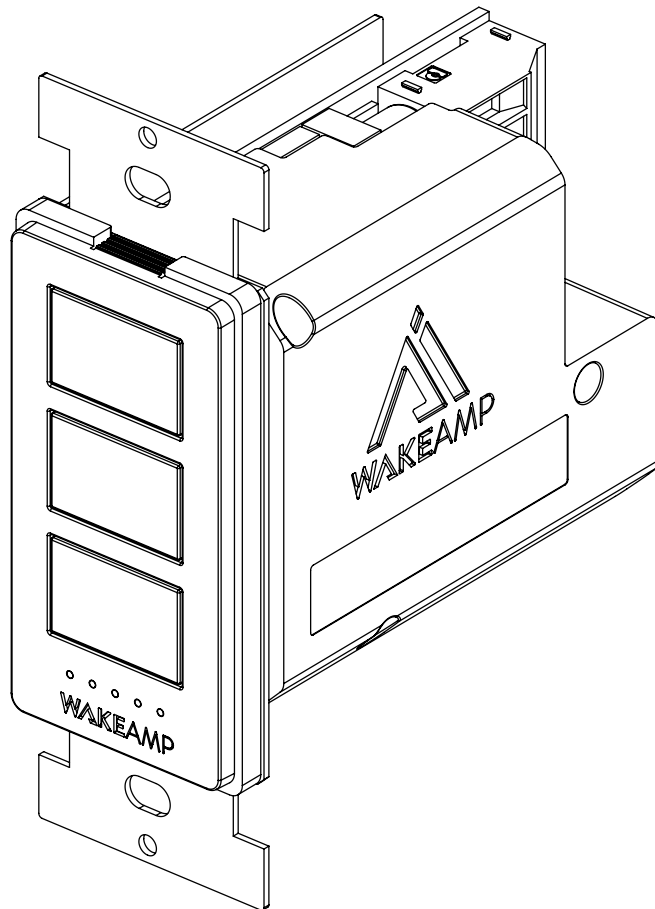




EA-WAKE-2D

WAKE Amp



Owner's Manual

Introduction

Thank you for purchasing Episode® Electronics. To complete installation, follow these guidelines. Visit our website for design recommendations and speaker calculators.

Contents

- 1× WAKE Amp
- 2× Junction box screws
- 1× Face plate
- 2× Faceplate screws
- 1× Power supply
- 1× Power supply adapter

Selecting Wire

- The WAKE Amp can accommodate 14- to 22- gauge speaker wire. The longer your run, the thicker the wire should be.
- All in-wall and in-ceiling wire installations are subject to local code fire ratings. Never use lamp or zip cord for an installation where the wire will be in a wall or ceiling.
- Always use multi-strand copper speaker wire for your installations.
- UV protected wire should be used for outdoor installations.
- Check your local building and fire rating codes for low voltage device installation & wiring requirements before you begin your installation.
- In existing construction installations, check for obstructions such as any pipes, conduit or wiring before cutting into drywall.

Selecting a Junction Box

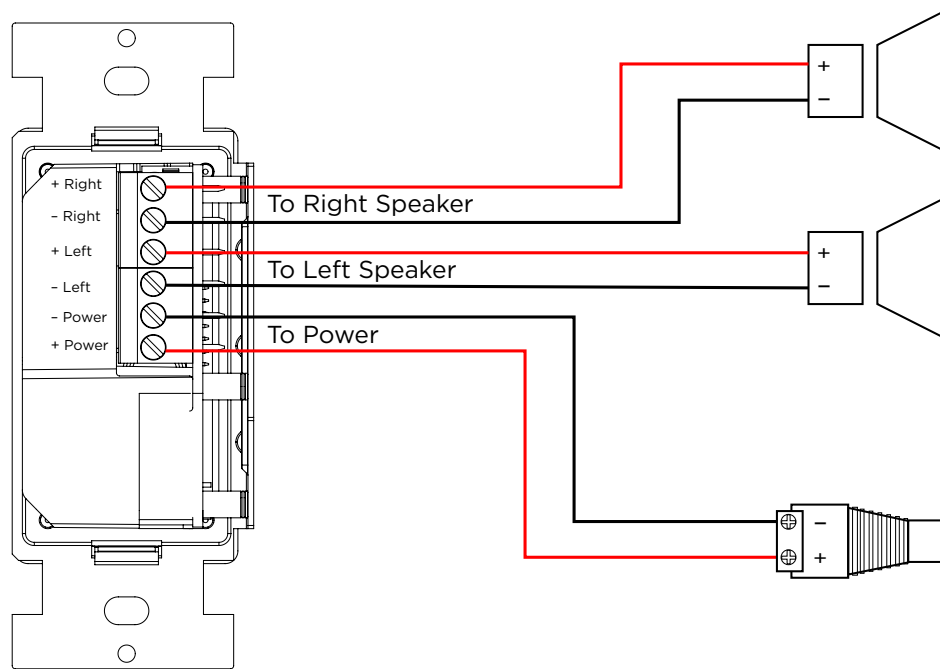
The WAKE Amp is compatible with backless single-gang plastic back boxes, with a depth of 3.25".

Caution: Do not use a metal back box as it significantly impacts Bluetooth performance and range.

