

X-Fi[®]

SONIC CARRIER[™]



THE AUDIO OF TOMORROW

USER MANUAL (Firmware Version 1.6 onwards)

Creative X-Fi Sonic Carrier (Model MF8235)

Creative X-Fi Sonic Carrier Subwoofer (Model MF8240)

CREATIVE[®]

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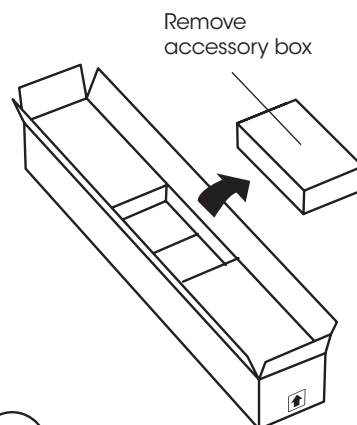
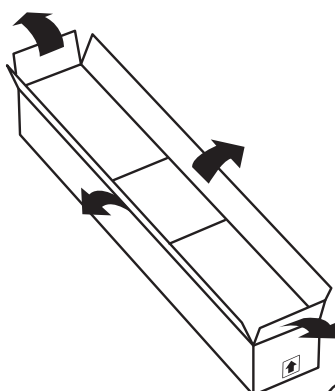
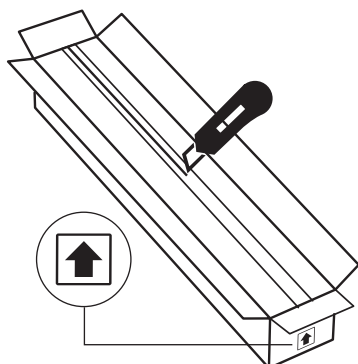
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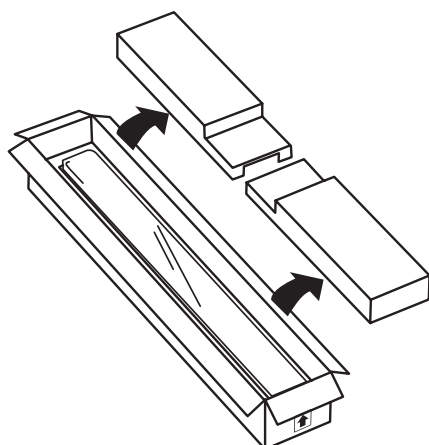
HEAVY OBJECT
Two person lift required

Main Unit

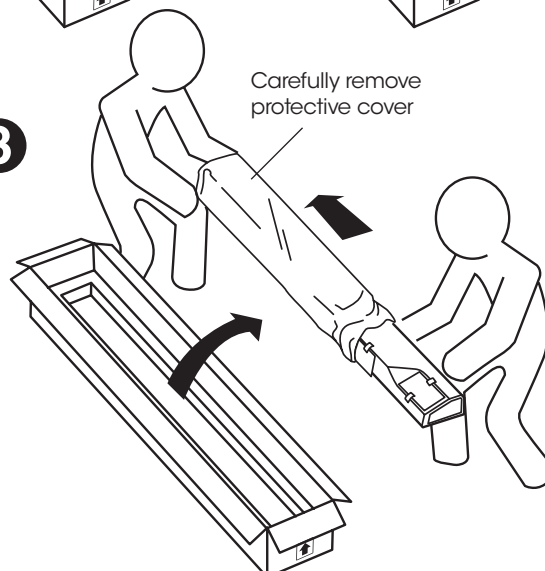
- 1** Ensure shipping box top faces upward



2

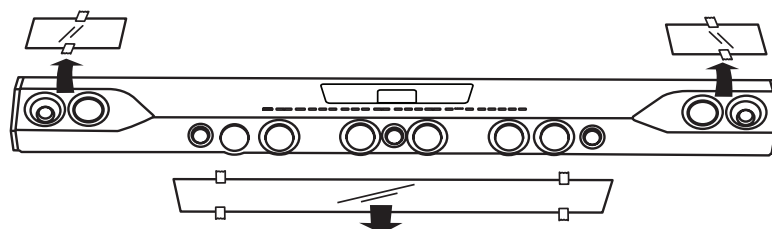


3



4

Remove protective covering
ONLY AFTER final installation



Note:

The Sonic Carrier main unit and subwoofer units are heavy and require 2 person for unpacking and setup.

While unpacking your Sonic Carrier main unit and subwoofer, inspect them thoroughly for possible shipping damage and contact customer support immediately if you find any evidence of shipping damage.

Please keep the original shipping box and all packing material. This will ensure the main unit and subwoofer are protected for future transport. In the unlikely event you have a problem and must return it for service, you must use the proper packing material. Ship the equipment only in the original packing material, otherwise the unit is not insurable by carriers.

You may cut the taped seams on the bottom flaps to flatten the cardboard cartons for easier storage.

Unpacking



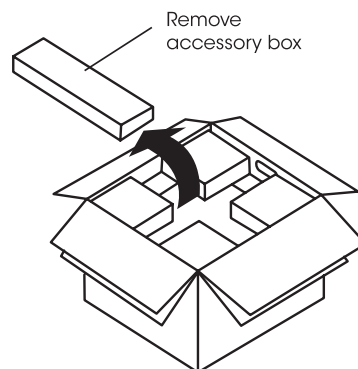
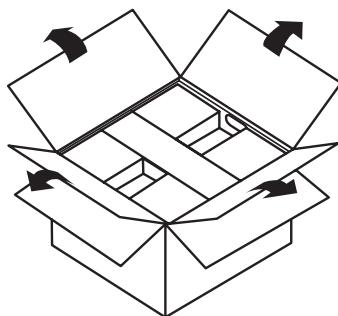
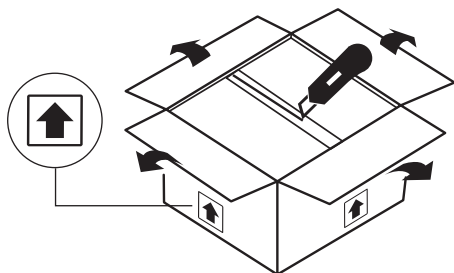
CAUTION:



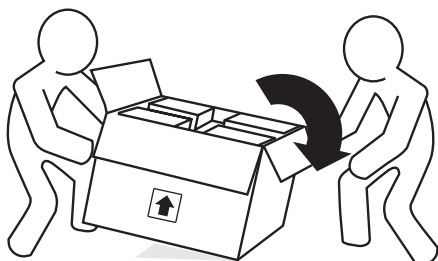
HEAVY OBJECT
Two person lift required

Subwoofer

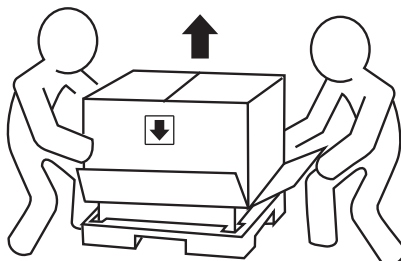
- 1** Ensure shipping box top faces upward



- 2** Tip box over gently onto side, then flip box gently over again till top faces downward



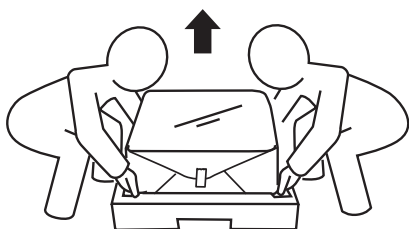
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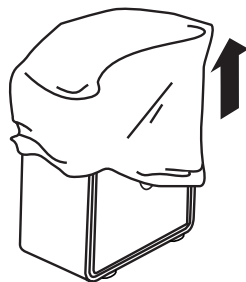
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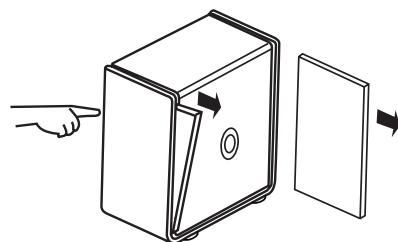
- 5** Open protective cover to find subwoofer feet



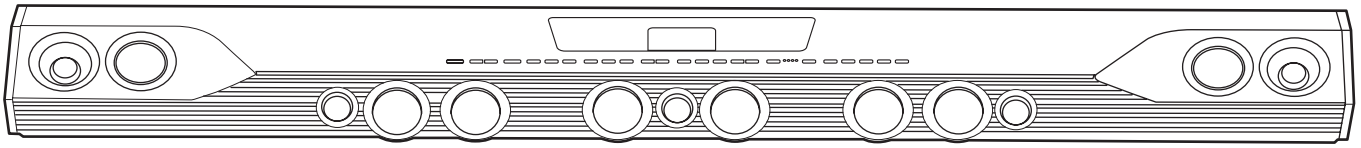
- 6** Place subwoofer upright and remove protective cover



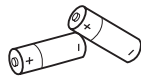
- 7** Push out, and remove transit protection foam blocks



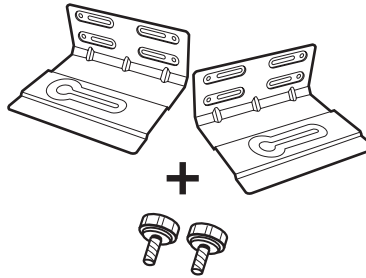
Main Unit



IR remote control



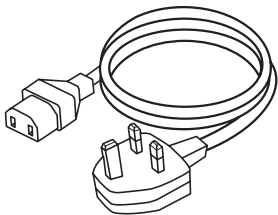
AAA battery x 2
for IR remote control



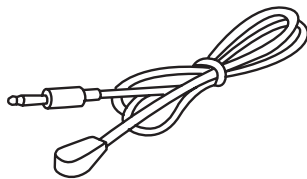
Wall mount brackets x 2
+ thumbscrews x 2



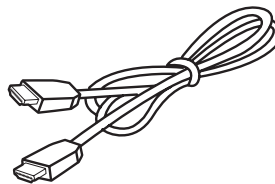
Driver décor rings x 8



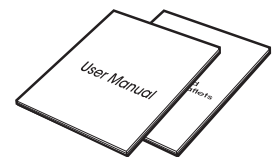
Power cable



IR transmitter

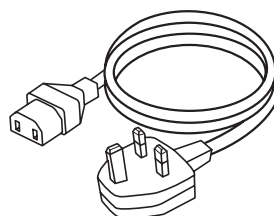
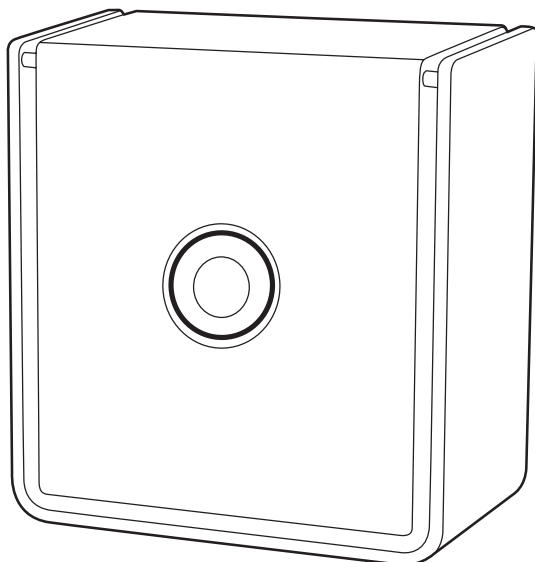


HDMI cable
(optional)

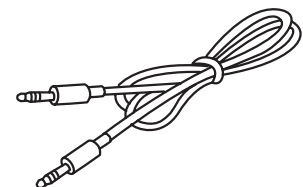


User manual
Safety and regulatory leaflets

Subwoofer



Power cable



Link cable



Safety and regulatory leaflets

Setup and Care Information

Setup Recommendation

The Sonic Carrier main unit is designed to be placed on top of a console in front of a TV or wall mounted. For optimum performance, please observe the setup recommendation below. Wall mount information for Installers are included in the appendix at the end of the manual.

