

Introduction

Thank you for choosing Creative iRoar, the next generation Sound Blaster® that is equipped with speaker and microphone functions for both audio playback and voice recording capabilities. The iRoar (SB1630) model design provides portability and low power consumption without compromising your audio pleasure.

Package Checklist

Your Creative iRoar package comes with the following:

- The Creative iRoar speaker
- 1.5m Micro-USB cable
- 15V 1.6A 24W AC-DC Adapter with interchangeable plugs

System Requirements

For Windows® OS

- Intel® Core™2 Duo or AMD equivalent processor, 2.8 GHz or faster recommended
- Microsoft® Windows 8.1 64-bit or 32-bit, Windows 8 64-bit or 32-bit, Windows 7 64-bit or 32-bit, Windows Vista® 64-bit or 32-bit
- 1 GB RAM
- 600 MB of free hard disk space
- Powered USB 2.0 / USB 3.0 port

For Mac® OS

- Intel® Core™2 Duo, 2.8 GHz or faster recommended
- Mac OS X® 10.6.8 or higher
- 1 GB RAM
- 600 MB of free hard disk space
- Powered USB 2.0 / USB 3.0 port

For iOS device

- iPhone® / iPad® running iOS 5.0 or higher for *Bluetooth*

For Android device

- Phone / tablet running Android 2.3 or higher for *Bluetooth*

Registering Your Product

Registering your product ensures you receive the most appropriate service and product support available. You can register your product during installation or at register.creative.com. Please note that your warranty rights are not dependent on registration.

More Help

For the latest news and products for the Sound Blaster, please visit www.soundblaster.com. The site also includes information on making purchases, technical help and the latest software updates.

Using Creative Software AutoUpdate

Locating, downloading and installing updates for your Creative products is now simpler and faster with the web-based Creative Software AutoUpdate system.

When you connect to Creative Software AutoUpdate via the Internet, the website will analyze your computer system to determine your operating system, language and which Creative products are connected to your system.

When this analysis is completed, you will then be given a list of only the most relevant software updates for your connected products. The files can then be retrieved and installed.

To learn more about the Creative Software AutoUpdate, please visit support.soundblaster.com.

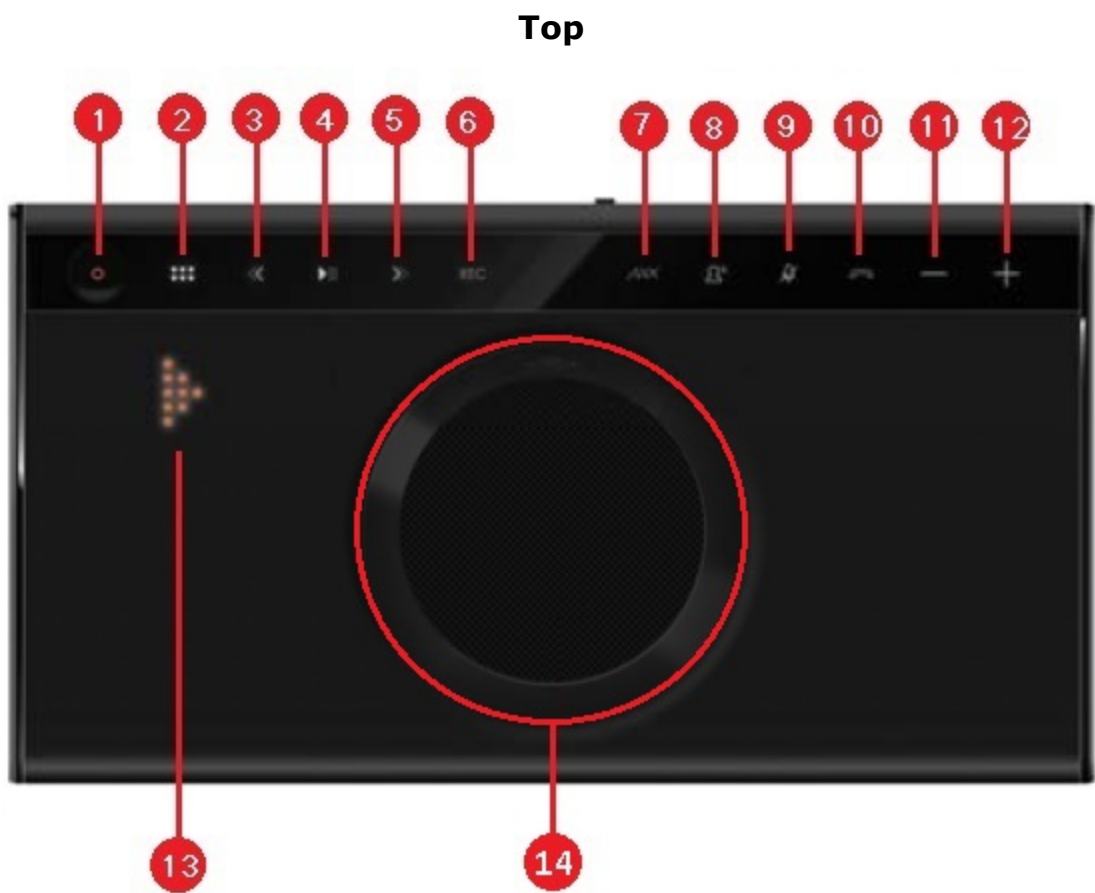
Note:

*First-time users of Creative Software AutoUpdate may be prompted to authorize the download of a browser component required for system analysis. Check to ensure that this content is signed by Creative Labs, Inc., then click the **Yes** button.*

Please ensure that all your Creative products are connected and installed on the same computer running Creative Software AutoUpdate.

Product Overview

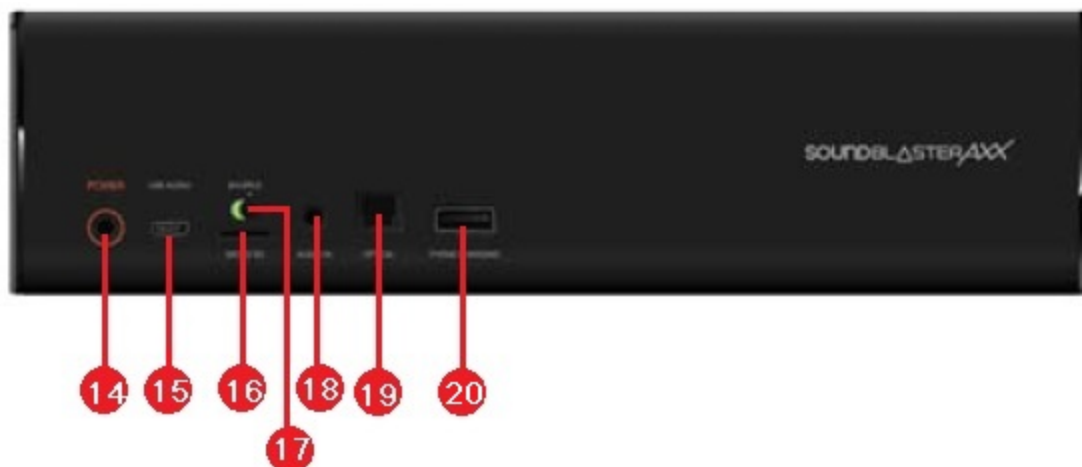
The Creative iRoar has input and output jacks to enable connection to various devices while the adaptive touch controls on the top give you basic control over your audio device.



	Control / Jack / Indicator	Description
1	Power / Bluetooth	Toggles device's power ON or OFF . ON : Press once OFF : Press again Bluetooth : Press and hold 3 seconds Recovery mode : Press 2 seconds Reset speaker : Press 10 seconds
2	Mode	Press to toggle speaker mode: - Bluetooth - SD Card - Recording - Megaphone - Voice Call

	Control / Jack / Indicator	Description
3	Rewind / Previous Track	Rewind Track Press and hold to rewind. Previous Track Press once to go to the previous track.
4	Play / Pause	Press to play or pause a track.
5	Forward / Next Track	Forward Track Press and hold to forward. Next Track Press once to go to the previous track.
6	Record	Press to start or stop voice recording.
7	ROAR	Boosts the loudness of your music.
8	Voice Focus	Activates CrystalVoice Focus.
9	Mic Mute	Indicates whether the internal microphone array is muted. A red LED indicates mute while a white LED indicates otherwise.
10	Conference / Talk	Press to answer or end calls on device. Answer call: Press once End call: Press again
11	Volume -	Press to decrease volume.
12	Volume +	Press to increase volume.
13	Dot Matrix LED	Displays speaker status.
14	NFC receptor	Tap NFC device to connect.
xx	Touch Lock	Press to lock the touchscreen controls.
xx	Booster	Up to 8 - Megaphone (when Tiger is connected) - Personal (When Boosters are added from BlasterX Dashboard)

Rear

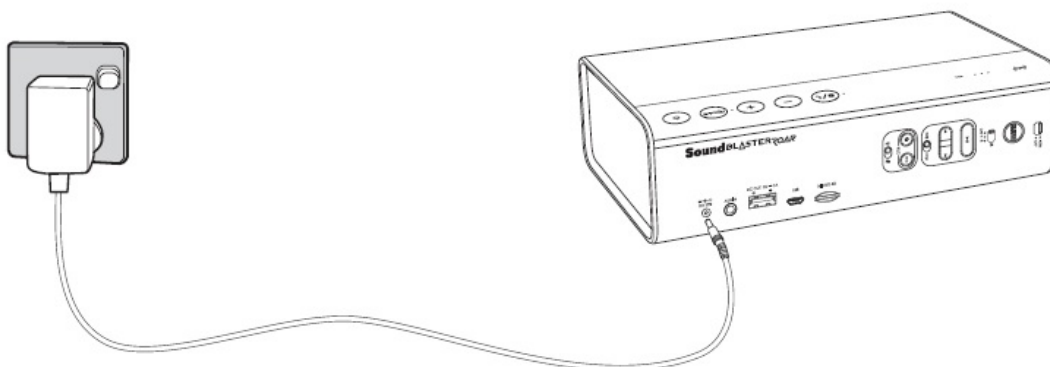


	Control / Jack / Indicator	Description
14	DC-In port	Connects to a supplied 15V 1.6A 24W AC-DC power adapter.
15	micro-USB port	Connects to the USB port of a PC/laptop for audio streaming via a Micro-USB cable.
16	MicroSD slot	The iRoar supports microSD or microSDHC cards up to 32GB. You are able to save recorded voice files and playback audio files from the microSD card.
17	Shuffle / Repeat All switch	Slide to select random play mode or repeat all tracks.
18	Aux-In jack	Connects to line-level sources (such as MP3 players) or microphones with a 3.50mm (1/8-inch) plug.
19	Optical-In jack	Connects to playback devices with optical connectors (for example, Digital Audio Tape players, MiniDisc players, DVD players or televisions with optical output).
20	USB port	For charging mobile devices.
xx	Docking Connector	8 POGO pins (for future accessory support)

Setting Up Your Audio Device

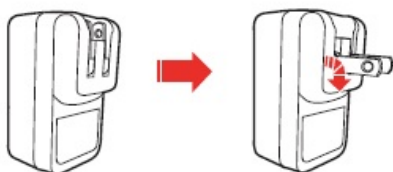
Step 1: Charge Your iRoar

iRoar comes with a built-in rechargeable battery that provides up to 16 hours of playtime when fully charged. Charge the speaker with the supplied power adapter for at least 3 hours before use. Each subsequent charge cycle takes around 2.5 hours.

