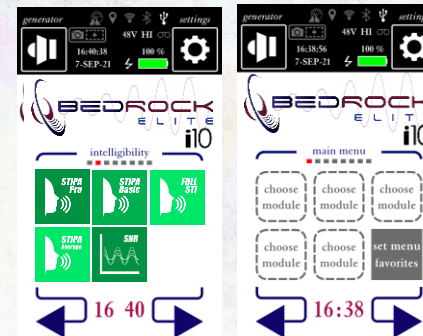
If the instrument “hangs,” becomes unresponsive or generates error messages, try keeping the red power button pressed for 10 seconds. This forces the device to power down, after which you can completely restart the device. If the problem persists, get in touch for support.

The i10 is shipped in a carrying case with the following components and accessories: The i10 analyzer, the BMT1 microphone, USB charger with international adapters (EU, UK, US, AU), USB-C cable, carrying cord (lanyard), spherical foam windscreen, rubber diffusion ring, calibration certificate, and a flashdrive containing the full manual as well as other documentation, test signals and software tools.

## Using the main menu

When you first start your Bedrock i10, you will see a brief animation after which you will end up in the main menu. To return to the main menu, from any module, simply find the “home” button (🏠) that is always on the top right of your screen.

The main menu consists of multiple screens (depending on your device type). To find the module that you need, navigate through the available screens by pressing the blue arrows at the bottom. The first screen of the menu can be filled with your own favorites; it will be empty when you first use your i10. Press “set menu favorites”



The black-and-white “top bar” displays system status information. Two buttons give access to settings shortcuts. The loudspeaker button on the left reveals the signal generator / headset menu. The gear cog button on the right drops down a menu with frequently needed system settings. These settings can be accessed from any module, at any time - although some options may be inaccessible



## Performing Measurements

The microphone supplied with the Bedrock Elite i10 is an omnidirectional microphone complying with either IEC-61672 Class 1. The Bedrock Elite i10 can also be used with other 48V phantom powered microphones, but when connecting a different microphone, always consult the full manual for guidance on the calibration card.

The exact procedure to performing measurement with the i10 depends on the specific method (and module) that you are using. The procedures for a speech intelligibility measurement (STIPA or Full STI) are different from a reverberation time measurement (RT60), which is again different from a sound level measurement. Some methods require the use of an external test signal source, such as the Bedrock BTB65 TalkBox (sold separately). Please consult the full manual for further guidance. We recommend that you adopt the following procedures during any kind of acoustic measurement:

- While measuring, point the i10 (and in particular its microphone) away from large objects, and away from your own body. It may be convenient to mount the i10 on a tripod.
- Use the supplied foam windscreen when measuring outdoors. If you intend to measure in very windy environments, consider purchasing a larger

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## Charging and using USB for data

The i10 features an internal rechargeable high-capacity battery. The battery will typically last for 6 to 8 hours of continuous use, depending on the device settings. A full recharge cycle usually takes 4-5 hours; the device automatically stops charging when full. We recommend that you always complete the full charge cycle (LED stops blinking and burns green continuously)



**Use the supplied USB charger or a USB Power Delivery 3.1 compliant charger.** USB ports on PCs and Macs can be used to power the i10, but the available current may be insufficient to simultaneously charge the battery. Use a “quick charge” USB port if available. Any USB-C cable can be used, but note that the rate of charge may depend on the quality of the cable.

The USB port is also used for data transfer between the i10 and your computer. If you connect the i10 to a computer, a dialog window will appear on the touch screen, asking you whether you want to start data transfer with the PC. If you choose to exchange data, then the i10 cannot be accessed through its display anymore. If you continue without data exchange, then the device remains operational and is powered through USB.

The i10 presents itself to computers as a “mass storage device,” similar to flash drives and external hard drives. You can retrieve data from stored measurements by simply copying them from the device. Firmware updates can also be installed, by copying update packages to the designated location on the i10 file system. Please refer to the full manual for details.

## Safety precautions

The i10 is a sophisticated measuring instrument that should be used, maintained and stored with care:

- Do not expose the i10 or any of its components to liquids or moisture
- Use the supplied carrying cord to protect it from accidentally being dropped
- Do not use in any environment or atmosphere that may contain flammable or explosive materials
- Protect against heat, high temperatures and flames
- Do not leave the device unattended for long periods of time while operating
- Do not recharge the device when it is inside a closed container. Switch off before storage



The XLR connector on top of the i10 provides 48V phantom power. Connecting equipment or microphones not designed for 48V phantom power to the i10 will result in permanent damage to this equipment and possibly to the i10 itself



The i10 is charged and powered through USB. The voltage provided to the USB connector must never exceed 5.5V, unless a USB PD3.1 compliant charger is used. Not all chargers and USB ports may supply sufficient current to adequately charge the instrument.



The supplied charger is designed for worldwide operation on any AC source (100V-240V). Use the appropriate adapter for your region. Do not use if wet, cracked or broken.

## Factory calibration and Warranty

Your i10 was thoroughly inspected and calibrated before leaving the Bedrock Elite factory. The calibration certificate is included with your instrument. As any acoustic measuring instrument, the i10 needs to be factory-recalibrated periodically. Our recommended maximum calibration interval is 2 years.

The i10 is covered through the manufacturer’s worldwide warranty programmed for 24 months from the date of purchase. This warranty programmed covers all defects, except for those resulting from accidents, misuse (including improper electrical connections) and improper maintenance. Explicitly excluded from warranty are normal wear and tear, scratches on the LCD screen, cracks from falling or dropping, damage from improper electrical connections, water damage, and damage resulting from changes to system files. Consult the manual for the complete terms and conditions of our warranty.

Please direct your warranty claims to: [warranty@bedrock-elite.com](mailto:warranty@bedrock-elite.com)

**Bedrock Elite Co., Ltd.**  
 Patrijsweg 18, 2289 EX  
 Rijswijk, The Netherlands



Contains NiMH batteries. Remove battery pack before disposing of this device.

Bedrock products are distributed globally through a network of specialized distributors and resellers. For an up-to-date list of resellers in your region, please refer to our website [www.bedrock-elite.com](http://www.bedrock-elite.com)