1. In order to reproduce an immersive sound experience, the Sonic Carrier main unit radiates sound from the front, top and sides. Ensuring that these sound waves are not obstructed by objects placed in their path would yield the best sound experience. Do not place your Sonic Carrier within an enclosed fixture (cabinet, shelving unit, etc.), and make sure nothing is obstructing the sides. The top firing speakers need to have a clear line of sight to the ceiling as well.
2. Avoid positioning the Sonic Carrier so low that you are looking down at the top of the main unit, as this will disrupt the audio and surround sound performance. If you are wall mounting the main unit, install the main unit with 15cm of space between the top of the main unit and the bottom of the TV to avoid obscuring the top firing speaker.
3. For the best listening experience, the listening position should be at least 1.2 - 1.5m (4 - 5 ft) away from the Sonic Carrier.
4. The subwoofer unit produces non-directional sound and thus could be placed at your convenience around the room. For optimum results, it would be best to locate the subwoofer equidistant to the main unit when measured from the listening position, and to keep the subwoofer within 3m (10ft) of the main unit.
5. The subwoofer is equipped with a pair of ports that augments the sound output of the dual subwoofer drivers at the lowest frequencies. Keep a distance of 10cm (4") between the rear subwoofer enclosure and the adjacent wall to avoid turbulence or air chuffing noises.
6. Room acoustics has a major influence on sound quality. The ear is particularly troubled by standing waves and echoes which can be identified by moving around your room and loudly clapping your hands. Parallel surfaces such as opposite walls, floor and ceiling encourage and sustain these problems. However, rearranging curtains, thick carpets, rugs, furniture and bookcases can make a dramatic improvement as the sound waves are partially absorbed and diffused. As far as possible, the Sonic Carrier main unit should be setup with equal distance from the left and right wall.

The Sonic Carrier uses side firing drivers to reproduce surround information; excessive or asymmetric amount of absorption on the left and right sidewalls could adversely affect the surround sound performance. For best results, keep the area of the left and right walls between the main unit and the listening position free from absorptive material such as curtains and upholsteries.

7. The ceiling surface is an important contributor to how overhead (height) effects performs. The ideal ceiling height is between 2.3 - 4.3m (7.5 - 14ft). Ceiling should be constructed of an acoustically reflective material, such as wall board, plaster, hardwood, or any rigid, non-sound absorbing material. Avoid treating ceilings with acoustic damping materials. For optimal playback, the ceiling should be flat. A shallow vaulted ceiling will provide an acceptable performance. Chandeliers and can-style lighting do not significantly interfere with or negatively impact the height effect.

Care for your Sonic Carrier Main Unit & Subwoofer

Cabinet

The Sonic Carrier main unit is finely crafted to last a lifetime from select metal alloys and engineering polymers; and should be treated as you would fine furniture with similar materials and finishes.

The cabinet of the Sonic Carrier subwoofer is finely crafted from wood finished in vinyl laminate or high gloss lacquer; and should be treated as you would furniture with similar materials and finishes.

Dust lightly with a soft lint-free cloth, avoiding abrasives and spirit based cleaners. If necessary, wipe carefully with a cloth slightly dampened with glass cleaner to remove stubborn soil and marks.

Main Unit Grilles

The acoustically transparent fabric midrange driver grilles help protect the driver units, and could be left in place during listening with negligible acoustic effect. These could be taken off and cleaned using a lint brush. Should you choose to clean the grilles in place, be careful not to press in and deform the drivers under the grille. Optional décor rings without fabric covers are provided as an alternative to users who prefer the look of exposed midrange drivers. Take care to properly seat the décor rings on the rubber isolation rings that holds the pre-installed fabric grilles in place.

Subwoofer Grilles

The acoustically transparent fabric grille protects the subwoofer driver units, and must not be removed. This could be carefully cleaned using a lint brush, be careful not to press in and deform the drivers under the grille. The space between the grille and the cabinet could be dusted very carefully with a soft dry brush. Avoid touching the woofer diaphragm.

Main Unit Drivers

Avoid touching the speaker diaphragms, particularly tweeters. The surface of the midrange driver could be dusted very carefully with a soft dry brush.

Main Unit Display

The main unit display on the top panel can be tilted to your desired angle with minimum force. Do not force the display to swivel further forward than 90 degrees vertical.

Front Panel

The front panel connectors are concealed by a magnetically latched flap that is hinged at the bottom. Avoid applying excessive force to the flap; close the flap when access to the ports are not required, or when the unit needs to be moved. When tilting the main unit forward to facilitate cable connection, remove all cables and USB devices first and ensure the front panel flap is closed to avoid damage to the connectors and the flap hinge.

General Care Information

Avoid damp, direct sunlight and temperature extremes. The ventilation and ports should not be impeded by covering the ventilation openings with items, such as newspapers, table-cloths, curtains, etc. No naked flame sources, such as lighted candles, should be placed on the apparatus.

Updated User Manual

Download the latest version of the user manual here:



soniccarrier.com/support/manual

Instructional Videos

Learn about the Sonic Carrier by watching our instructional videos:



soniccarrier.com/support/videos

Firmware Updates

The Sonic Carrier automatically checks for the latest firmware update each time it is powered on.* Follow the instructions on the main display to install the update. We strongly advise you to update to the latest firmware.

* Internet connection required

Troubleshooting Guide

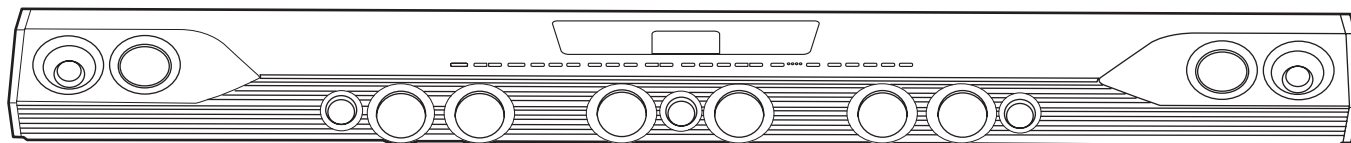
Need help setting up your Sonic Carrier? Access our troubleshooting guide at:



soniccarrier.com/support/troubleshooting

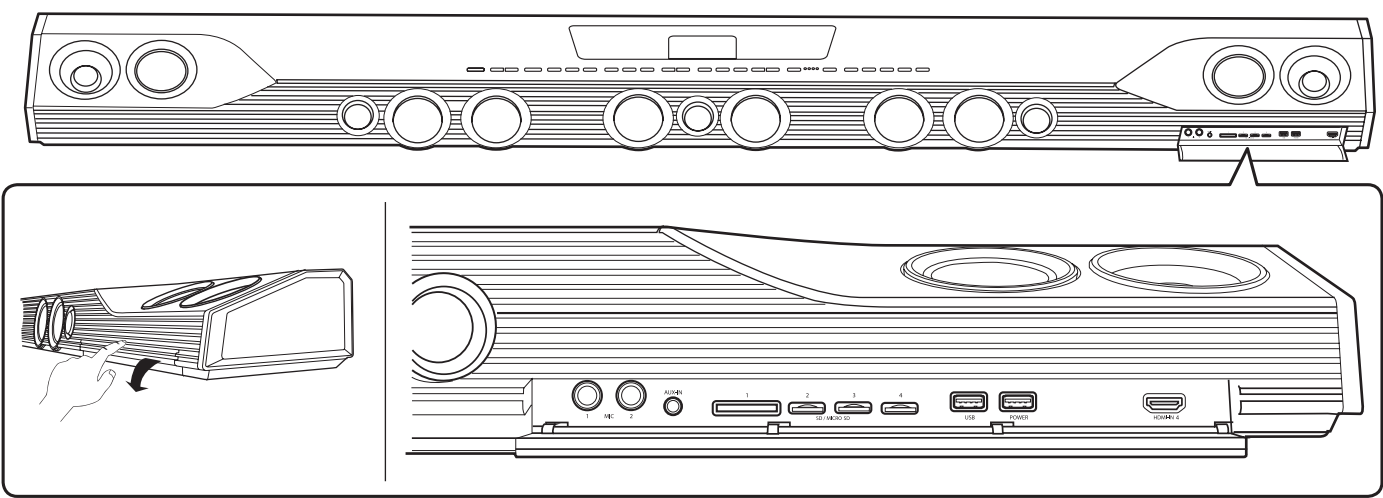
Overview

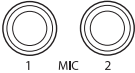
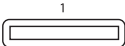
Top Panel



Button	Description
Power	On/off main power.
Volume -	Volume down.
Volume +	Volume up.
X-Fi	On/off SuperWide X-Fi processing. (Only affects stereo audio signals) Press and hold to access the Sound Experience presets, then use and to select.
Previous	Previous track. Operation under Android™ Video Engine depends on apps.
Play/Pause	Play or pause playback. Operation under Android Video Engine depends on apps.
Next	Next track. Operation under Android Video Engine depends on apps.
A [D]	Reserved for future use.
B [E]	Reserved for future use.
C [F]	Reserved for future use.
Bluetooth®	Switch to Bluetooth mode. Press and hold to enable Bluetooth pairing.
Wi-Fi	Switch to Wi-Fi mode.
Home	Switch to Android OTT mode, and show home screen.
Output	Switch between available outputs like Speaker, Line Output or Bluetooth headphone.*
Mic	Switch between mic adjustment modes: Volume, Key, Reverb, or Vocal Suppressor on/off. Press and hold to turn on/off the microphone inputs.
Mic Control	Adjust the volume, key, reverb, or turn on/off vocal suppressor for both microphones, depending on the mic adjustment mode.
HDMI	Switch between available HDMI inputs. LED 1-4 will be lit to indicate input source. LED 1-4 will be dimmed to indicate TV ARC mode.
SD/microSD	Press to cycle through available SD/microSD cards. Press and hold to switch to SD direct music playback mode.
USB	Switch to the last accessed USB input, or cycle through available USB inputs.
Optical	Switch to the last accessed optical input, or cycle through available optical inputs.
Line-In	Switch to Line input.
Aux-In	Switch to Aux input.
LED	Cycle LED patterns on subwoofer. Press and hold to enter subwoofer pairing mode.