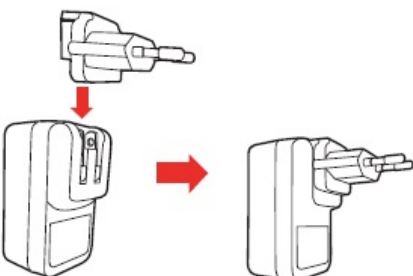


Assembling the Power Adapter

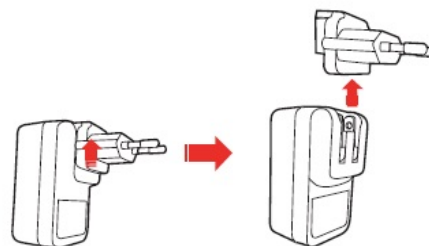
- US, Japan & Taiwan



- Europe



Removing Adapter Plug Head



Note:

Supplied interchangeable plugs may vary according to region and country.

To check battery status, press and hold the **MODE** button for 2 seconds. The battery level will then be displayed on the Dot Matrix LED.

Battery Level	100% - 70%	70% - 40%	40% - 10%	10% - 0%
Dot Matrix LED				

Note:

Lithium-ion battery life may suffer when it is constantly fully depleted or overexerted at low voltage. It is a good practice to keep the battery well charged.

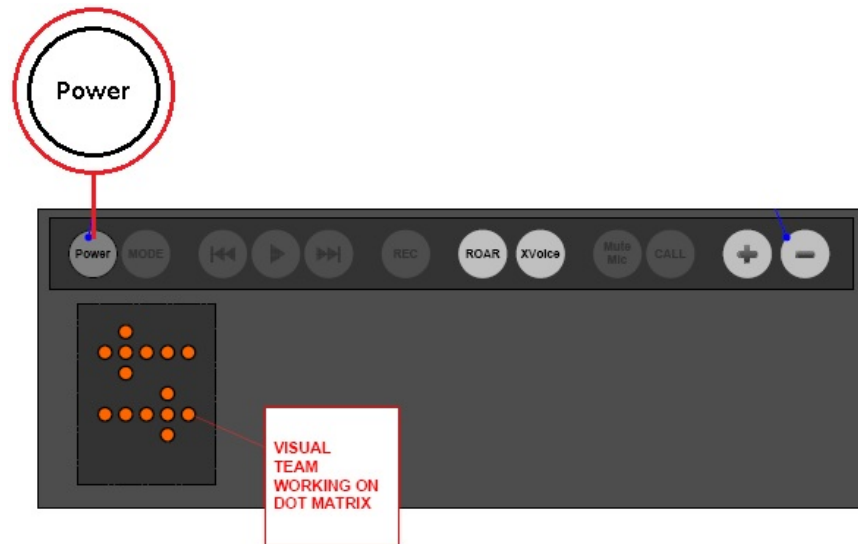


Power saving mode: The speaker automatically powers down when there is no *Bluetooth* connection, recording using microSD card, microSD card playback or audio input for more than 15 minutes.

For optimized charging: Creative recommends using the bundled USB cable for optimized charging. Ensure your speaker is powered off for optimized charging.

Step 2: Turn On iRoar

- Turn ON: Press the **Power** button.
- Turn OFF: Press the **Power** button again.



Step 3: Connecting Peripherals

One-touch NFC pairing

You may pair your NFC-enabled devices with iRoar using NFC technology. The large surface area for NFC sensing on iRoar allows you to aim freely with your NFC device.



Action	LED Status	Status
Turn ON the NFC feature on your device. Touch your device on the front panel of iRoar. If prompted "Are you sure you want to pair the <i>Bluetooth</i> device?", tap "Yes".	<i>Bluetooth</i> mode	Device paired automatically. Ready to stream music.

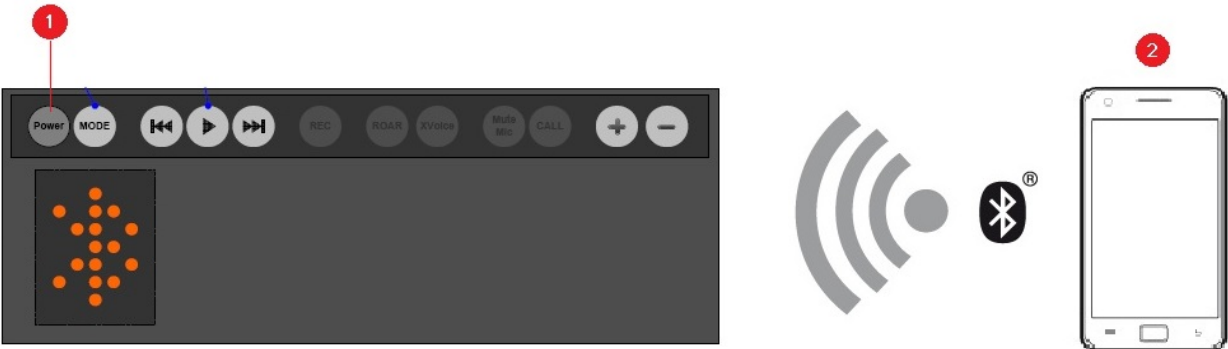
Note:

Be sure that your phone is NFC-enabled and find out where the NFC sensor is located on your phone. For more information, refer to the User Guide of your phone.

To disconnect, tap your device with the iRoar again.

Manual *Bluetooth* pairing

To enjoy your favorite music from your *Bluetooth* devices, simply follow these steps to connect them.



	Action	LED Status	Status
1	Press and hold the Power / Bluetooth button for 2 seconds.	<i>Bluetooth</i> mode (blinking)	Pairing mode. Ready to be paired with new device.
2	Turn ON the <i>Bluetooth</i> feature on your device. Search and select "Creative iRoar".	<i>Bluetooth</i> mode	Ready to stream music.

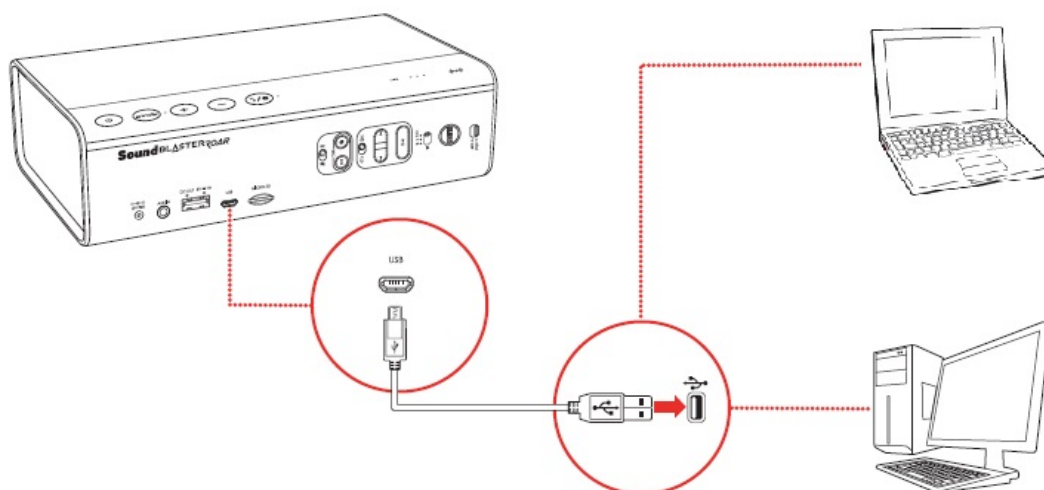
Note:

Bluetooth pairing between these devices may vary depending upon the model type. Consult your device's manual on how to pair.

The iRoar supports dual connections, which means you can connect it to two Bluetooth devices at the same time. If you wish to connect it with a third device, you should disconnect the existing two devices first before connecting it to the other device.

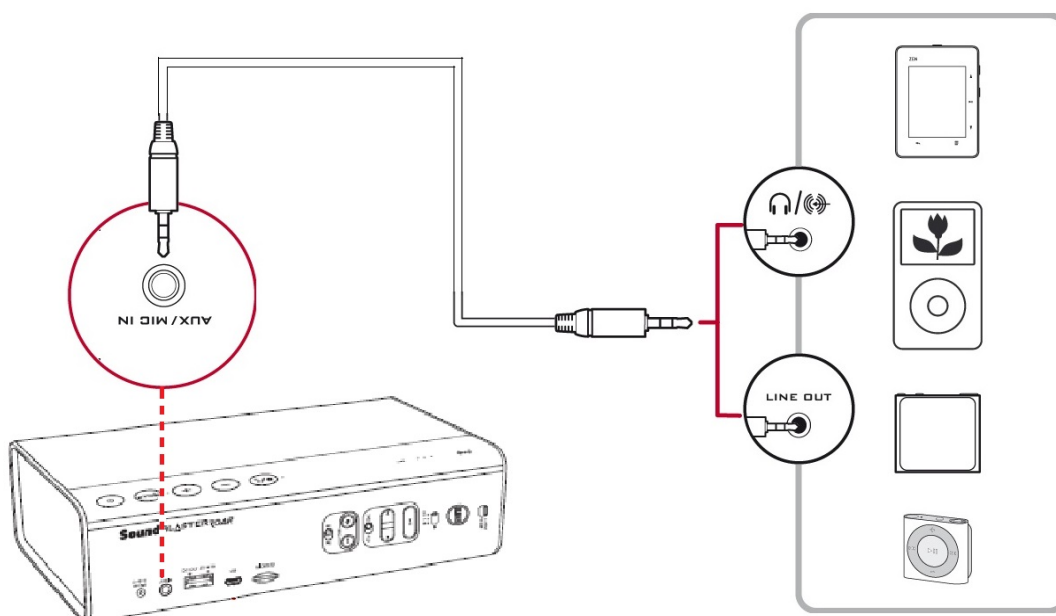
USB Connection

Connect your iRoar to a computer using the Micro-USB cable provided.



Analog Connection

The iRoar also lets you connect devices using the 4-pole analog cable (not included).



Using Your Audio Device

Your iRoar works seamlessly with many external devices to perform different tasks:

- Playing music
- Recording audio
- Answering and ending calls
- Charging mobile devices
- Amplifying voices*
- Building home stereo systems**

Note:

Once connected, the microphone functions of your device are transferred to the iRoar.

**Connect Tiger (available separately) to iRoar via Bluetooth.*

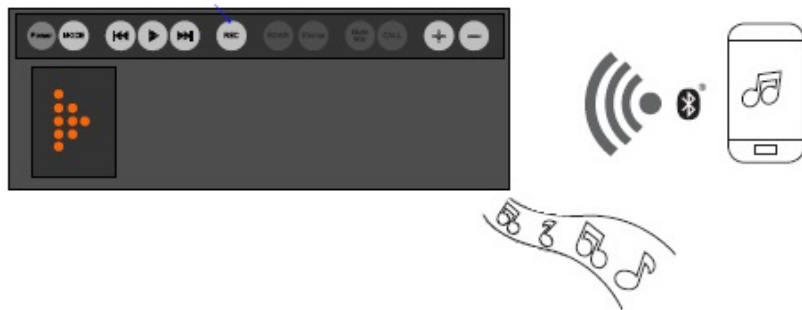
***Link two iRoars together using the MegaStereo cable (available separately).*

Playing Music

Playing music from a **Bluetooth** device

To stream audio from your mobile device wirelessly,

1. Connect your smart device via one-touch NFC pairing or manual *Bluetooth* pairing.
2. The speaker enters **Bluetooth Playback mode**.
3. Play your music from your smart device!