Front Panel



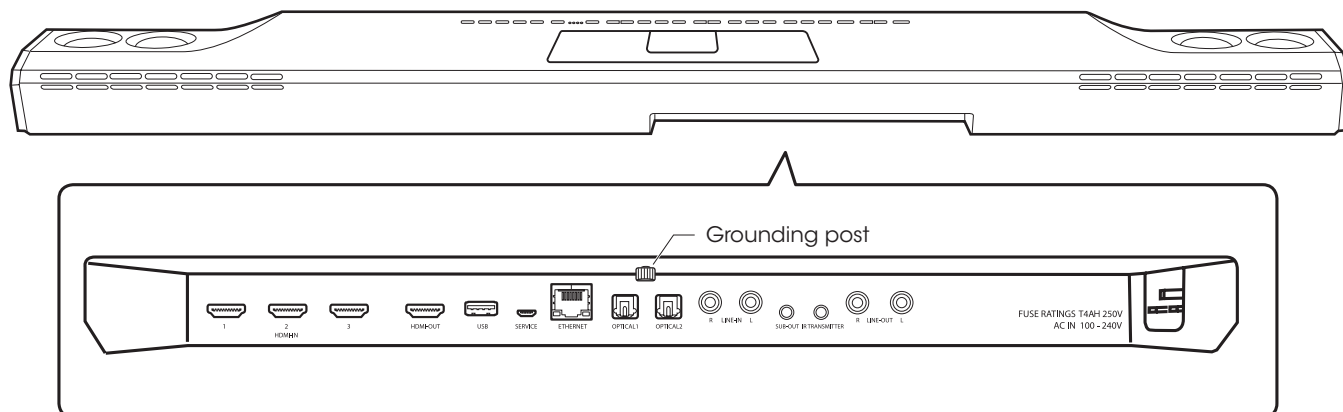
Connector	Description
	1/4" Microphone inputs (supports cardioid type dynamic microphone)
	Auxiliary input (3.5mm 4-pole)
	SD Card Slot (supports up to 256GB. FAT32/NTFS file systems only)
	microSD Card Slot (supports up to 256GB. FAT32/NTFS file systems only)
	USB host (external hard disk, flash drive, keyboard/trackpad dongle)
	USB power (5V 2A to power devices such as TV sticks. No data transfer.)
	HDMI 2.0a input

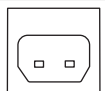


CAUTION:
The front panel connectors are concealed by a magnetically latched flap that is hinged at the bottom. Avoid applying excessive force to the flap. Close the flap when access to the ports are not required, or when the unit needs to be moved. When tilting the main unit forward to facilitate cable connection, remove all cables and USB devices first and ensure the front panel flap is closed to avoid damage to the connectors and the flap hinge.

Overview

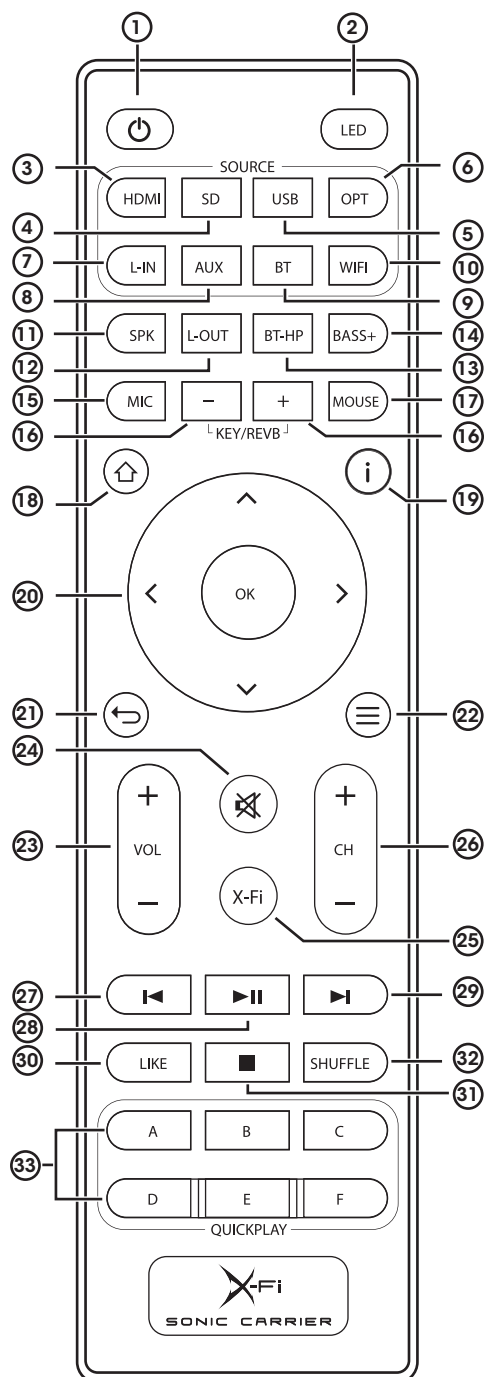
Rear Panel



Connector	Description
 1  2 HDMI-IN  3	HDMI 2.0a inputs
 HDMI-OUT	HDMI 2.0a output to TV with Audio Return Channel (ARC)
 USB	USB host (external hard disk, flash drive, keyboard/mouse dongle)
 SERVICE	Service Port. No user accessible features.
 ETHERNET	Gigabit Ethernet (to a wireless router/modem for high speed Internet)
 OPTICAL1  OPTICAL2	Optical inputs (compatible with up to 24-bit/96kHz stereo PCM signals)
 R LINE-IN  L	RCA input
 R LINE-OUT  L	RCA output (to existing amplifier)
 SUB-OUT	Subwoofer out
 IR TRANSMITTER	IR transmitter
	Power socket (fuse ratings T4AH 250V AC IN 100-240V)
	Grounding post (for optional ground connection in the event of noise/interference on the Mic and Analog connections)

Remote Control

Some buttons on the remote control perform the same function as the main unit buttons.

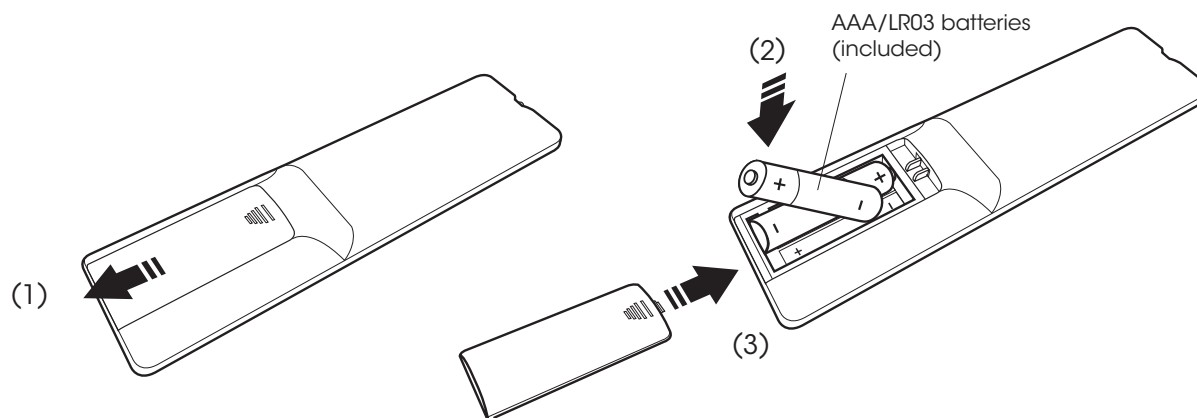


Button	Description
① Power	On/off main power.
② LED	Cycle through LED presets on all connected subwoofers.
③ HDMI	Switch to the last accessed HDMI source, or cycle through available HDMI sources (including TV ARC).
④ SD/microSD	Cycle through available SD/microSD cards. Press and hold to switch to SD direct music playback mode.
⑤ USB	Switch to the last accessed USB input, or cycle through available USB inputs.
⑥ Optical	Switch to the last accessed optical input, or cycle through available optical inputs.
⑦ Line-In	Switch to Line input.
⑧ Aux-In	Switch to Aux input.
⑨ Bluetooth	Switch to Bluetooth. Press and hold to enable Bluetooth pairing.
⑩ Wi-Fi	Switch to Wi-Fi audio.
⑪ Speaker	Output sound to main unit. Mute line out and Bluetooth headphones out.*
⑫ Line-Out	Output sound to line out. Mute main unit and Bluetooth headphones out.*
⑬ Bluetooth Headphones Out	Output sound to connected Bluetooth headphones. Mute main unit and line out.*
⑭ Bass+	Bass boost.
⑮ Mic	Switch between mic adjustment modes: Volume, Key, Reverb, or Vocal Suppressor on/off. Press and hold to turn on/off the microphone inputs.
⑯ Key/Reverb -/+	Adjusts levels for mic volume, key, reverb, or vocal suppressor on/off.
⑰ Mouse	On/off mouse mode.
⑱ Home	Display Android Video Engine home screen.
⑲ Info	Display any info in the Android Video Engine.
⑳ Cursor & OK	Navigate and select in the Android Video Engine.
㉑ Return	Return to previous Android Video Engine menu display.
㉒ Menu	Android Video Engine menu button
㉓ Volume +/-	Increase/decrease volume.
㉔ Mute	Mute/unmute audio.
㉕ X-Fi	On/off SuperWide X-Fi processing. (Only affects stereo audio signals) Press and hold to access the Sound Experience presets, then use ◀ and ▶ to select.
㉖ Channel +/-	Reserved for future use.
㉗ Previous	Previous track. Operation under Android Video Engine depends on apps.
㉘ Play/Pause	Play or pause playback.
㉙ Next	Next track. Operation under Android Video Engine depends on apps.
㉚ Like	Reserved for future use.
㉛ Stop	Stop playback.
㉜ Shuffle	Shuffle/repeat playback.
㉝ QuickPlay A-F	Reserved for future use.

* via firmware update

Insert Remote Control Batteries

1. Slide the battery cover in the direction of the arrow until it is completely removed.
2. Insert two AAA/LR03 batteries (1.5V) in the correct +/- polarity.
3. Slide the battery cover back into position.

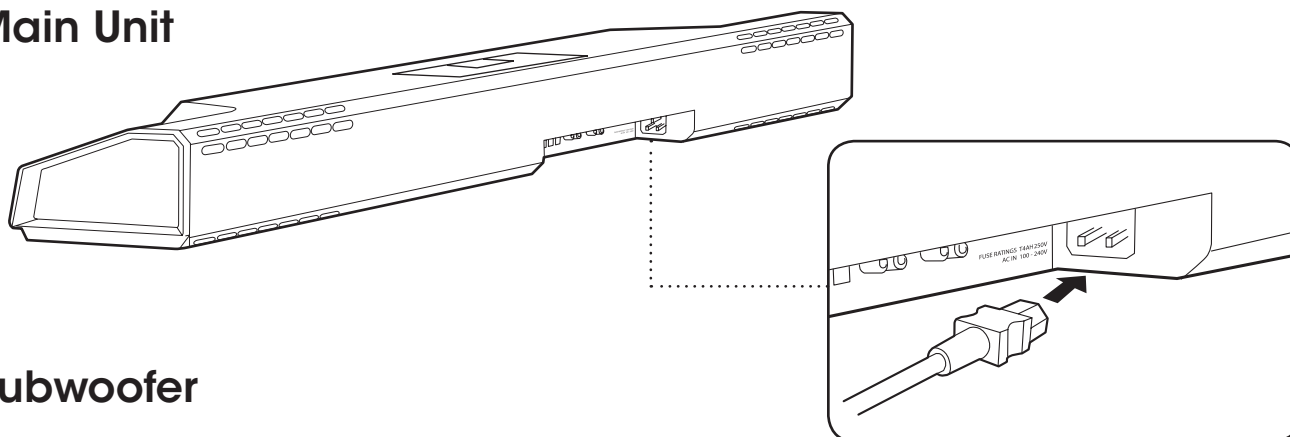


Connecting Electrical Power

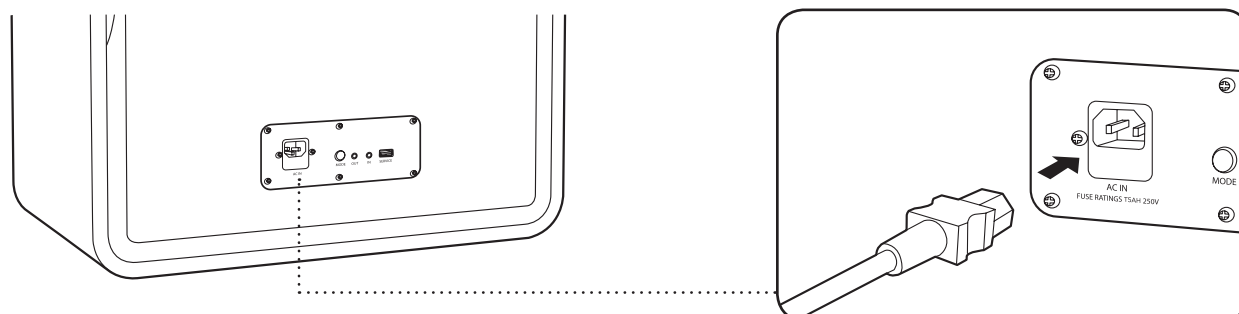
1. Connect the power cords to the main unit and subwoofer. The sockets are located at the back of the units as shown below.
2. Connect the power cords to the mains socket.

For more information about the power supply and power consumption, refer to the respective product label.
(Main Unit : bottom panel, Subwoofer : rear panel)

Main Unit



Subwoofer



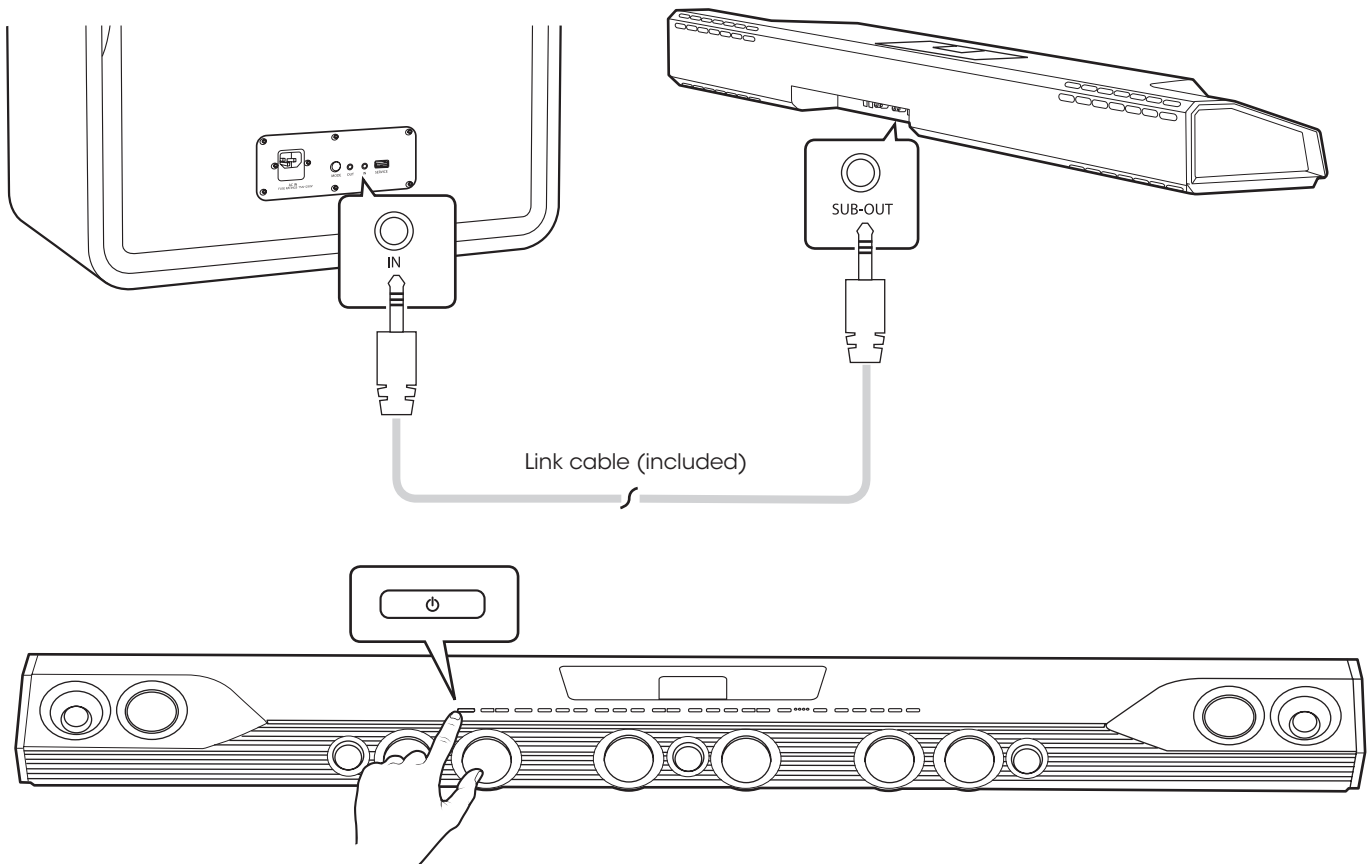
Setting Up the Subwoofer

The Sonic Carrier subwoofer can be connected to the main unit via cable or wirelessly.

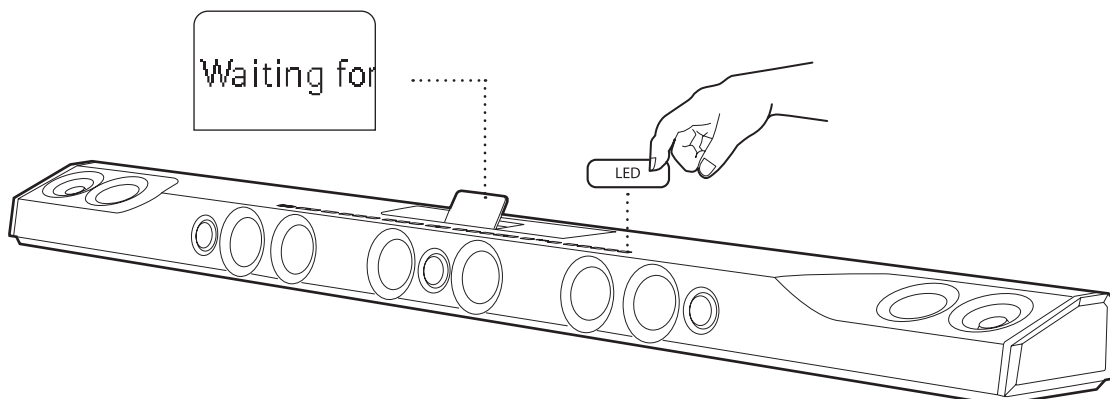
If your installation permits the use of a wired connection, this option will provide the best possible sound, reliability as well as freedom from wireless interference.

To setup the subwoofer with cable or wirelessly, follow the steps below.

1. Place the main unit and subwoofer within 3m (10ft) for the setup process.
2. Connect the link cable (bundled with the subwoofer) to the main unit and the subwoofer.
If you wish to use a wired connection, no further action is required.
3. Ensure mains power is connected and switched on for both main unit and subwoofer.
4. Power on the main unit. The boot up process may take around a minute.



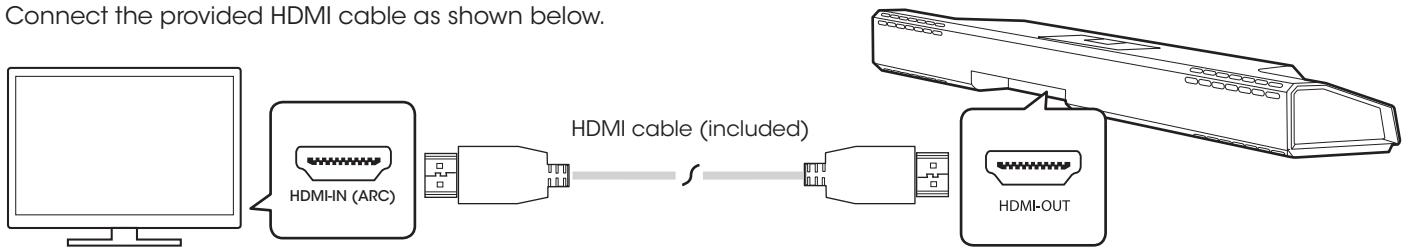
5. Press and hold **LED** button until the main display shows "**Waiting for subwoofer connection**".
Upon successful setup, "**Subwoofer Connected**" will be displayed. The link cable can then be removed.



Connecting Your Sonic Carrier

Connecting Sonic Carrier to your TV

Connect the provided HDMI cable as shown below.



1. The Sonic Carrier supports HDMI audio return channel (ARC). This allows the Sonic Carrier to play back audio from the TV, or audio from sources connected to the TV. For the best audio quality, connect your source devices directly to the Sonic Carrier instead of your TV.
2. Connect the HDMI Out of the Sonic Carrier to the HDMI input of the TV marked with ARC. Typically, only one of the TV HDMI inputs will support ARC. If you can not find an input marked with ARC, please consult your TV user manual.

Note: If your TV does not support HDMI ARC, connect the Optical digital output of the TV to one of the Optical Inputs of the Sonic Carrier, and configure the TV audio output to Optical Out.

3. Once the connection is made as described, your TV should automatically configure itself to output audio to the Sonic Carrier.
4. For certain TVs, you need to manually configure the audio settings to enable ARC. Ensure the Sonic Carrier is powered ON, and connected to the TV while the settings are being configured. These are typically located under the Settings > Audio Settings. The settings should be selected as following
 - TV audio output: HDMI ARC
 - Digital audio format: PCM
 - HDMI-CEC* for audio output: Enable
5. After the setup is complete, press the **HDMI** button on the main unit or remote control and select **"TV ARC"** to output TV audio to the Sonic Carrier.**

* HDMI-CEC

Certain TV brands do not use standard names for the HDMI-CEC:

- | | |
|--|----------------------------------|
| • AOC: E-link | • Runco International: RuncoLink |
| • LG: Simplink | |
| • Mitsubishi: NetCommand for HDMI | • Samsung: Anynet+ |
| • Panasonic: HDAVI Control, EZ-Sync, or VIERA Link | • Sharp: Aquos Link |
| • Philips: EasyLink | • Sony: BRAVIA Sync |
| • Pioneer: Kuro Link | • Toshiba: CE-Link or Regza Link |

** HDMI ARC auto switching

The Sonic Carrier can be set to automatically switch over to TV ARC mode once an ARC request from the TV is detected. To enable:

1. Ensure the Sonic Carrier is powered on and connected to your TV.
2. Press **HOME**  to display the Advanced Android Video Engine home page.
3. Select **Settings** on the top right corner of the home screen using the cursor and OK buttons on the remote control.
4. Select **HDMI**.
5. Set Audio Return Channel (ARC) to **On**.