To adjust speaker volume,

- Increase volume: Press **Volume +** button
- Decrease volume: Press **Volume -** button

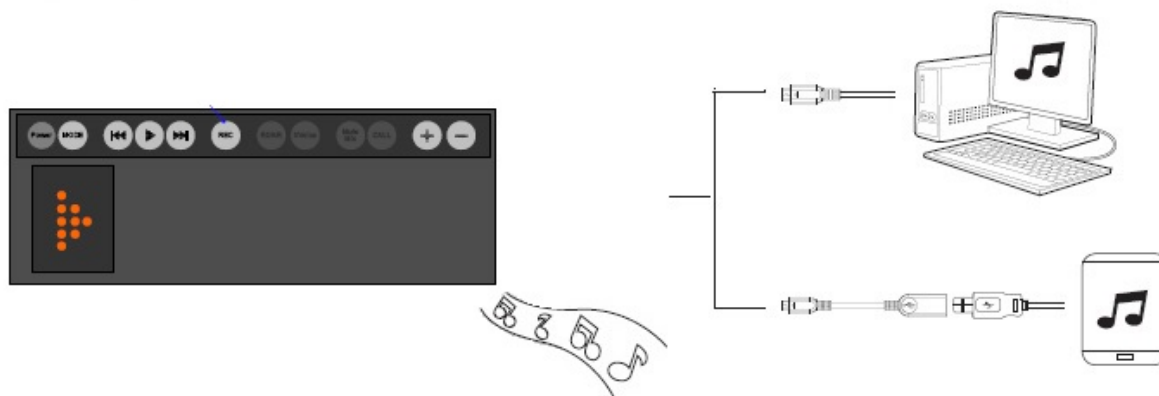
To mute/unmute speaker,

- Mute speaker: Press and hold **Volume -** button
- Unmute speaker: Press **Volume -** or **Volume +** button

Playing music from a computer (USB audio)

You can choose to hear audio from your computer through the speaker when it is connected via a USB cable. iRoar uses asynchronous USB which provides jitter management for ultra precise audio.

1. Connect the speaker to your computer via the USB cable.
2. The speaker enters **Playback mode**.
3. Play your music on your computer!



- If no audio is heard:

For Windows

Click volume control and select Creative iRoar as your output device.

For Mac

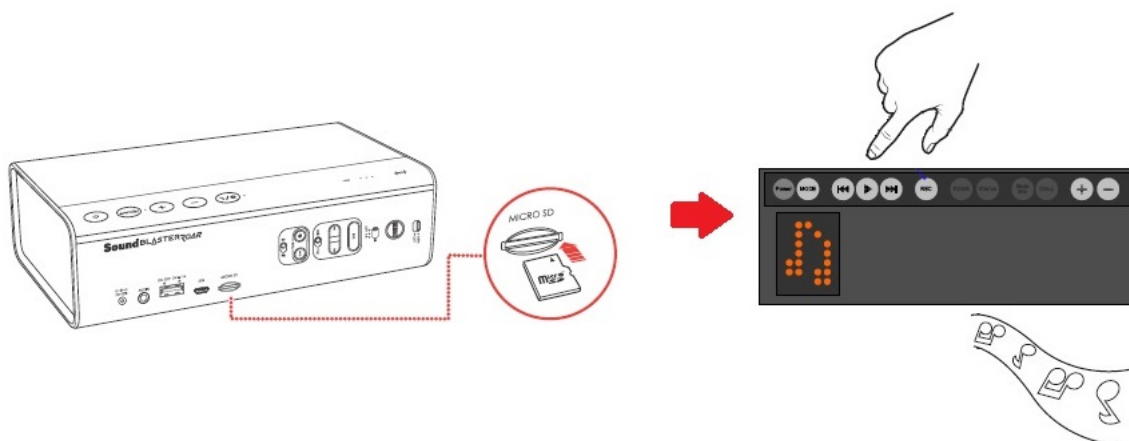
1. Go to **System Preferences** and click **Sound**.
2. Click the **Output** tab and select **Creative iRoar**.

- USB audio will disconnect if Play / Pause button is pressed during USB audio mode.

Playing music from a microSD card*

You can play MP3, M4A and WAV format audio from a microSD card.

1. While the speaker is powered ON, insert a microSD card into the speaker.
2. The speaker enters **SD Card Playback mode**.
3. Play your music via controls on the speaker.



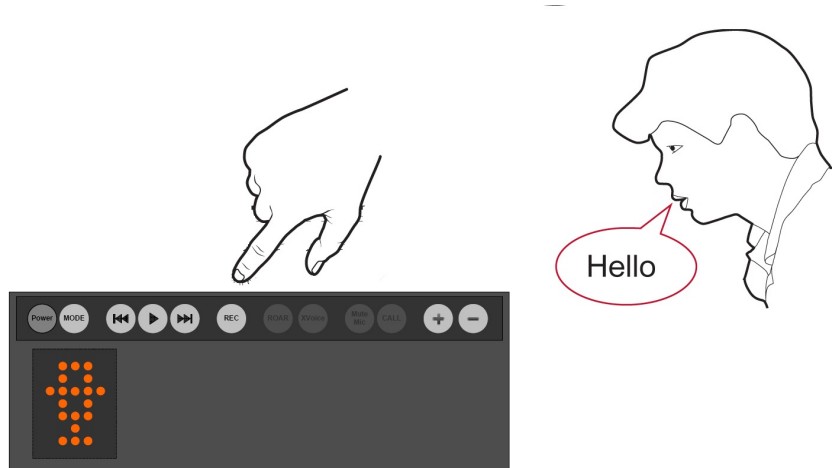
Action	Step
Play / Pause MP3 Audio	Press Play / Pause button.
Previous / Next Track	Press Previous / Next button once while music is playing.
Previous / Next Folder	Press and hold or double tap Previous / Next button while music is playing. OR Press Previous / Next when playback is stopped.
Shuffle / Repeat All Tracks	Slide the switch to Shuffle to play tracks in random order. Slide the switch to Repeat All to repeat all tracks in continuous order.

Note:

* Feature only works when a microSD card with MP3, M4A or WAV audio files is inserted into the speaker. Supports up to 32GB microSD card. All microSD and microSDHC cards are supported for audio playback. For recording, we recommend that you use Class 4 or higher.

Recording Audio

You can record audio from the speaker or using the built-in microphones. When the speaker is powered on, insert a microSD card into the microSD slot.



Recording audio from the microphone

1. Ensure the **Mic Mute** button is turned OFF and press the **Record** button to record.
2. Press **Record** button to stop anytime.



The Tiger (available separately) is a *Bluetooth* microphone designed to work seamlessly with your iRoar to provide you with enhanced megaphone features when connected. You can use it to record your voice, amplify your voice or even to sing along to your favorite songs.

Recording audio from Aux-in and *Bluetooth* source

1. Ensure the **Mic Mute** button is turned ON and press the **Record** button to record.
2. Press **Record** button to stop anytime.

Playback recorded tracks

Simply press the **Play/Pause** button and use the **Next** or **Previous** button to navigate between recorded tracks.



To record audio,

- Start/stop recording: Press **REC** button
- Pause/resume recording: Press **Play** button
- Toggle between Voice FX options: Press **Next** or **Previous** button

To playback recording,

- Play/pause recording: Press **Play/Pause** button
- Skip recording: Press **Next** or **Previous** button

*Start recording after you hear a “beep”. The pulsing Recording dot matrix LED indicates that recording is ongoing.

Note:

Recording from microphone also records the audio coming out from Bluetooth and Aux-in audio sources.

Audio recording is saved in WAV format in the VOICE folder.

For recording, a Class 4 microSD/SDHC card is recommended.

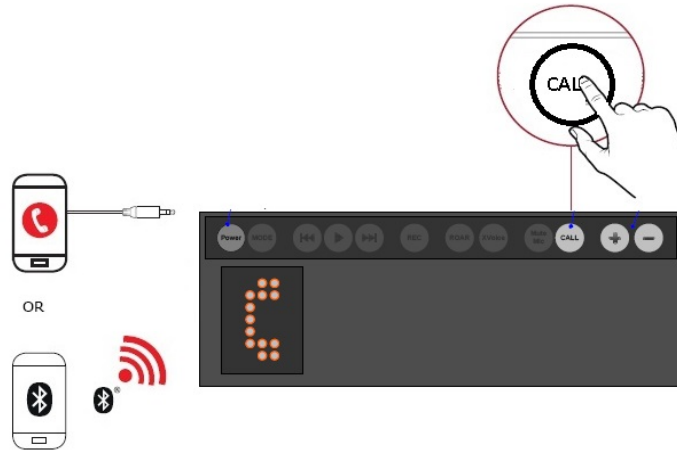
It is a good practice to use a new microSD card for recording.

Simultaneous MP3 audio playback using microSD card and audio recording is not supported.

Answering and Ending Calls

When there's an incoming call, the call takes precedence over audio playback – playback stops and the caller's phone number will be heard.

Press the **Call** button once to answer the call. Press again to end a call. The music will resume after the call has ended.



When there's an incoming voice call,

- Accept call: Press **CALL** button
- Reject call: Press **Power** button
- Mute/unmute ringer: Press **Volume +** or **Volume -** button

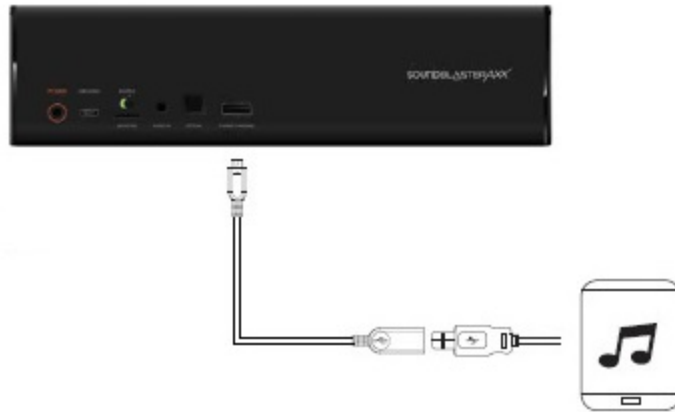
In an active voice call,

- End call: Press **CALL** or **Power** button
- Turn off/on internal mic: Press **Mic Mute** button
- Toggle between Voice FX options: Press **Previous** or **Next** button

Charging Mobile Devices

The dual-purpose battery powers your iRoar and also charges your mobile device. Its **Hyper Charging** feature charges your device two times faster than a standard USB port on a computer.

Simply connect a USB cable to the iRoar's USB DC Out and the other end to your mobile device.

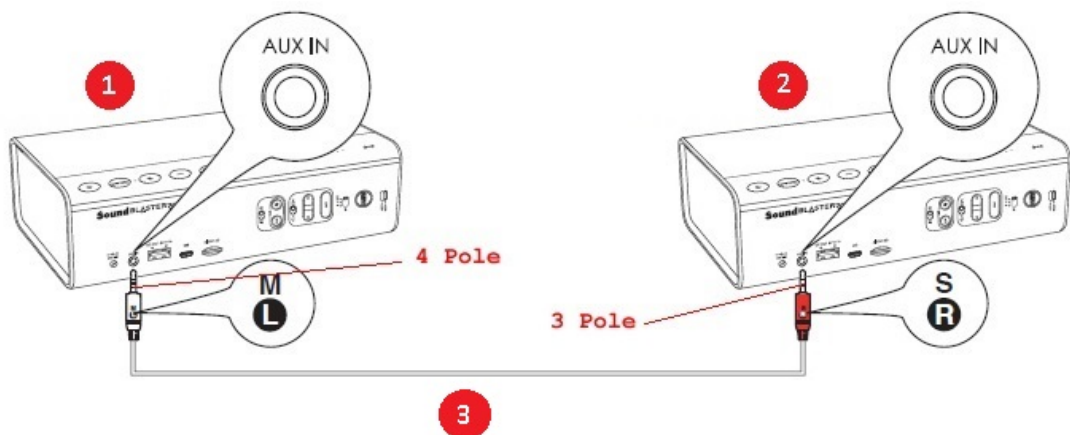


Optimize your charging

- The speaker will charge your mobile devices even when the speaker is off.
- When turned on, some mobile devices require a higher charging rate than battery banks can typically provide. For the quickest charging time, turn off your mobile device before charging it.