This option is dependent on the specific HDMI-CEC implementation of your TV. If you encounter issues when auto switching is enabled, disable this setting.



Having difficulty with your setup?

Visit soniccarrier.com/support/troubleshooting for the latest tips and tricks on setting your Sonic Carrier.

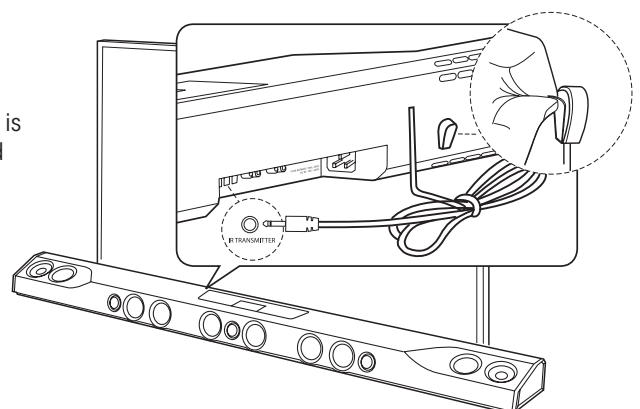
IR Transmitter for TV

If the Sonic Carrier is placed on a console in front of the TV, and it is blocking the IR remote control sensor of the TV, install the bundled IR transmitter.

The IR transmitter should face the TV's IR sensor.

Note:

The Sonic Carrier has to be powered ON or in Standby mode for the IR transmitter to work.



Connecting Your Sonic Carrier

Connecting External Devices

The Sonic Carrier features a wide range of connectivity options. Refer to the following sections to learn about the connection possibilities, required cables and steps to connect.

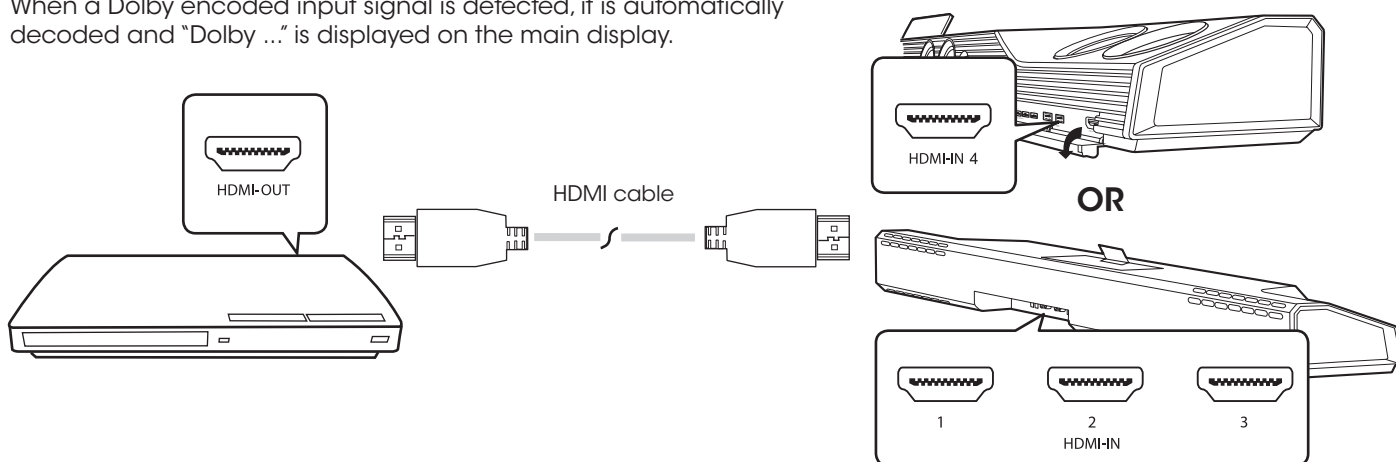
1. HDMI

For the best possible audio quality, please connect all HDMI source devices directly to the Sonic Carrier, instead of the TV (i.e. using HDMI ARC for audio input).

For Wi-Fi equipped dongles such as the Google Chromecast Ultra, we recommend connecting it to HDMI-IN 3 on the back panel to allow more space around the device for the best Wi-Fi reception.

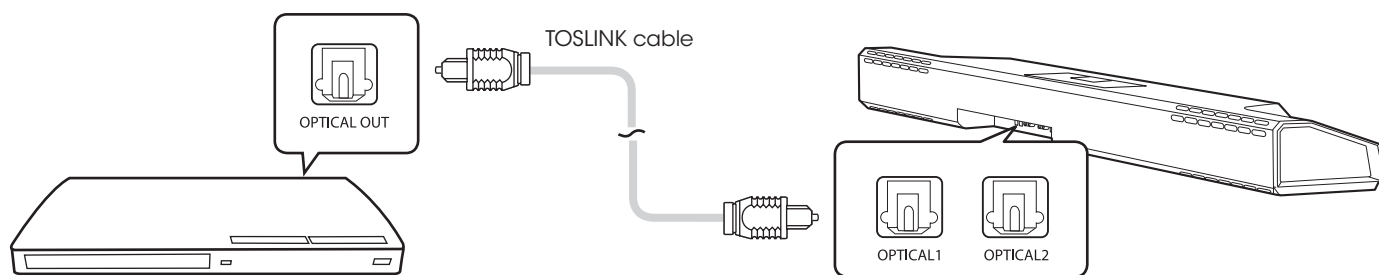
Press **HDMI** to cycle through the available HDMI inputs.

When a Dolby encoded input signal is detected, it is automatically decoded and "Dolby ..." is displayed on the main display.



2. Optical

Two optical digital inputs capable of supporting 24-bit/96kHz PCM audio are available for connection to digital audio source devices and to TV sets without compatible HDMI ARC support.

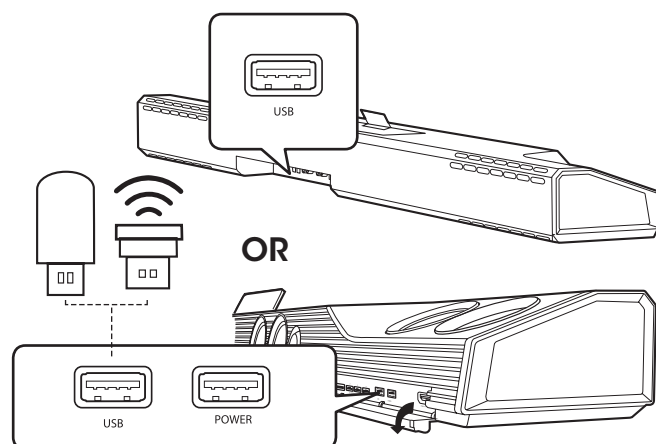


3. USB

Connect USB flash drives, external hard disk drives, wireless keyboard or mouse dongles to the front and rear USB ports.

A wireless keyboard with built-in trackpad, such as Microsoft® All-In-One Media Keyboard, is highly recommended for ease of navigating the Android interface.

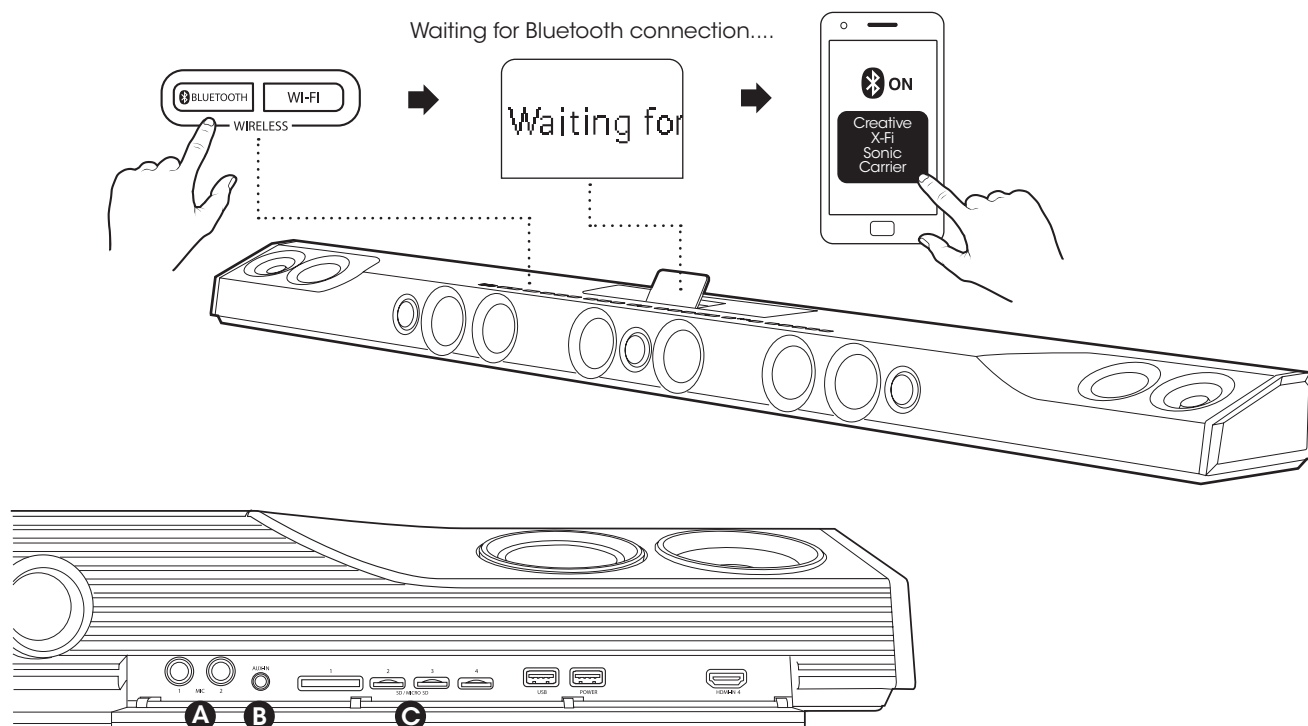
The USB port labeled "POWER" does not support data transfer, but could be used to provide power to devices such as TV sticks (maximum: 5V 2A).