Building Home Stereo Systems

The MegaStereo cable* allows you to link two Creative iRoars together, to create individual left and right channels to achieve a wider sound stage. In this setup, one speaker acts as a left (Master) channel and the other Roar speaker acts as a right (Slave) channel.



- 1 - Master (Left)
- 2 - Slave (Right)
- 3 - MegaStereo cable
(available separately)

1. Ensure that both speakers are powered off.
2. Connect the MegaStereo cable accordingly to the diagram above.
3. Turn on the speaker labelled **Master (Left)** first, then turn on the speaker labelled **Slave (Right)**.
4. Adjust the volume on the **Slave (Right)** speaker to maximum.
You will hear a beeping sound which indicates that you have reached the maximum volume.
5. Play music from your *Bluetooth*, MicroSD card or USB audio only from the **Master (Left)** speaker.
6. Adjust the volume only from your *Bluetooth* device or on the **Master (Left)** speaker.



For optimum sound performance,

- Connect both speakers to their power adapters.
- Enable the TeraBass of the master speaker only.

Power Off Sequence:

With both units powered ON, power OFF the Slave (Right) speaker then the Master (Left) speaker.

Note:

**The MegaStereo cable is available separately at Creative Stores.*

The MegaStereo feature is only available for audio playback from Bluetooth devices, MicroSD card, and USB audio via PC/Mac. Aux-in for both speakers are disabled when the MegaStereo cable is connected.

The instructions above are safety measures for protecting the speaker systems from sudden electrical surges and diminishing battery life.

Installing and Uninstalling Software

To take full advantage of your Creative iRoar, you need to install the application. At times, you may also need to uninstall some or all of the applications to correct problems, change configurations, or upgrade outdated application. To learn how to do so in all supported Windows and Mac operating systems, consult the following sections:

- Installing Application
- Uninstalling Application

Installing Application

Ensure that your audio device is connected before proceeding. For instructions on connecting your audio device, consult your Quick Start leaflet.

After you have connected your audio device, turn on your computer. Windows automatically detects your audio device.

For Windows OS

1. Using a standard web browser, visit support.creative.com.
2. Locate **Creative iRoar** and the software package for your Windows operating system.
3. Download this package into your local hard disk.
4. Locate and launch the software package.
5. Follow the on-screen instructions to complete the installation.
6. When prompted, restart your computer.
7. Launch the application by locating and clicking **BlasterX Dashboard**.

For Mac OS

1. Using a standard web browser, visit support.creative.com.
2. Locate **Creative iRoar** and the software package for your Mac OS.
3. Download this package into your local hard disk.
4. Double-click the downloaded file to uncompress it.
5. Double-click the uncompressed DMG file.
6. Double-click the **Install** icon and follow the subsequent on-screen instructions to complete the installation.
7. Launch the **BlasterX Dashboard** from the **Applications > Creative** folder.

Note:

Depending on your operating system, model and software version, the user interface or color theme may differ.

Uninstalling Application

In the event that an uninstallation is required (such as for upgrades), please follow the following procedure.

Before you begin, close all running audio applications. Applications that are still running during uninstallation will not be removed.

For Windows OS

1. From the **Control Panel**, click **Uninstall a program**.
2. Select your audio device's entry.
3. Click the **Uninstall** button or option.
If the **User Account Control** dialog box appears, click the **Continue** button.
4. Click the **Yes** button.
5. When prompted, restart your computer.

For Mac OS

1. Click **Applications > Creative > Creative Uninstaller**.
2. Select the Creative product to be uninstalled.
3. Click the **Uninstall** button.
4. Follow the on-screen instructions.

Installing the Mobile App

BlasterX Control (for iOS and Android) - TBC

Creative iRoar comes with an amazing app, BlasterX Control, that supports both iOS and Android OS, so you can customize your audio – you now have total control right from the palm of your hand. Download BlasterX Control from the Apple App Store or Google Play Store.



Using the Creative Software Suite

A specialized software for the BlasterX Dashboard is developed to provide additional enhancements to the audio and voice inputs and outputs of the product. The software bundle supports a range of operating systems including:

- Windows 8, Windows 7, Windows Vista, Windows XP
- Mac

To take full advantage of your iRoar, we recommend downloading and installing this software into your computer. The following applications are included in the software bundle:

For Windows OS,

- BlasterX Dashboard
- Creative Software AutoUpdate
- Creative System Information
- Product Registration
- Creative ALchemy
- Host OpenAL
- Creative Driver

You can also download the following bonus applications from www.creative.com/support:

- Creative WaveStudio
- Creative Media Toolbox

For Mac OS,

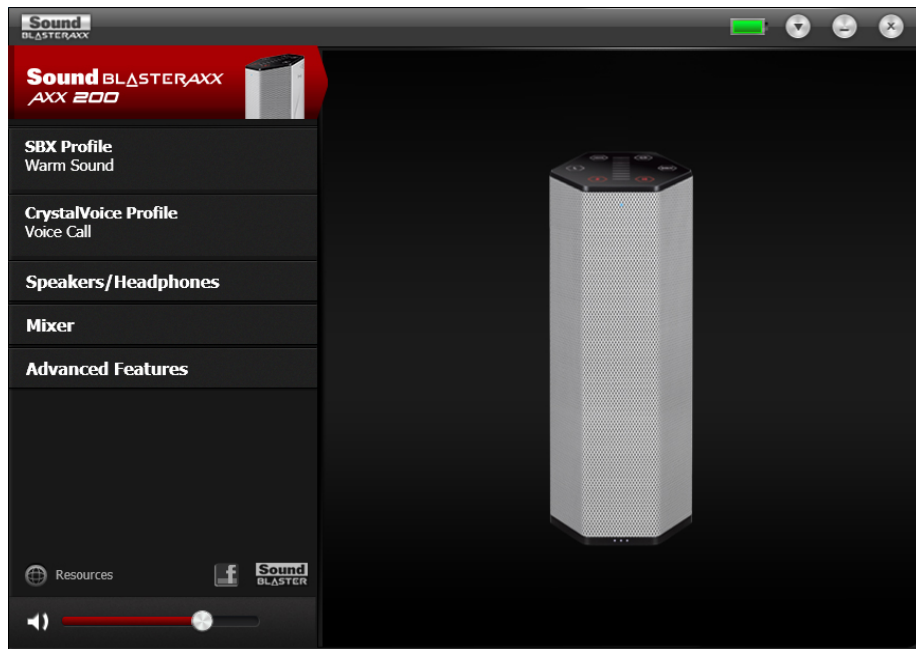
- BlasterX Dashboard
- Product Registration
- Creative Uninstaller

Note:

Some applications are available only for certain operating systems. To learn more about each application, please consult its respective Online Help.

BlasterX Dashboard

The rest of this chapter explains how to use the BlasterX Dashboard to view and adjust the various features of your iRoar. The examples and screenshots below uses Windows as an example. The UI for other operating systems may differ slightly.



Managing Your Profiles

The BlasterX Dashboard comes equipped with a set of pre-configured profiles to suit your different needs including:

- Music
- Movies
- Gaming



To activate a profile,

1. Click the **SBX Profile** menu on the left to view the **SBX Profile** screen.
2. Select your desired profile from the screen.

To modify and save changes to the active profile,

1. Click the **Edit** button to modify the profile you have selected.
2. Navigate through the various other menu options of the BlasterX Dashboard and modify the configurations as desired.

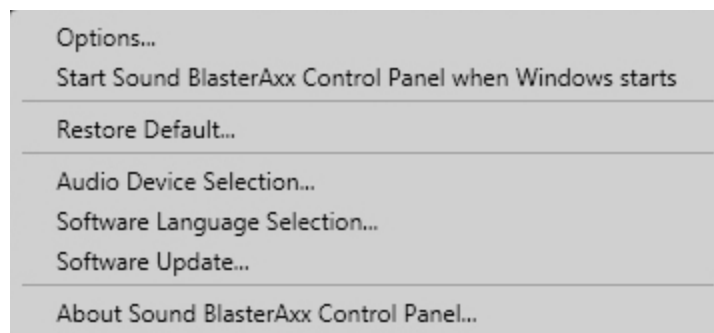
Adjusting Speaker Volume Via Software

A master volume slider is available at the bottom left corner of the interface. Drag the slider to adjust the master volume. You can also mute / unmute the speaker by clicking the speaker icon to the left of the slider.



Configuring Your General Settings

You can change the language settings or restore settings to their default values. Click  from the top right corner of the interface and select the option from the list.



The battery icon  indicates the battery status of the iRoar.

SBX Pro Studio Settings

To configure SBX Pro Studio, go to the **SBX Profile** screen, select a profile and click **Edit** to enter the **SBX Pro Studio** screen. By default, the SBX effect is turned on. You may adjust the effects on this screen.



1. Click the power button to toggle ON SBX Pro Studio.
2. Select the type(s) of enhancements to apply and drag the sliders to adjust the level for each enhancement.
3. Click  to test the audio output, if necessary.
4. Click **Save** to save the adjusted settings or **Reset** to restore default settings.

Note:

You can also toggle SBX Pro Studio ON via the physical touchscreen of the iRoar. Enhancement adjustments can only be made via the software.

SBX Pro Studio includes a number of enhancements for movies and gaming, elevating your movie and gaming experience to the next level. These include:

- **SBX Surround** - designed to work best when you connect a pair of headphones to the iRoar, this technology provides immersion control to enhance the natural sense of audio depth and spaciousness by creating virtual surround sound channels. Stereo content or multichannel content will sound as if its coming from all sides while voices remain centered in front and original balance and timbre is preserved.
- **SBX Crystalizer** - restores the natural dynamic range that is lost when music files (iTunes and MP3) gets compressed. This makes the music sound as good as the artist originally intended, and adds an enhanced level of realism for movies and games.
- **SBX Bass** - fills in the missing low frequency tones and gives the extra impact for a better entertainment experience. Consumers no longer have to tolerate a lack of bass in speakers as the SBX Pro Studio Bass technology dramatically improves the sound experience even in the absence of a subwoofer.

- **SBX Smart Volume** - addresses the problem of abrupt volume level changes during playback and between songs by continuously measuring volume automatically, applying gain and attenuation intelligently to compensate for any changes.
- **SBX Dialog Plus** - enhances the voices in movies for clearer dialog, allowing the listener to hear the dialog over the rest of the soundtrack and over ambient noise in the listening environment.

Equalizer Settings

To configure Equalizer settings, select a profile from the **SBX Profile** screen. Click **Edit** and then click **Equalizer**.



To adjust and apply an equalizer preset,

1. Check the **EQ** checkbox to enable the use of the equalizer.
2. From the drop down menu, select the preset to use.
3. Adjust the vertical slider bars to achieve your desired level.
4. Click **Save** to save the changes to the active preset or to a new preset.

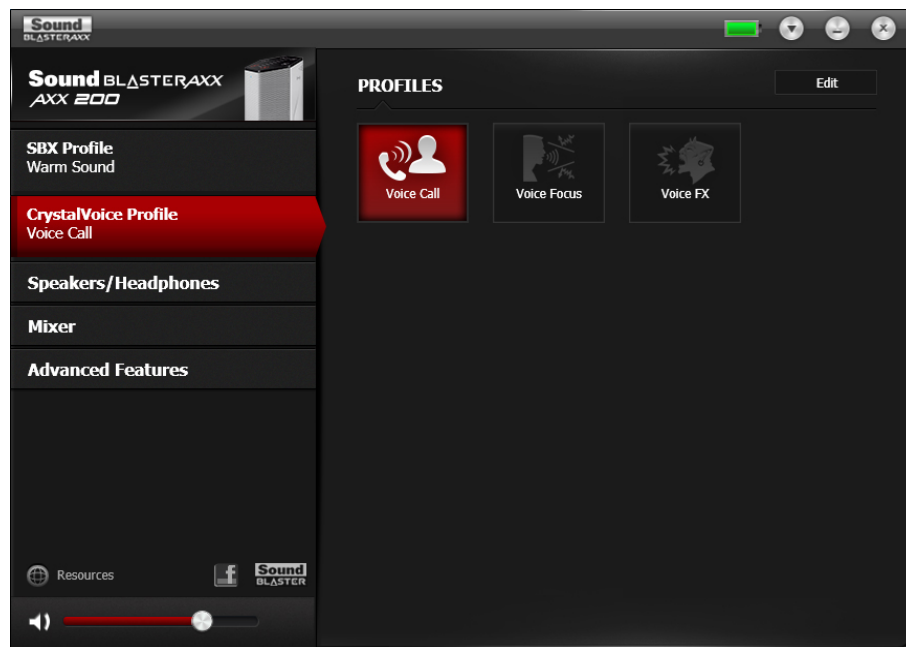
You can also delete any user created equalizer presets by selecting the preset from the drop down menu and clicking **Delete**.

Note:

All default equalizer presets cannot be deleted.

CrystalVoice Settings

The iRoar is equipped with high-quality microphones, allowing you to easily carry out video/audio conferencing using popular VoIP applications such as Ventrilo[®] etc. CrystalVoice enhancements help to further this experience by enhancing the clarity of such communications.



To configure CrystalVoice settings, click the **CrystalVoice** menu option on the left. Select a CrystalVoice profile and click **Edit**.



1. Select the iRoar as your recording device, adjusting the microphone volume using the slider.
2. Select the desired enhancements to turn on and adjust the settings according to your needs.
3. Click **Test** and speak into your iRoar to hear your voice recorded based on the configured settings. Readjust if necessary.

CrystalVoice enhancements helps you hear and be heard clearly by all participants of the conference, doing away with noisy background distortions and unclear communication that disrupts your online gaming and chatting experience. The various enhancements available include:

CrystalVoice Acoustic Echo Cancellation - eliminates echoes and enables the speaker to listen to the other parties clearly. Echoes are a common problem present in voice communication systems that disrupts conversations by making it difficult to hear the other party.

CrystalVoice Noise Reduction - enables the speaker to be heard clearly over background noise by constantly monitoring the environment and reducing unwanted noise that interferes with the conversation.

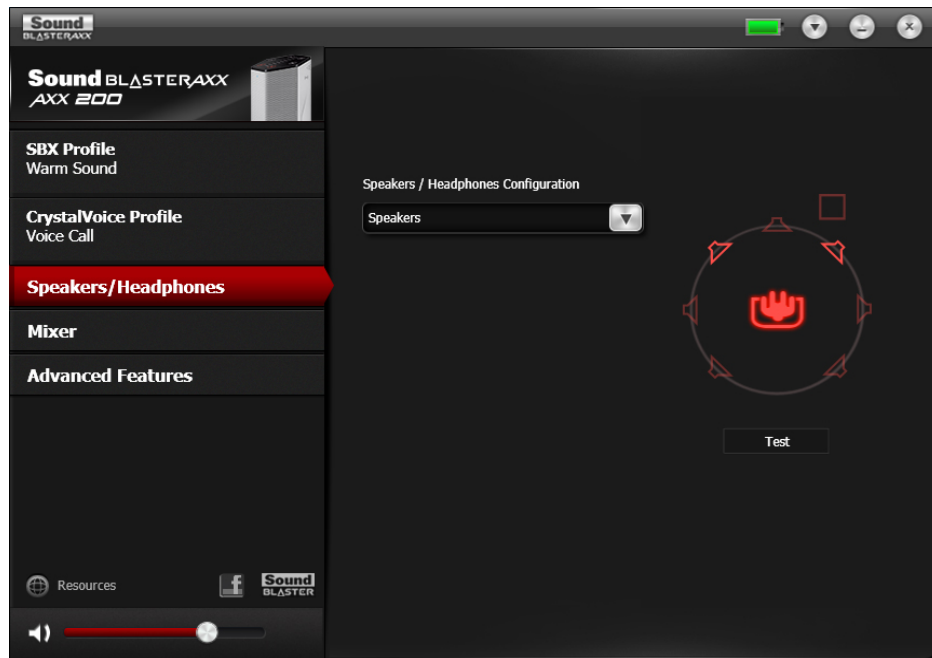
CrystalVoice Smart Volume - automatically adjusts the loudness of a voice to maintain a consistent volume level. This makes it convenient for the speaker to converse normally, regardless of his distance from the microphone.

CrystalVoice FX - enables the alteration of voice with a variety of effects which can be used to enhance the tone of a voice, create interesting accents or even allow someone to sound like a completely different person. There are 17 different characters available in the BlasterX Dashboard!

CrystalVoice Focus - creates a zone and suppresses noise outside it to enable the speaker within to be heard with amazing clarity. Multiple microphones are used to focus, enhance the speaker's voice, and reduce sounds outside the zone.

Speakers / Headphones Settings

Each iRoar is equipped with a headphone jack, allowing you to connect your favorite headphones to the iRoar for audio output. Connecting headphones to the iRoar automatically mutes the speaker. From the software, you can check whether audio is played via speakers or headphones.



1. View the current settings for the speakers / headphones.
2. Click **Test** to hear a sample audio clip played back based on the settings.

Mixer Settings

A mixer is also available via the software, allowing you to adjust the volume levels of individual outputs and channels including the microphone, speakers, etc. Simply click the **Mixer** option on the menu and adjust the volumes using the sliders.



Advanced Features

The software also provides other advanced features including:

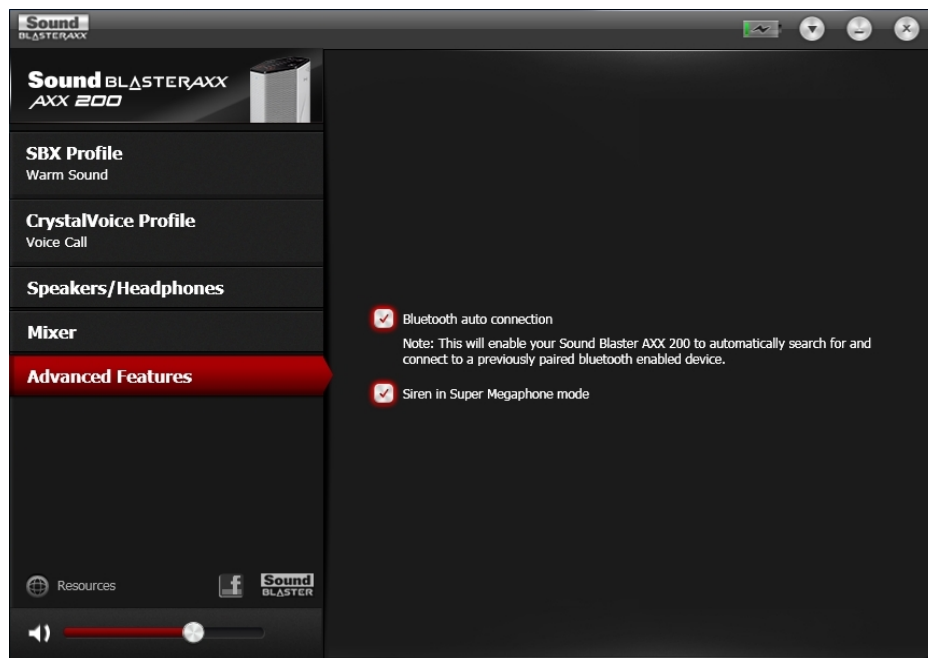
- *Bluetooth* Auto Connection
- Setting the Siren to Default On / Off

Bluetooth Auto Connection

The "*Bluetooth* Auto Connection" feature allows a paired *Bluetooth* device to be connected to the iRoar automatically. When the feature is enabled, the iRoar detects and reconnects to the previously paired *Bluetooth* device when it is turned on.

Setting the Siren to Default On / Off

The "Siren in Super Megaphone mode" allows you to enable or disable the siren on your iRoar. When the feature is enabled, turn on Super Megaphone, and you can easily activate the Siren simply by tapping on the **Siren ON/OFF** button (i.e. **Noise Reduction** button) twice.



Follow the steps below to enable or disable these advanced features.

- i. Connect your iRoar to your computer installed with the BlasterX Dashboard.
- ii. Select your desired feature by checking or unchecking the checkbox.
- iii. Disconnect your iRoar from the computer.

Voice Recording Settings

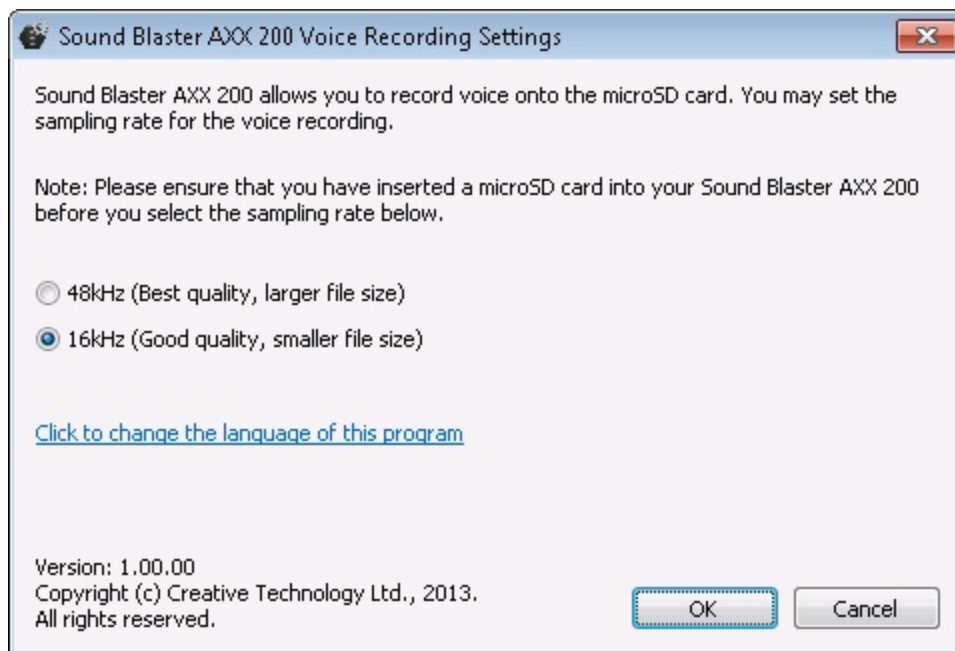
The **Creative iRoar Voice Recording Settings** is an application that provides you the option to set the sampling rate of your iRoar to enhance your music and voice recordings.

The default sampling rate at 16kHz is designed to record longer voice recording sessions (e.g. meetings, conference calls, etc.) and to avoid large file sizes. You can switch it to 48kHz, which is ideal for shorter, higher quality Karaoke music recording.

This utility is available for download on the www.creative.com/support site. Install and launch the **Creative iRoar Voice Recording Settings**.

Note:

Ensure that the iRoar is connected to the computer with a microSD card inserted into it.



1. Select your desired music / voice recording sampling rate.
 - **48kHz** - recommended for music recordings for better quality audio
 - **16kHz** - recommended for voice recordings (e.g. meetings, conference calls, etc.)
2. Click **OK** to save the new sampling rate.