Connecting Your Sonic Carrier

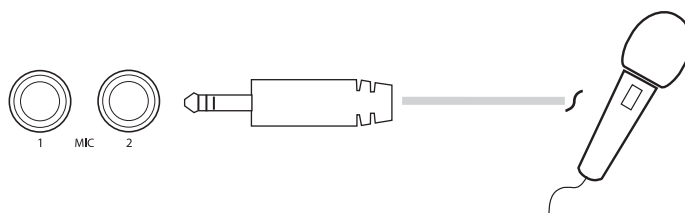
4. Bluetooth

1. Press **BLUETOOTH** on the remote control to switch to Bluetooth mode.
2. Press and hold **BLUETOOTH** until "Waiting for Bluetooth connection" is displayed.
3. Select **Creative X-Fi Sonic Carrier** from the list of discovered Bluetooth devices to pair and connect.



5. Microphone

- A** Connect cardioid type dynamic microphones using a 1/4" stereo plug. Press and hold **MIC** to turn on/off the microphone inputs. (Default: off)



To set the correct microphone level, gradually increase the mic volume from the lowest setting, while the accompanying music is played at the desired level.

If a ringing sound (microphone feedback) occurs, do not increase the mic volume any further; this is the highest possible microphone signal level achievable at your position in the listening environment.

Microphone feedback is produced when the signal from the microphone is amplified, played back through the speakers and picked up again by the microphone.

To reduce acoustic feedback:

1. Change the position and distance of the microphone relative to the Sonic Carrier. The microphone should be pointed away from the Sonic Carrier at all times, and keeping the microphone further from the Sonic Carrier will help prevent feedback.
2. Sing or speak close to the microphone.
3. When not in use, set the microphones down, pointed away from the Sonic Carrier. Then, press and hold **MIC** to turn off the microphone inputs. This will minimize any added noise from the mic inputs for the best possible audio quality.
4. Use a different microphone. Different microphones have different directional and noise/vibration isolation characteristics, providing different results.

Use high-quality microphones (e.g. Shure SM58) with high quality, shielded microphone cables to ensure best results.

6. Analog

- B** Connect any portable device easily using a 3.5mm 3-pole cable. This connector is located behind the front panel flap for your convenience. (Optimized for 1Vrms Input levels)

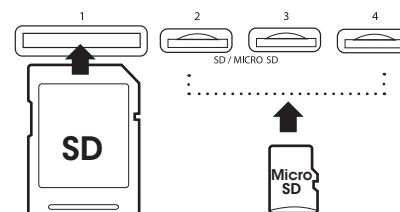


A pair of stereo Line In connectors are located on the back panel. (Optimized for 2Vrms input levels)



7. SD/microSD Cards

- C** Insert an SD or microSD card to playback media directly from the Sonic Carrier.
Press **SD** on the remote control or main unit to select which SD/microSD card to use.
Press and hold **SD** to switch to SD direct music playback mode.



Wi-Fi Setup

Connecting to your Wi-Fi Network

A Wi-Fi connection is required to support the Sonic Carrier app and to perform auto room calibration. Please perform the Wi-Fi setup even if you intent to use Ethernet as the primary network connection

1. Ensure the Sonic Carrier is powered on and connected to your TV.
2. Press **HOME**  to display the Android video engine home screen.
3. Select  **Settings** on the top right corner of the home screen using the **cursor** and **OK** buttons on the remote control.
4. Select  .
5. Select the desired Wi-Fi network* to connect to, enter the password and click **Connect**.
If the network connection is unsuccessful, please ensure that WPA/WPA2 encryption is used. This could be checked and configured on your router.

* Add the Sonic Carrier to the same Wi-Fi network as your phone, tablet or PC.

Wi-Fi Audio and Video

Once connected, select **Wi-Fi** to enjoy high quality audio over DLNA or from your mobile device using the X-Fi Cast app, or press **HOME**  to access the Android Video Engine.

Mobile Apps

Download Sonic Carrier Apps

Sonic Carrier

Gain full control over your Sonic Carrier and enhance your listening experience with professionally tuned presets and customizable sound controls. The Sonic Carrier App also features intelligent room calibration that automatically adjust the Sonic Carrier for the best possible sound.

X-Fi Cast

Stream music losslessly from your mobile device's music library to the Sonic Carrier over Wi-Fi.

Search for "Sonic Carrier" and "X-Fi Cast" on the App Store or Google Play.

Note:

For apps to work, your mobile device must be connected to the same Wi-Fi network as your Sonic Carrier.



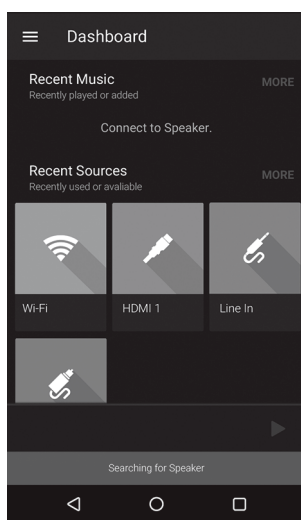
Performing Room Calibration

Before performing room calibration, please ensure that:

- The subwoofer has been connected to the Sonic Carrier main unit, and that they are both powered on.
- Both the Sonic Carrier main unit and subwoofer are set up at the desired location.
- The Wi-Fi setup has been completed and the Sonic Carrier is connected to the same Wi-Fi network as your mobile device.

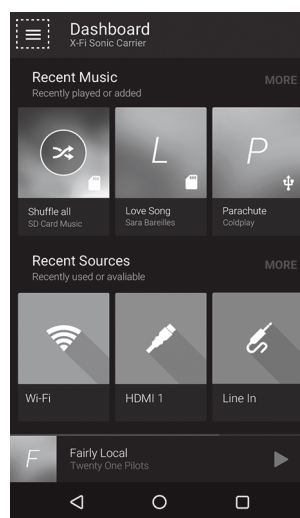
Once the above has been checked, do the following:

1. Press **HOME**  to view the Advanced Android Video Engine.
2. **If there is a red dot on the  Settings icon of the home page**
An updated Sonic Carrier Home firmware is available. Select  **Settings** and the subsequent menu items demarcated with red dots to download and install the latest Sonic Carrier Home firmware.
3. Ensure the X-Fi feature is disabled.
4. Press the **Wi-Fi** button on the remote control to switch to Wi-Fi mode. Ensure the Sonic Carrier is connected to the same Wi-Fi network as your mobile device.
5. Launch the Sonic Carrier mobile app.

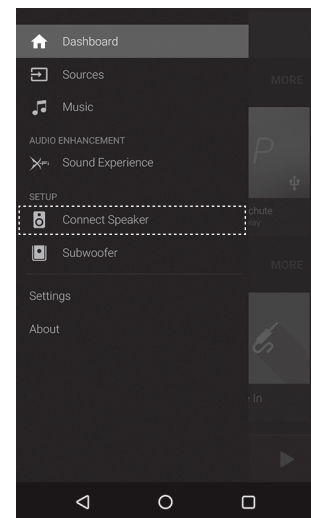


It may take a moment for the app to discover the Sonic Carrier on your network, especially if you're launching the app for the first time.

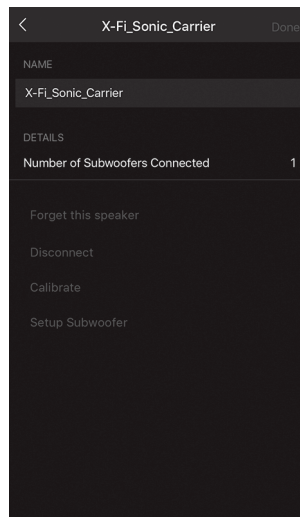
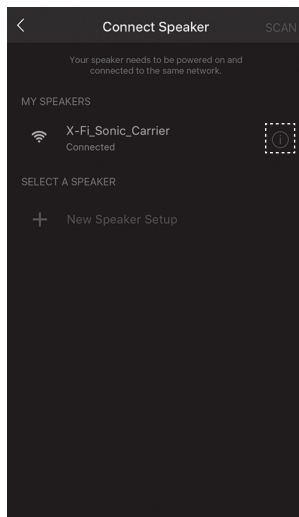
After the Sonic Carrier has been found, the blue bar at the bottom will disappear and the screen should look like the next image.



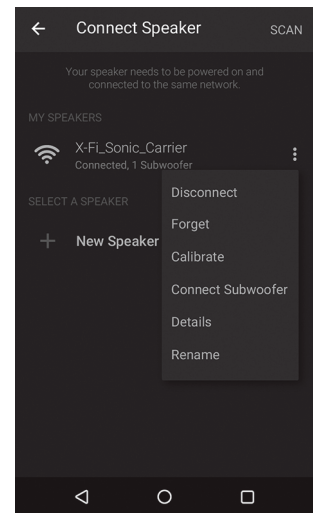
Select the menu on the top left corner



Select **Connect Speaker**

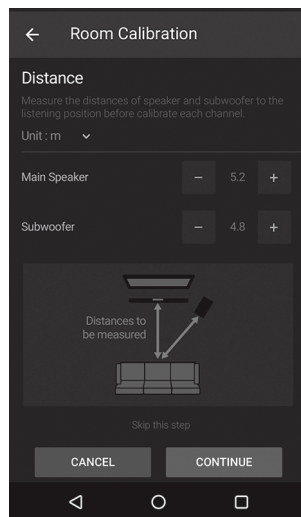


OR

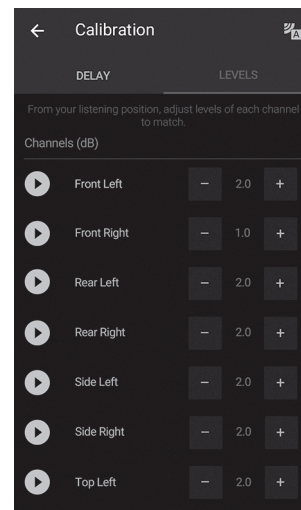


Your Sonic Carrier should be shown on this page. Select it and it will appear under "My Speakers".
Next, select  for iOS, or  for Android.

Select **Calibrate**



Follow on the onscreen instructions to complete the calibration.



When the calibration is complete, a list of the calibrated volume levels will be shown.

While the calibrated levels are objectively correct for your setup, you might prefer a different balance from the calibrated results.

Example:

To increase the amount of surround sound, you may want to increase the side left and side right levels. Often, small 0.5dB adjustments will yield significantly different results, so increase or decrease the levels in small steps. The following table gives a few examples of which parameters to adjust, and how to adjust in order to obtain the sound you want.