General Specifications

Controls and Indicators

- Mode button
- Booster button
- Rewind / Previous Track button
- Play / Pause button
- Forward / Next Track button
- Voice Recording button
- ROAR button
- Voice Focus button
- Conference / Talk button
- Mic Mute button
- Volume + button
- Volume - button
- Dot Matrix LED
- Touch Lock button
- Power / *Bluetooth* button
- Shuffle / Repeat All switch

Inputs

- DC-In port
- micro-USB port
- MicroSD slot
- Aux-in jack
- Optical-In jack
- USB port
- Docking Connector
- Built-in Microphones

Physical Specifications

- Dimensions (L x W x H) : 225 x 120 x 57 mm
- Weight: 1.1 kg

Technical Specifications

Bluetooth Version: *Bluetooth* 2.1 + EDR (Enhanced Data Rate)

Bluetooth Profiles:

- A2DP (Wireless Stereo *Bluetooth*)
- AVRCP (*Bluetooth* Remote Control)
- HFP (Hands-Free Profile)

Bluetooth Operating Frequency: 2402 - 2480 MHz

Bluetooth Operating Range: Up to 10 meters / 33 feet

(Measured in open space. Walls and structures may affect range of device.)

Audio Codec: AAC, SBC, aptX®

Operating Temperature range: 0°C to 45°C
(0°C to 40°C when powered by external power adapter)

Lithium Ion Battery: 9000 mAh

USB Power Adapter: 15V 1.6A 24W AC-DC Adapter

- Input: AC 100-240 V 50/60 Hz, 0.3 A
- Output: DC 5 V, 2.1 A
- Connector: USB standard Type A female connector

Note:

Compliance markings are located on the bottom of this product. Remove rubber cover to see the compliance markings.

The serial number for your Creative iRoar is located on the bottom of this product. Please write the serial number down and keep it in a secure place.

Troubleshooting and Support

Perform the following troubleshooting steps before sending it for servicing.
For more information, refer to **www.creative.com/support**.

1. The Creative iRoar cannot be powered on. What should I do?

- Ensure that there is enough battery power on the speaker and there should be at least one lit LED on the battery indication LED.
- Connect to a power source using the supplied power adapter or the supplied USB cable (from a computer or laptop USB port) and try to power it on again.
- The internal battery may be empty. Connect to the supplied power adapter or the supplied USB cable and charge it for about 1 hour before attempting to power it ON again.

2. There's no *Bluetooth* link between my device and the iRoar. What should I do?

- Ensure that your *Bluetooth* enabled device supports A2DP profile. Refer to its user's manual on how to enable (turn on) the *Bluetooth* functions and its capabilities.

You may also try the following:

- Delete the iRoar name entry from your *Bluetooth* device paired memory list and perform the steps in Connect it (One-touch NFC pairing or Manual *Bluetooth* pairing) to re-pair your device with iRoar .
- Ensure that both your *Bluetooth* device and iRoar are not connected to any other devices.
- On some *Bluetooth* device, you may need to select iRoar as your default output device after pairing is complete**.

3. I am unable to pair to my *Bluetooth* NFC-enabled device

- Ensure that NFC is turned on for your device. For information on how to turn on NFC, please consult the documentation found on your NFC-enabled device.
- Ensure that both your NFC-enabled device is not connected to any other *Bluetooth* devices and that the iRoar is not connected to two *Bluetooth* devices and try again.

Note:

The Creative iRoar can connect to a maximum of 2 stereo *Bluetooth* devices at any given time and will reject the 3rd device connecting via NFC or *Bluetooth* until one *Bluetooth* device is disconnected.

- If you are encountering NFC pairing issues with only one *Bluetooth* device connected, please pause the music before attempting to tap another NFC device to connect.
- Update your NFC-enabled *Bluetooth* device firmware and try the above 2 steps again.

4. *Bluetooth* link is established either by NFC or Manual pairing between the devices but there's no music. What should I do?

If the device you have paired is the 2nd device connected to the speaker, with the 1st device currently streaming music, you would need to stop playing music on the 1st device to allow music streaming on the 2nd device.

** With some built-in *Bluetooth* enabled computers, 3rd party USB *Bluetooth* dongles or other devices, you may be required to manually specify/set-up the audio output as iRoar . (For example, under sound and audio devices section on your computer's settings) Please consult your manufacturer's documentation for further information.

5. How do I disable Voice Prompt? (TBC)

Launch the BlasterX Control mobile app. Under "Voice and Tone", tap "Off" to disable all audio prompt or "Tone" to disable voice prompt. A prompt is heard indicating voice prompt is disabled.

6. How do I enable Voice Prompt?

On a speaker with disabled voice prompt, ensure that it is powered ON. Press both Volume “+” and Multifunction Button at the same time. A prompt is heard indicating voice prompt is enabled.

7. Why is my speaker unable to power off automatically after 15 mins of inactivity?

Ensure that there are no *Bluetooth* devices connected to the speaker and that the Aux-in does not have a music / noise signal on it. Please also ensure that the speaker is also not in the following modes:

- Audio playback from microSD card
- Recording onto microSD card

Please note that power is supplied through the connected USB cable via DC out (USB output) whenever a device is attached to the speaker even when the speaker is OFF.

8. Why do I hear beep tones when I disable voice prompts?

The beep tones are meant to be indicators for the following items:

1 beep tone	Feature activated indicator
2 beep tone	Feature confirmation indicator
3 beep tone	Error indicator

Additional Support

If you encounter any other issues or have any other enquiries about your iRoar or any other Creative products, please visit our comprehensive knowledge base at support.creative.com or www.soundblaster.com for additional information.

Safety Information

Refer to the following information to use your product safely, and to reduce the chance of electric shock, short-circuiting, damage, fire, hearing impairment or other hazards. Improper handling may void the warranty for your product. For more information, read the warranty available with your product.

- Do not dismantle or attempt to repair your product.
Refer all servicing to authorized repair agents.
- Do not expose your product to temperatures outside the range of 0°C to 45°C (32°F to 113°F).
- Do not pierce, crush or set fire to your product.
- Keep your product away from strong magnetic objects.
- Do not subject your product to excessive force or impact.
- Do not expose your product to water or moisture.
If your product is moisture-resistant, take care not to immerse your product in water or expose it to rain.
- Use a mains plug that is appropriate for your country or region.
- To be completely disconnected from the power input, the mains plug has to be disconnected / detached from the mains.
- Disconnect the mains plug when the device is expected to be unused for several days.
- Place the product near a socket outlet, which is easily accessible.

Bluetooth Product

- The short wave radio frequency signals of a *Bluetooth* device may impair the operation of other electronic and medical devices.
- Switch off the device where it is prohibited. Do not use the device in medical facilities, aircraft, refueling points, close to automatic doors, automatic fire alarms or other automatically controlled devices.
- Keep this device at least 20 cm from pacemakers and other medical devices. Radio waves may impair the operation of pacemakers and other medical devices.

Embedded Battery

- Do not attempt to remove the embedded battery.
The product must be disposed of according to local environmental regulations. To replace the battery, return your product to your regional support office. For product service information, go to www.creative.com.
- Do not expose to excessive heat such as sunlight, fire or the like.
CAUTION: Risk of explosion if battery is replaced by incorrect types.

Regulatory Information

The following sections contains notices for various countries.

Caution:

This product is intended for use with FCC/CE certified computer equipment. Please check the equipment operating/installation manual and/or the equipment manufacturer to verify/confirm if your equipment is suitable prior to the installation or use of the product.

Notice for the USA

Federal Communication Commission (FCC) Interference Statement

FCC PART 15: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

Caution:

To comply with the limits of the Class B digital device, pursuant to Part 15 of the FCC Rules, this device must be installed with computer equipment certified to comply with Class B limits.

All cables used to connect to the computer and peripherals must be shielded and grounded. Operation with non-certified computers or non-shielded cables may result in interference to radio or television reception.

MODIFICATION: Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the device.

Federal Communication Commission (FCC) Radiation Exposure Statement

Power is so low that no exposure calculation is needed.

Notice for Canada

This Class B digital apparatus complies with Canadian ICES-003 and RSS-210.

Cet appareil numérique de classe B est conforme aux normes canadiennes NMB-003 et CNR-210.

This device complies with Industry Canada licence-exempt RSS standard.

Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesirable operation.

Cet appareil est conforme avec Industrie Canada RSS standard exempts de licence.

Son fonctionnement est soumis aux deux conditions suivantes :

1. Le matériel ne peut être source D'interférences et
2. Doit accepter toutes les interférences reçues, Y compris celles pouvant provoquer un fonctionnement indésirable.

CANADIAN CLASS B STATEMENT: This digital device does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the interference-causing equipment standard entitled "Digital Apparatus," ICES-003 of the Department of Communications.

Cet appareil numérique respecte les limites de bruits radioélectriques applicables aux appareils numériques de Classe B prescrites dans la norme sur le matériel brouilleur: "Appareils Numériques," NMB-003 édictée par le ministre des Communications.

MODIFICATION: Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the device.

Toute modification non approuvée explicitement par le fournisseur de licence de l'appareil peut entraîner l'annulation du droit de l'utilisateur à utiliser l'appareil.

European Compliance

This product conforms to the following:

RoHS Directive 2011/65/EU.

EMC Directive 2004/108/EC.

Mains operated products for the European market comply with Low Voltage Directive 2006/95/EC and Commission Regulation(s) Implementing Directive 2009/125/EC.

Communication / RF wireless products for the European market comply with R&TTE Directive 1999/5/EC.

Caution:

To comply with the Europe CE requirement, this device must be installed with CE certified computer equipment which meet with Class B limits.

All cables used to connect this device must be shielded, grounded and no longer than 3m in length. Operation with non-certified computers or incorrect cables may result in interference to other devices or undesired effects to the product.

MODIFICATION: Any changes or modifications not expressly approved by Creative Technology Limited or one of its affiliated companies could void the user's warranty and guarantee rights.

European Compliance

Ce produit est conforme aux normes suivantes :

Directive 2004/108/CE sur les émissions électromagnétiques.

Directive RoHS 2011/65/UE.

Les produits secteur pour le marché européen sont conformes à la Directive sur la faible tension 2006/95/CE et à la réglementation de la Commission exécutant la Directive 2009/125/CE.

Les produits de communication/sans fil RF destinés au marché européen sont conformes à la directive R&TTE 1999/5/CE.

ATTENTION : pour respecter les critères CE d'Europe, cet appareil doit être installé avec du matériel informatique certifié CE respectant les limites de la classe B. Tous les câbles utilisés pour connecter cet appareil doivent être blindés, reliés à la terre et ne pas faire plus de 3 m de long. L'utilisation d'ordinateurs non certifiés ou de câbles inappropriés peut entraîner des interférences avec d'autres appareils ou des effets indésirables sur le produit.

MODIFICATION : toute modification non approuvée explicitement par Creative Technology Limited ou l'une de ses sociétés affiliées peut entraîner l'annulation de la garantie et des droits de garantie de l'utilisateur.

Conformità alle normative europee

Questo prodotto è conforme alla seguente normativa:

Direttiva EMC 2004/108/CE.

Direttiva RoHS 2011/65/UE.

I prodotti che funzionano con corrente di rete per il mercato europeo sono conformi alla direttiva bassa tensione 2006/95/CE e alla direttiva di implementazione nelle normative europee 2009/125/CE.

I prodotti di comunicazione/wireless RF per il mercato europeo sono conformi alla Direttiva R&TTE 1999/5/CE.

ATTENZIONE: ai fini della conformità con i requisiti del marchio CE europeo, il dispositivo deve essere installato in un computer certificato CE conforme ai limiti di Classe B. Tutti i cavi usati per collegare il dispositivo devono essere schermati, dotati di idonea messa a terra e avere una lunghezza massima di 3 metri. L'uso del dispositivo con computer non certificati o cavi non idonei può provocare interferenze ad altri dispositivi nonché danneggiare il prodotto stesso.