Desired sound	What to adjust	Increase/Decrease?
Clearer, more prominent dialog	Center	Increase
Less forward dialog	Center	Decrease
More surround sound	Side Left and Side Right	Increase
More height information (for Dolby Atmos encoded content)	Top Left and Top Right	Increase
More bass	Subwoofer	Increase
Less bass	Subwoofer	Decrease

Specifications

Main Unit

DIMENSIONS AND WEIGHT

Product name : CREATIVE X-FI SONIC CARRIER

Model number : MF8235

Input rating : 100-240V ~ 50/60Hz 120W

Operating temperature range : 0°C to 45°C

Dimensions (L x W x H) : 1521 x 151 x 96mm (59.9" x 5.9" x 3.8")

Weight : 16kg (35.3 lbs)

ELECTRONIC AND ACOUSTIC SPECIFICATIONS

- Amplifier type : Class D
- System power : 1000W RMS, 2000W peak
- Main unit : 400W RMS, 800W peak
- Subwoofer : 600W RMS, 1200W peak

ANDROID VIDEO PLAYBACK ENGINE

- Quad-core 64-bit high performance ARM Cortex A-53 with NEON processor 2GHz
- Mali T720 GPU with OPENGL ES3.1 support
- 2GB RAM, 16GB built-in flash storage
- Supports 4K 60fps video playback
- Supports H.265/HEVC codec

DRIVERS AND ACOUSTICS

- Five 1" coated aluminum alloy tweeters, capable of 40kHz high frequency reproduction
- Eight 2.75" aluminum-magnesium alloy midbass drivers with individually sealed enclosures
- Two 2.25" aluminum-magnesium alloy full-range drivers for surround channel reproduction with individually sealed enclosures

CONNECTIVITY

- Bluetooth
 - Bluetooth codec : aptX®, aptX Low Latency, AAC, SBC
 - Bluetooth profiles and features : A2DP receiver for audio playback on Sonic Carrier, A2DP transmission for audio playback on Bluetooth headphones, AVRCP (Bluetooth remote control)
 - Bluetooth operating range : Up to 10m (33ft), measured in open space
 - Bluetooth (Audio Playback)
 - Bluetooth version : 4.1
 - Operating Frequency : 2402-2480MHz
 - RF Output Power : <4dBm
 - Bluetooth (Android Video Engine)
 - Bluetooth version : 4.0+EDR
 - Operating Frequency : 2402-2480MHz
 - RF Output Power : <4dBm
- Wi-Fi 2.4GHz
 - 802.11b/g/n
 - Security type : WPA2-PSK (AES)
 - Operating Frequency : 2412-2464MHz
 - RF Output Power : <20dBm
- Wi-Fi 5GHz
 - 802.11a/n/ac
 - Security type : WPA2-PSK (AES)
 - Operating Frequency : 5180-5825MHz
 - RF Output Power : <18dBm
- Wireless audio link
 - Supports up to 4 wireless subwoofers
 - Operating Frequency : 2412-2464MHz
 - RF Output Power : <17dBm
 - Operating Frequency : 5736-5814MHz
 - RF Output Power : <10dBm
 - Operating range : Up to 10m (33ft), measured in open space

- Line level input : Stereo 2Vrms analog RCA connectors
- Line level output : Stereo 2Vrms analog RCA connectors
- Auxiliary input : Stereo 1Vrms analog 3.5mm connector
- Microphone inputs : 2 x 1/4" microphone connector supporting most dynamic microphones
- USB host : 2 x USB 2.0 type A connector for USB flash drives, HDDs, keyboard, mouse
- USB power : USB type A connector for providing power to peripheral devices (Rated 5V 2A)
- SD card slots : 1 x SD card slot, 3 x microSD card slots (FAT 32 and NTFS)
- HDMI inputs : 4 x HDMI 2.0a with HDCP 2.2
- HDMI output : 1 x HDMI 2.0a with HDCP 2.2 and ARC
- Optical inputs : 2 x TOSLINK supporting up to 24Bit/96Khz
- Ethernet : 1 x Gigabit Ethernet
- Decoder support : Dolby Atmos, Dolby TrueHD, Dolby Digital Plus, DTS:X upgradeable via firmware update

Subwoofer

DIMENSIONS AND WEIGHT

Product name : CREATIVE X-FI SONIC CARRIER SUBWOOFER

Model Number : MF8240

Output Power : 600W

Input rating : 100 - 240V ~ 50/60Hz 120W

Operating temperature range : 0°C to 45°C

Dimensions (L x W x H) : 531 x 306 x 582mm (20.9" x 12.0" x 22.9")

Weight : 27kg (59.5 lbs)

CONNECTIVITY

Wireless audio link

- Operating Frequency: 2412-2464MHz
- RF Output Power: <17dBm
- Operating Frequency: 5736-5814MHz
- RF Output Power: <10dBm

Wireless performance is dependent on your device's Bluetooth or Wi-Fi wireless technology. Refer to your device manufacturer's manual. Creative will not be liable for any loss of data or leakages resulting from the use of these devices.

Walls and structures may also affect range of device.

Specifications and features are subject to change without notice.

Product Registration

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

Other Information

Supplementary documentation for this product includes a DoC and safety and regulatory information. These documents can be downloaded on the www.creative.com/support site.

Keep this document for future reference.

Creative X-Fi Sonic Carrier - Limited Hardware Warranty

Creative Labs Pte Ltd and its affiliates ("Creative") warrants that the retail purchased Creative-branded hardware product herein ("Product") is free of material defects in materials and workmanship ("Defect(s)") that result in Product failure during normal consumer usage for the Warranty Period, according to the following terms and conditions:

1. This limited hardware warranty extends only to the original end-user purchaser and holder of this warranty ("You" or "Your") and is not transferable or assignable to any subsequent purchaser.
2. You must provide proof of original purchase of the Product by a dated itemized receipt to be eligible for this limited warranty.
3. The limited warranty is ONLY applicable in the country or territory where the Product was purchased from an authorized retailer/reseller and excludes any product that has not been purchased as new or is obtained as a result of the purchase of a non-Creative product.
4. If a Defect arises and a valid claim is received during the Warranty Period (as provided below), Creative will at its sole option, service the Product at no charge using new or refurbished replacement parts at our sole discretion. Please note that:
 - a. The limited warranty for the Product is for twenty-four (24) months (excluding all wear and tear), subject to certain exceptions as stated in the EU Directive 1999/44/EC** from the date of delivery ("Warranty Period"). The Warranty Period will be extended by each whole day that the Product is out of Your possession for repair under this warranty.
 - b. Creative will cover the labor charges incurred by Creative in repairing or replacing the defective parts during the Warranty Period from the date of your purchase.
 - c. You will not have to pay for any such replacement parts.
 - d. Creative also warrants that the repaired or replaced parts will be free from defects in material and workmanship for the remainder of the Warranty Period.
 - e. For the limited warranty of the Product's Liquid Crystal Display, please refer to the Creative Support Web Page at www.creative.com/support.
5. This warranty gives You specific legal rights. You may also have other rights, which vary from state to state and country to country. The terms of this warranty do not exclude such rights or limit them. Your statutory rights are unaffected. Some states and countries do not allow (i) exclusions of, or limitations on, certain liabilities or warranties, including but not limited to how long a warranty lasts, the exclusion or limitation of incidental or consequential damages, or the exclusion of liability for injury (including death) caused by negligence, (ii) the inclusions of certain asymmetrical terms in warranties, or (iii) the expiration of all legal claims after a fixed time, so certain of the above limitations, exclusions or asymmetrical terms may not apply to You depending on the relevant jurisdiction. If adjudged invalid, such term(s) would be severable without affecting the validity of the other terms.
6. Creative does not warrant uninterrupted or error-free operation of the Product. Creative is not responsible for damage arising from failure to follow all or any instructions relating to the Product's use. Creative is not under any obligation to support the Product for all operating environments, including but not limited to, interoperability with both current and future versions of software or hardware.
7. For Products that are capable of storing data: Creative is not responsible or liable for any data stored on the Product that is lost, deleted or becomes otherwise inaccessible. All data may be deleted from the Product during servicing. You should remove or make a backup copy of any data stored on the Product before sending the Product to Creative.
8. If a problem develops during the Warranty Period, please refer to www.creative.com/support or contact Your retailer/reseller. Please note that: (i) You must provide proof of original purchase of the Product by a dated itemized receipt; (ii) You shall bear the cost of shipping (or otherwise transporting) the Product to Creative. Creative will bear the cost of shipping (or otherwise transporting) the Product back to You after completing the warranty service; (iii) Before You send the Product to Creative, You must be issued a Return Merchandise Authorisation ("RMA") number from www.creative.com/support. Clearly write the RMA number on the outside of the package containing the Product being sent to Creative. Creative will not accept a return that does not have a RMA number on the outer packaging; and (iv) You can only return the defective Product(s) not excluded under Section 9 below. Creative is not responsible for other products or accessories returned with the defective Product(s). Creative reserves the right to change the method by which Creative may provide warranty service to you, and your Product's eligibility to receive a particular method of service. Service will be limited to the options available in the country where service is requested. Service options, parts availability and response times may vary according to country. For further details on Creative Warranty terms, Product returns and repair procedure, Creative customer support services and contact information, please refer to the support section of Creative's web site at www.creative.com/support.
9. The limited warranty does not apply to:
 - a. Consumable parts, such as batteries or protective coatings that, due to their nature, tend to diminish over time, unless failure has occurred due to a defect in materials or workmanship;
 - b. Damage caused by normal wear and tear, abnormal use or conditions, misuse, neglect, abuse, accident, improper handling or storage, defects or damages resulting from service, testing, adjustment, installation, maintenance, alteration, including without limitation, software changes, or modification in any way by someone other than Creative or its authorised service centres, improper use of any electrical source, undue physical or electrical stress, operator error, non-compliance with instructions or other acts which are not the fault of Creative, including damage or loss during shipment or transit.
 - c. Damage from external causes such as floods, storms, fires, sand, dirt, earthquakes, an Act of God, exposure to sunlight, weather, moisture, heat, vibration or corrosive environments, electrical surges, battery leakage, theft, or damage caused by the connection to other products not recommended for interconnection.
 - d. Damage or loss of data due to (i) interoperability with either or both current and future versions of operating systems or other current or future software and hardware, (ii) a computer virus, worm, spyware, Trojan horse or memory content corruption, or (iii) malfunction or defect of the Product.
 - e. Counterfeit products/parts or any accompanying products/parts that are incompatible with the Product.
 - f. Any Product that: (i) has had its serial number altered, defaced or removed; (ii) shows evidence of tampering; (iii) mismatched board serial numbers; or (iv) has non-conforming or non-Creative housing or casing.
 - g. Any accessories including but not limited to disposable alkaline batteries, removable fuses, screen protectors, plugs and pouches.
 - h. Any defect occurring after the expiration of the Warranty Period or where Creative was not advised in writing of an alleged defect or malfunction within seven (7) days after the expiration of the Warranty Period.
10. Any Product determined by Creative to be warranty-expired, warranty-void or not in need of repair will be subject to a minimum non-refundable diagnostic and handling fee. In the event that You fail to make the payment, Creative may, at its sole discretion, dispose of the Product without notice and liability to You.
11. Subject to any non-excludable limit under applicable law, the maximum liability under this limited warranty is the original price paid for the Product (excluding any shipping and additional charges). Creative and its affiliated companies will not be liable for any other losses or damage unless liability is non-excludable under applicable law. The remedy stated is Your exclusive remedy for breach of warranty. Any action or lawsuit for breach of this limited warranty must be commenced within eighteen (18) months following the original purchase of the Product or within the limitation period under applicable law.
12. IN SO FAR AS PERMITTED BY LAW, THE PRODUCT AND THE SERVICED PRODUCT IS PROVIDED "AS IS". TO THE EXTENT PERMITTED BY APPLICABLE LAW, CREATIVE AND ITS AFFILIATED COMPANIES HEREBY DISCLAIM THE APPLICABILITY OF ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR USE FOR THE PRODUCT AND/OR THE SERVICED PRODUCT. CREATIVE AND ITS AFFILIATED COMPANIES WILL NOT BE LIABLE FOR ANY INDIRECT, INCIDENTAL, SPECIAL, PUNITIVE OR CONSEQUENTIAL DAMAGES, INCLUDING BUT NOT LIMITED TO ANY LOST PROFITS, SAVINGS, DATA, OR LOSS OF USE, ANY THIRD PARTY CLAIMS, AND ANY INJURY TO PROPERTY OR BODILY INJURY (INCLUDING DEATH) TO ANY PERSON, ARISING FROM OR RELATING TO THE USE OF THE PRODUCT OR ARISING FROM BREACH OF THE WARRANTY, BREACH OF CONTRACT, NEGLIGENCE, TORT, OR STRICT LIABILITY, EVEN IF CREATIVE OR ANY OF ITS AFFILIATED COMPANIES HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.
13. For Australia only: Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. Goods presented for repair may be replaced by refurbished goods of the same type rather than being repaired. Refurbished parts may be used to repair the goods. (Creative Technology Ltd, 31 International Business Park, #03-01 Creative Resource, Singapore 609921. Telephone: +65 6895 4433 (standard international call charges apply).)
14. This is the entire warranty and supersedes all prior and contemporaneous agreements or understandings, oral or written, relating to warranty coverage for the Product, and no representation, promise or condition not contained herein will modify these terms.
15. Update(s) of this Limited Hardware Warranty may be posted at www.creative.com/support. An Update will replace any earlier version upon posting on the web site. You are advised to check for Update(s).