MODIFICHE: eventuali modifiche o alterazioni non espressamente approvate da Creative Technology Limited o dalle sue società controllate possono rendere nulli la garanzia e il diritto dell'utente a utilizzare il prodotto.

Einhaltung der europäischen Bestimmungen

Dieses Produkt erfüllt die folgenden Bestimmungen:

EMC-Richtlinie 2004/108/EG.

RoHS-richtlinie 2011/65/EU.

Netzbetriebene Produkte für den europäischen Markt erfüllen die Niederspannungsverordnung 2006/95/EG und der Commission Regulation(s) Implementing-Verordnung 2009/125/EG.

Drahtlose Kommunikationsgeräte/Funksender und -empfänger für den europäischen Markt erfüllen die R&TTE-Richtlinie 1999/5/EG.

ACHTUNG: Um die Anforderungen der europäischen CE-Norm zu erfüllen, muss dieses Produkt an einem CE-geprüften Computer der Klasse B angeschlossen werden. Alle Verbindungskabel zu diesem Gerät müssen abgeschirmt und geerdet sein und dürfen nicht länger als 3 m sein. Der Betrieb mit nicht zertifizierten Computern oder nicht ordnungsgemäßen Kabeln kann zu Störungen anderer Geräte oder unerwünschten Auswirkungen auf das Produkt führen.

MODIFIZIERUNG: Jegliche Änderung oder Modifizierung des Produkts, die nicht ausdrücklich von Creative Technology Limited oder einer der zugehörigen Firmen genehmigt worden ist, kann für den Benutzer zum Erlöschen der Garantie und der Gewährleistungsrechte führen.

Homologación para Europa

Este producto cumple:

la Directiva de compatibilidad electromagnética 2004/108/CE.

Directiva RoHS 2011/65/UE.

Los productos funcionando con corriente eléctrica cumplen con la Directiva 2006/95/CE de baja tensión y con la implementación de los requisitos de la Comisión para la directiva 2009/125/CE.

Los productos inalámbricos de comunicación o frecuencias de radio para el mercado europeo cumplen la Directiva 1999/5/CE de equipos de radio y terminales de telecomunicaciones.

ATENCIÓN: para cumplir con los requisitos de Homologación para Europa, este dispositivo debe instalarse con un equipo informático con certificación CE que cumpla los límites de la Clase B. Todos los cables utilizados para conectar este dispositivo deben estar protegidos, conectados a tierra y no tener más de 3 m de longitud. El funcionamiento del dispositivo con equipos no certificados o cables incorrectos podría provocar interferencias a otros dispositivos o efectos no deseados al producto.

MODIFICACIÓN: los cambios o modificaciones no aprobados expresamente por Creative Technology Limited o una de sus empresas afiliadas podrían invalidar la garantía del usuario y los derechos de la garantía.

Europese naleving

Dit product voldoet aan de volgende voorschriften:

EMC-richtlijn 2004/108/EG.

RoHS-richtlijn 2011/65/EU.

Electrische producten voor de Europese markt voldoen aan de Laagspanningsrichtlijn 2006/95/EG en EC and Verordening(en) voor uitvoering van Richtlijn 2009/125/EG.

Communicatie- of draadloze RF-producten voor de Europese markt voldoen aan de richtlijn R&TTE 1999/5/EG.

LET OP: Om te voldoen aan de Europese CE-norm, moet dit apparaat zijn geïnstalleerd in computerapparatuur die CE-gecertificeerd is voor de Klasse B-limieten. Alle kabels die worden gebruikt om dit apparaat aan te sluiten, moeten zijn afgeschermd en geaard, en mogen niet langer dan 3 meter zijn. Gebruik met niet-gecertificeerde computers of incorrecte kabels kan leiden tot interferentie van andere apparaten of ongewenste effecten op het product.

AANPASSING: Alle wijzigingen of modificaties die niet uitdrukkelijk zijn goedgekeurd door Creative Technology Limited of een van de gelieerde maatschappijen, kunnen ertoe leiden dat de rechten van de gebruiker met betrekking tot garantie en vrijwaring vervallen.

Conformidade Europeia

Este produto está em conformidade com a seguinte regulamentação:

Directiva EMC 2004/108/EC.

Directiva RoHS 2011/65/UE.

Os produtos com ligação à rede destinados ao mercado europeu estão em conformidade com a directiva de baixa voltagem 2006/95/CE. Directiva de Implementação do(s) Regulamento(s) da Comissão 2009/125/CE.

Os produtos de comunicação/radiofrequência sem fios destinados ao mercado europeu estão em conformidade com a directiva R&TTE 1999/5/CE.

ATENÇÃO: De modo a cumprir com os requisitos da marca CE Europeia, este dispositivo deve ser instalado com equipamento informático com certificação CE que cumpra com os limites de Classe B limits. Todos os cabos usados para ligar este dispositivo devem ser blindados, ligados à terra e não devem exceder os 3m de comprimento. O funcionamento com computadores não certificados ou cabos incorrectos pode resultar em interferências em outros dispositivos ou provocar efeitos indesejados no produto.

MODIFICAÇÃO: Quaisquer alterações ou modificações que não sejam expressamente aprovadas pela Creative Technology Limited ou por uma das suas afiliadas, pode anular a garantia do utilizador e os direitos inerentes à mesma.

Europeisk efterlevnad

Denna produkt uppfyller följande:

EMC-direktivet 2004/108/EC.

RoHS Direktivet 2011/65/EU.

Produkter för den europeiska marknaden som drivs via elnätet uppfyller Lågspänningsdirektivet 2006/95/EC och Kommissionens regleringsimplementeringsdirektiv 2009/125/EG.

Trådlösa kommunikations/RF-produkter för den europeiska marknaden uppfyller R&TTE-direktivet 1999/5/EC.

VARNING: För att uppfylla CE-kraven i Europa måste denna produkt installeras med CE-certifierad datorutrustning som uppfyller gränsvärdena för klass B. Alla kablar som används för anslutning av denna produkt måste vara avskärmade, jordade och får inte vara längre än 3 m. Användning med icke certifierade datorer eller felaktiga kablar kan leda till interferens på annan utrustning eller oönskade effekter på produkten.

MODIFIERING: Alla förändringar och modifieringar som inte är uttryckligen tillåtna av Creative Technology limited eller något av dess filialföretag kan göra användarens garanti och garantirättigheter ogiltiga.

Europeisk samsvar

Detta produktet er i samsvar med følgende:

EMC-direktivet 2004/108/EC.

RoHS-Direktivet 2011/65/EU.

Elektriske produkter til det europeiske markedet er i samsvar med Lavspenningsdirektivet 2006/95/EC og Økodesigndirektivet 2009/125/EC.

Kommunikasjon/RF trådløse produkter til det europeiske markedet er i samsvar med R&TTEdirektivet 1999/5/EC.

ADVARSEL: For å overholde det europeiske CE-kravet må denne enheten installeres med CEsertifisert datautstyr som tilfredsstiller klasse B-grensene. Alle kabler som kobles til enheten må være skjermet, jordet og ikke lenger enn 3 m i lengde. Bruk av ikke-sertifiserte datamaskiner eller feil kabler kan føre til forstyrrelse av andre enheter eller uønsket effekt på produktet.

MODIFIKASJON: Eventuelle endringer eller modifikasjoner som ikke uttrykkelig er godkjent av Creative Technology Limited eller et av dets tilknyttede selskaper, kan ugyldiggjøre garantien eller garantirettighetene.

Overholdelse af Europæiske regler og standarder

Dette produkt overholder følgende:

EMC-direktivet 2004/108/EC.

RoHS-Direktivet 2011/65/EU.

Produkter til det Europæiske marked, skal overholde Lavspændingsdirektivet 2006/95/EC og Kommissionens forordninger for implementering af direktivet 2009/125/EF.

Kommunikations- / RF-trådløse produkter til det Europæiske overholder R&TTE-direktivet 1999/5/EC.

ADVARSEL: For at overholde Europe CE-kravet, skal denne enheden installeres med CE-certificeret computerudstyr, der opfylder klasse B-grænserne. Alle kabler der anvendes til at tilslutte enheden skal være skærmede, jordforbundne og ikke længere end 3 m lange. Drift med ikke-certificerede computere og ukorrekte kabler kan medføre interferens for andre enheder eller uønskede effekter på produktet.

MODIFIKATION: Enhver ændring eller modifikation, der ikke er udtrykkeligt godkendt af Creative Technology Limited eller et associerede selskab, vil gøre brugerens garanti og garanterede rettigheder ugyldig.

Eurooppalainen yhdenmukaisuus

Tämä tuote täyttää seuraavat tuotemääritykset:

TEMC-direktiivin 2004/108/EC.

RoHS-direktiivin 2011/65/EU.

Euroopan markkinoiden verkkovirtaa käyttävät tuotteet ovat matalajännitedirektiivin 2006/95/EY mukaisia. Euroopan parlamentin ja neuvoston ohjaava direktiivi 2009/125/EY.

Euroopan markkinoiden tietoliikenne- ja langattomat radiotaajuustuotteet noudattavat R&TTEdirektiiviä 1999/5/EY.

VAROITUS: Jotta tämä laite noudattaisi Euroopan CE-vaatimuksia , tämä laite on asennettava CEsertifioituun tietokoneeseen, joka noudattaa luokan B rajoituksia. Kaikki tämän laitteen liittämiseen käytetyt kaapelit tulee suojata ja maadoittaa eivätkä ne saa olla 3 m pidempiä. Luokan rajoituksia noudattamattoman tietokoneen tai vääränlaisten kaapeleiden käyttäminen voi aiheuttaa häiriötä muihin laitteisiin tai haitata itse laitteen toimintaa.

MUOKKAUKSET: Muutokset tai muokkaukset, joita Creative Technology Limited tai sen tytäryhtiöt eivät nimenomaisesti ole hyväksyneet, voivat mitätöidä tuotteelle annetun takuun.

Evropská shoda

Tento výrobek splňuje následující směrnice:

Směrnice EMC 2004/108/EC.

Směrnice RoHS 2011/65/EU.

Výrobky napájené z elektrické zásuvky pro evropský trh splňují směrnici o nízkém napětí 2006/95/EC a směrnici komise 2009/125/EC o zavádění předpisů.

Komunikační / vysokofrekvenční bezdrátové výrobky pro evropský trh splňují směrnici R&TTE 1999/5/EC.

UPOZORNĚNÍ: Aby toto zařízení splňovalo evropský požadavek CE, musí být nainstalováno s počítačovým vybavením s certifikátem CE, které splňuje limity pro zařízení třídy B. Veškeré kabely používané pro připojení tohoto zařízení musí být stíněné, uzemněné a nesmí být delší než 3 metry. Při používání s necertifikovanými počítači nebo nesprávnými kabely může dojít k rušení jiných zařízení nebo k nežádoucím vlivům na produkt.

ÚPRAVY: Jakékoli změny nebo úpravy, které nebyly vysloveně schváleny společností Creative Technology Limited nebo některou z jejích dceřiných společností, mohou způsobit propadnutí záruky uživatele a záručních práv.

Zgodność z przepisami europejskimi

Urządzenie jest zgodne z

dyrektywą EMC 2004/108/EC.

Dyrektywa RoHS 2011/65/UE.

Urządzenia zasilane z sieci elektrycznej przeznaczone na rynek europejski muszą być zgodne z dyrektywą dotyczącą urządzeń niskonapięciowych 2006/95/EC oraz z dyrektywą wdrażającą komisji regulacyjnej 2009/125/WE.

Urządzenia komunikacyjne / bezprzewodowe wykorzystujące transmisję radiową przeznaczone na rynek europejski spełniają warunki dyrektywy RTTE 1999/5/EC.