** A seller in the European Union (EU) may be entitled to refuse to repair or replace the goods if it is (i) impossible or (ii) disproportionate (eg. where the costs are unreasonably high for the seller) to do so, taking into account the value the goods would have had (if there were no lack of conformity), the significance of the lack of conformity and where an alternative remedy would be completed without significant inconvenience to the consumer. In such cases, the consumer may ask for an appropriate reduction of the price or have the contract rescinded. The consumer is not entitled to have the contract rescinded if the lack of conformity (or defect or fault) is minor. In which case, the seller is entitled to turn down a request for rescission of the contract in such a situation. For further details, please refer to Articles 3(3), 3(5) and 3(6) of the EU Directive 1999/44/EC.

Appendix - Wall Mounting the Main Unit

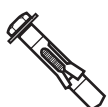


WARNING!

Improper installation could lead to damage of the wall and equipment, and might lead to injury. The following information does not constitute a complete set of wall mounting instruction, and are provided for use by qualified installers only.

Preparation Materials

Concrete wall



M5 Screw
x8



Lock washer
x8



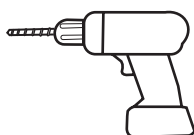
Plain washer
x8



Screwdriver

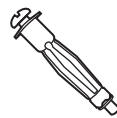


Hammer



Hand drill

Hollow & Drywall



Cavity anchor
x8



Lock washer
x8



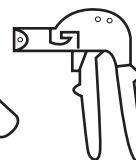
Plain washer
x8



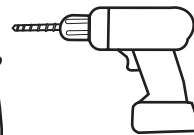
Screwdriver



Hammer



Cavity anchor
application

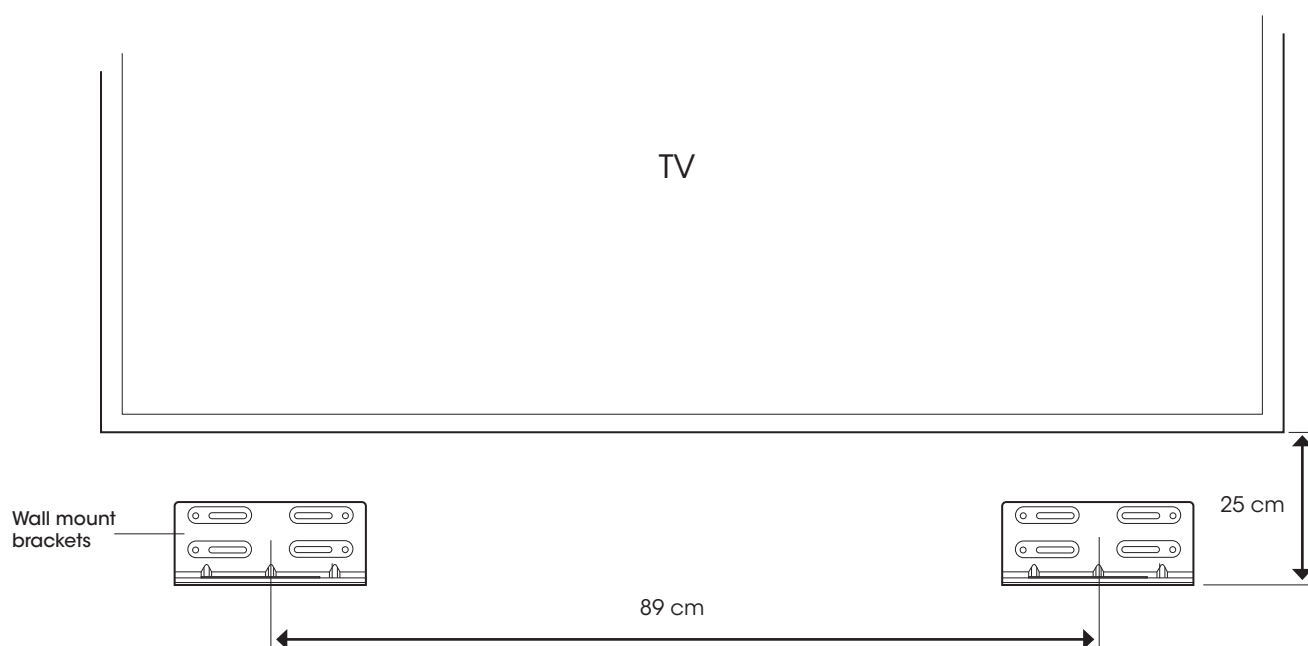


Hand drill

* Screw and wall plugs are not supplied for mounting the unit.

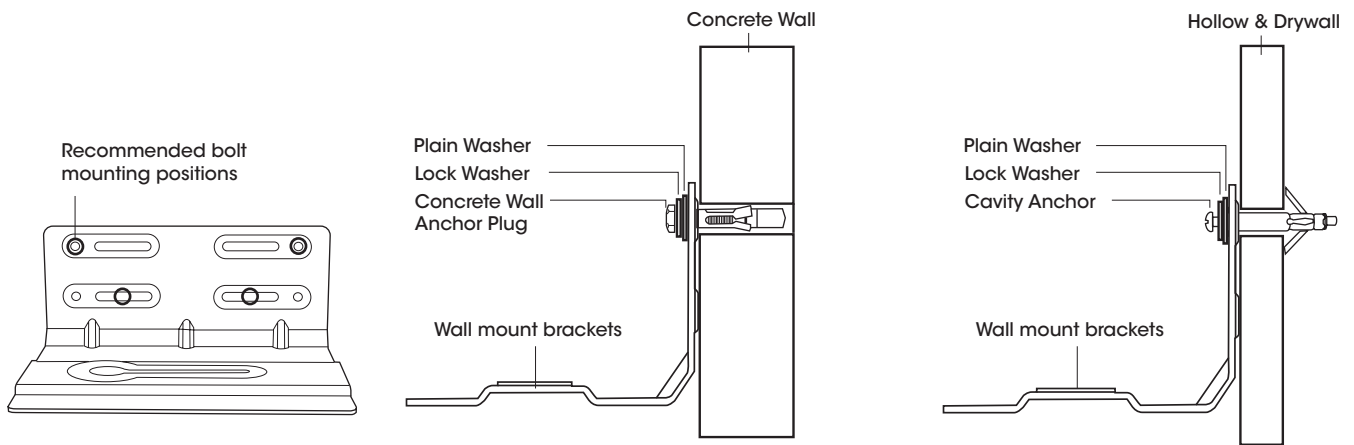
Wall Mounting the Main Unit

1. Determine the mounting position of the Sonic Carrier main unit.
Ensure that it is properly centered relative to the TV and leveled horizontally.



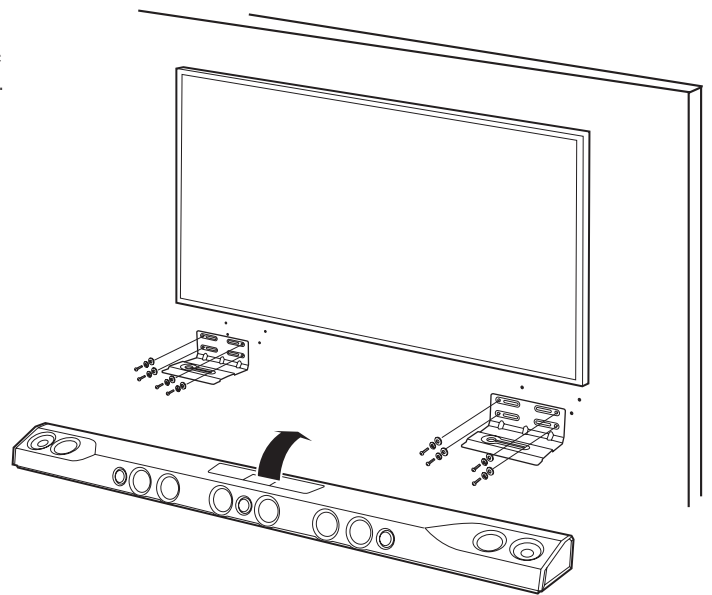
Wall Mounting the Main Unit

2. Note and mark out the recommended bolt locations.
Ensure that they do not intersect with buried pipes, conduits or cabling within the wall.

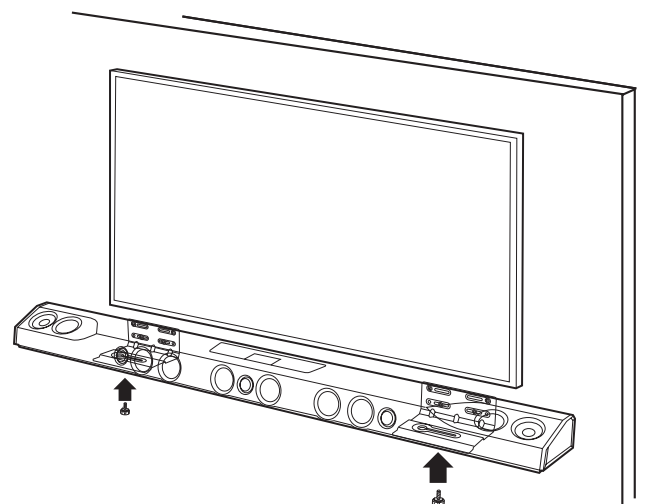


CAUTION:
Ensure that the wall is able to bear the weight of the Sonic Carrier with adequate safety margins before proceeding.

3. Drill according to the marked bolt locations.
4. Fasten the wall mount brackets using the appropriate materials as shown above.



5. Place and center the Sonic Carrier main unit on the wall mount brackets and attach the thumbscrews.



CREATIVE®

soniccarrier.com

Complies with
IMDA Standards
DA107311

HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

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PN 03MF823500000 RevB