UWAGA: Aby uzyskać zgodność z wymogami europejskiej normy CE urządzenie musi być zainstalowane wraz ze sprzętem komputerowym mającym certyfikat CE z ograniczeniami klasy B. Wszystkie przewody używane do podłączania niniejszego urządzenia muszą być ekranowane, uziemione i nie dłuższe niż 3 metry. Użytkowanie z komputerami nie posiadającymi certyfikatów lub wykorzystanie niewłaściwych przewodów może powodować zakłócenia pracy innych urządzeń lub opisywanego urządzenia.

MODYFIKACJE: Dokonanie jakichkolwiek zmian lub modyfikacji, na które firma Creative Technology Limited lub spółki z nią stowarzyszone nie udzielają wyraźnej zgody, może doprowadzić do unieważnienia praw gwarancji i rękojmi użytkownika.

Соответствие европейским нормам

Данное изделие соответствует следующим стандартам:

EMC Директива 2004/108/EC.

RoHS директива 2011/65/EU.

Продукция с питанием от сети, поставляемая на европейский рынок, соответствует Директиве по низковольтному оборудованию 2006/95/EC и Имплементирующей директиве постановления (- й) комиссии 2009/125/EC.

Коммуникационное/радио- беспроводное оборудование, поставляемое на европейский рынок, соответствует Директиве по окончному радио- и телекоммуникационному оборудованию 1999/5/EC.

ВНИМАНИЕ! Для обеспечения соответствия европейским требованиям CE, это устройство должно устанавливаться с компьютерным оборудованием, сертифицированным по стандарту CE и удовлетворяющим нормам класса B. Все кабели, используемые для подключения данного устройства, должны быть экранированы, заземлены и иметь длину не более 3 м. Работа с несертифицированными компьютерами или неподходящими кабелями может привести к возникновению помех другим устройствам или негативному влиянию на работу самого изделия.

ИЗМЕНЕНИЯ КОНСТРУКЦИИ Любые изменения конструкции, на которые не было получено прямое разрешение компании Creative Technology Limited или ее дочерней компании, может привести к аннуляции гарантии и связанных с ней прав.

Európai megfeleléség

Ez a termék megfelel a következőknek:

2004/108/EGK sz., az elektromágneses összeférhetőségre. 2011/65/EU, RoHS.

Az Európa területére szánt hálózati termékek megfelelnek az alacsony feszültségre vonatkozó 2006/95/EC irányelvnek.

Az irányelvet 2009/125/EK végrehajtó bizottsági rendeletek.

Az Európa területére szánt, távközlési, illetve rádiófrekvenciás vezeték nélküli termékek megfelelnek a rádiós távközlő végberendezésekre vonatkozó 1999/5/EK irányelvnek.

FIGYELEM! Az európai CE követelmények teljesítéséhez ezt a készüléket a B kategóriájú értékeknek megfelelő, CE minősítésű számítógéppel együtt kell telepíteni. A készülék csatlakoztatására használt valamennyi kábelnek árnyékoltnak és földeltnek kell lennie, továbbá hosszúsága nem haladhatja meg a 3 métert. A nem hitelesített számítógépekkel vagy helytelen kábelekkkel való használat más készülékek zavarását vagy a termék nem kívánatos befolyásolását okozhatja.

MÓDOSÍTÁS: Minden módosítás vagy változtatás, amit kifejezetten nem hagyott jóvá a Creative Technology Limited vagy valamelyik leányvállalata, érvénytelenítheti a készülék garanciáját és felhasználó garanciális jogait.

Ευρωπαϊκή συμμόρφωση

Το παρόν προϊόν συμμορφώνεται με τα παρακάτω:

Οδηγία ΗΜΣ 2004/108/ΕΚ.

Οδηγία RoHS 2011/65/ΕΕ.

Τα προϊόντα που λειτουργούν με ρεύμα για την ευρωπαϊκή αγορά συμμορφώνονται με την Οδηγία περί χαμηλής τάσης 2006/95/ΕΚ και τους κανονισμούς της επιτροπής που υλοποιούν την οδηγία 2009/125/ΕΚ.

Τα ασύρματα προϊόντα επικοινωνιών / RF για την ευρωπαϊκή αγορά συμμορφώνονται με την οδηγία R&TTE 1999/5/ΕΚ.

ΠΡΟΣΟΧΗ: Για τη συμμόρφωση με τις απαιτήσεις του ευρωπαϊκού CE, αυτή η συσκευή θα πρέπει να εγκατασταθεί σε εξοπλισμό υπολογιστή με πιστοποίηση CE ο οποίος πληροί τα όρια της κατηγορίας B.

Όλα τα καλώδια που χρησιμοποιούνται για τη σύνδεση της συσκευής θα πρέπει να είναι θωρακισμένα, γειωμένα και να μην υπερβαίνουν σε μήκος τα 3μ. Η λειτουργία με μη πιστοποιημένους υπολογιστές ή λάθος καλώδια μπορεί να οδηγήσει σε παρεμβολές με άλλες συσκευές ή ανεπιθύμητες επιδράσεις στο προϊόν.

ΤΡΟΠΟΠΟΙΗΣΗ: Οι όποιες αλλαγές ή τροποποιήσεις που δεν έχουν εγκριθεί ρητά από την Creative Technology Limited ή κάποια από τις θυγατρικές της ενδέχεται να ακυρώσουν την εγγύηση του χρήστη και τα δικαιώματα που απορρέουν από αυτήν

Europos Sąjungos atitiktis

Šis gaminys atitinka šiuos reikalavimus:

„Elektromagnetinės atitikties“ („EMC“) direktyva 2004/108/EC.

RoHS direktyva 2011/65/ES.

Produktai, kurie veikia maitinami iš elektros tinklo, skirti Europos rinkai, atitinka Žemos įtampos direktyvą 2006/95/EB.

Komisijos reglamentas(-ai) dėl Direktyvos 2009/125/EB įgyvendinimo.

Europos Sąjungos rinkai skirti ryšių / radijo dažnių bevieliai gaminiai atitinka 1999/5/EB direktyvą „Dėl radijo ryšio įrenginių ir telekomunikacijų galinių įrenginių bei abipusio jų atitikties pripažinimo“.

ATSARGIAI: Tam, kad šis prietaisas atitiktų Europos Sąjungos „CE“ reikalavimus, jis turi būti įdiegtas į „CE“ sertifikuotą kompiuterinę įrangą, atitinkančią „B“ klasės ribas. Visi su šiuo prietaisu naudojami laidai turi būti ekranuoti, izeminti ir neviršyti 3 m ilgio. Nesertifikuotų kompiuterių ar netinkamų laidų naudojimas gali tapti trikdžių kitiems prietaisams arba nepageidaujamų šio gaminio veikimo pasekmių priežastimi.

MODIFIKAVIMAS: Bet kokie pakeitimai ar modifikavimai neturint aiškiai patvirtinto „Creative Technology Limited“ ar vienos iš su ja susijusių bendrovių leidimo gali panaikinti vartotojo garantiją ir garantijos teises.

Europeisk överensstämmelse

Denna produkt uppfyller följande:

EMC-direktivet 2004/108/EC.

RoHS-direktivet 2011/65/EU.

Produkter som ansluts till elnätet och som är avsedda för den europeiska marknaden uppfyller lågspänningsdirektivet 2006/95/EC.

Nariadenia komisie, ktorými sa vykonáva smernica 2009/125/ES.

Trådlösa kommunikationsprodukter/RF-produkter för den europeiska marknaden uppfyller R&TTedirektivet 1999/5/EC.

VARNING! För att överensstämma med de europeiska CE-kraven måste denna enhet installeras tillsammans med CE-godkänd utrustning som uppfyller Klass B-gränserna. Alla kablar som används vid anslutning av denna enhet måste vara skärmade och jordade samt inte vara längre än 3m. Användning tillsammans med icke-godkända datorer eller felaktiga kablar kan orsaka störningar i andra enheter eller oönskade effekter i denna produkt.

ÄNDRING: Varje ändring eller modifiering som inte uttryckligen godkänts av Creative Technology Limited eller ett av dess dotterbolag kan göra att användarens garanti eller garantirättigheter upphör att gälla.

Avrupa Uyumu

Bu ürün aşağıdakilere uygundur:

2004/108/EC EMC (Elektromanyetik Uyumluluk) Yönetmeliği.

2011/65/EU RoHS (Tehlikeli Maddelerin Kısıtlanması) Yönetmeliği

Avrupa piyasasına yönelik, elektrik şebekesi tarafından çalıştırılan ürünler 2006/95/EC Alçak Gerilim Yönetmeliği (LVD) ve 2009/125/EC Enerji ile İlgili Ürünlerin Çevreye Duyarlı Tasarımına İlişkin Yönetmeliğe uygundur.

Avrupa piyasasına yönelik İletişim / RF kablosuz ürünleri Yönetmelik R&TTE 1999/5/EC ile uyumludur.

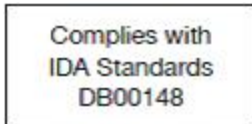
DİKKAT: Avrupa CE gereksinimleriyle uyumlu olması için bu cihazın, B Sınıfı sınırlarına uygun olan CE sertifikalı bilgisayar donanımları ile birlikte kurulması gerekir. Bu cihazı bağlamak için kullanılan tüm kabloların koruyuculu ve topraklanmış olması ve 3 metreden uzun olmaması gerekir. Sertifikalı olmayan bilgisayarlarla veya yanlış kablolarla birlikte kullanılması, diğer cihazların düzgün çalışmamasına veya üründe istenmeyen etkiler görülmesine neden olabilir.

DEĞİŞİKLİKLER: Creative Technology Limited veya bağlı şirketlerinden biri tarafından açıkça onaylanmamış tüm değişiklikler kullanıcının garanti ve teminat haklarını geçersiz kılabilir.

Ukraine RoHS Statement

Обладнання відповідає вимогам Технічного регламенту щодо обмеження використання деяких небезпечних речовин в електричному та електронному обладнанні, затвердженого постановою Кабінету Міністрів України від 3 грудня 2008 № 1057

Notice for Singapore



Notice for Japan

Recycling Rechargeable Battery



Li-ion

Lithium rechargeable battery is a resource that can be recycled.

- For recycling of embedded lithium rechargeable batteries inside Creative products, please do not attempt to remove the battery from the device. For recycling information and instruction, please go to Creative Media K K customer support at <http://jp.creative.com/support/contact/> (in Japanese)
- For recycling of replaceable (removable) lithium rechargeable batteries:



注意事項

- It is recommended to remove the rechargeable batteries when they are fully discharged.
- Precaution needs to be taken on metal parts of the battery by covering them with isolation materials such as scotch tape.
- Refer to the homepage of JBRC for information on recycling and recovery of rechargeable batteries and supporting shops. (<http://www.jbrc.com/>)

Notice for Korea

B급 기기

(가정용 방송통신기자재)

이 기기는 가정용 (B급) 전자파적합 기기로서 주로 가정에서 사용하는 것을 목적으로 하며, 모든 지역에서 사용할 수 있습니다.

Vietnam RoHS Statement

This product is in compliance with Circular 30/2011/TTBCT of the Ministry of Trade of the Socialist Republic of Vietnam ("Circular"), it does not contain the following substances in concentration greater than the Maximum Limit value as specified in the Circular.

Substance	Maximum Limit (ppm) ^{1, 2}
• lead	1000
• mercury	1000
• cadmium	100
• hexavalent chromium	1000
• polybrominated biphenyls (PBB)	1000
• polybrominated diphenyl ethers (PBDE)	1000

¹ Maximum Limit does not apply to applications exempted from the Circular.

² Maximum Limit refers to concentration by weight in homogeneous materials.

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