Getting Connected

1. Strip back 1/4" of insulation from each wire that is to be connected to the amplifier. Twist the exposed conductors tightly so there are no stray strands.
2. Connect the wires going to each speaker making sure to maintain proper polarity.

Warning: Do not connect the power supply to AC power while wiring the WAKE Amp.



3. Once all the conductors are inserted into the connectors, visually inspect each of your connections to ensure that there are no stray strands or exposed wire that could cause a short. Make sure that the connection is tightened down on bare wire and not insulation.

Caution: Reversing or swapping the power and speaker connections can damage the amplifier or speakers and is not covered under warranty.

4. Install the amplifier in the junction box using the provided junction box screws. Be careful not to force the amplifier into the box, as this may cause the connections to become loose.
5. Place the wall plate over the WAKE Amp, then insert and tighten the short faceplate screws until the cover is tight and flush with the wall.
6. Use the supplied adapter to connect the amp to the power supply.

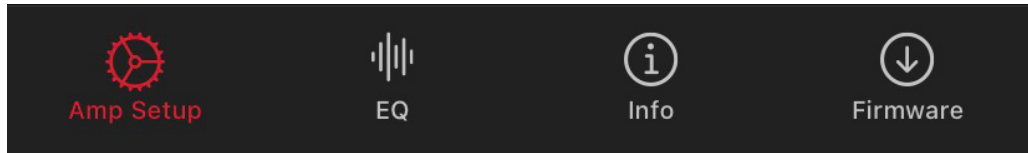
Configuring the WAKE Amp

To configure the WAKE Amp, download the WAKE Amp mobile app from the Apple App Store or Google Play store.

The app automatically searches for available WAKE Amps. Tap the discovered WAKE Amp and the **Amp Setup** page appears.

Pro Tip: Configure one WAKE Amp at a time to easily identify each device.

Tap the icons along the bottom of the page to navigate through configuration options.



To disconnect from a WAKE Amp, tap the overflow icon (⋮), in the upper right corner and tap the **Disconnect** button.

Amp Setup Tab

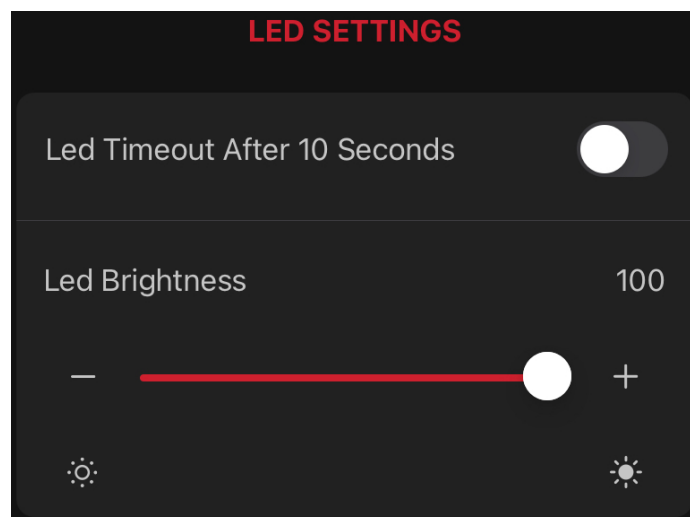
LED Settings

LED Timeout After 10 Seconds.

Toggle on for the LEDs to turn off after 10 seconds of inactivity.

LED Brightness.

Use the slider to adjust the brightness of the LEDs.



Keypad Volume Settings

Keypad Controls Volume

Selecting this feature allows the volume to be controlled by the WAKE Amp's buttons and the music source.

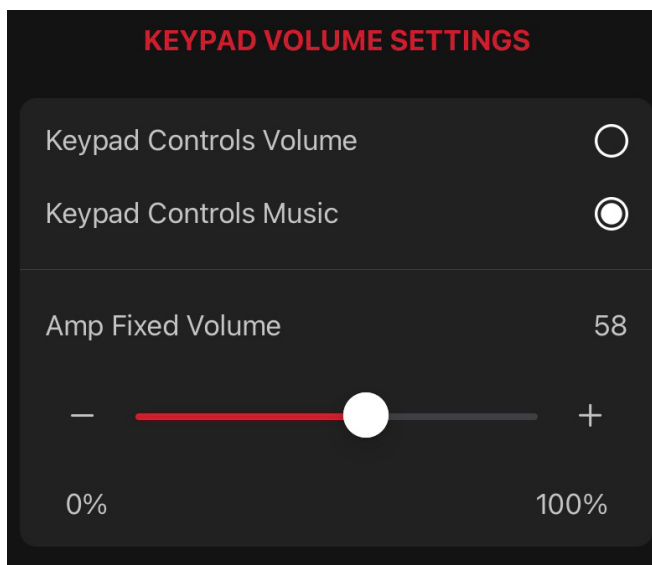
Pro Tip: If you experience low output when the WAKE Amp is at a reasonable volume, verify the source volume is not too low.

Keypad Controls Music.

Selecting this feature sets the WAKE Amp's volume to a fixed level, and the volume can only be adjusted by the source.

When selected, the WAKE Amp's front panel buttons can track forward/back and play/pause. See "Button and LED Behavior" on page 9, for more information.

Pro Tip: If you experience low output when the source is at a reasonable volume, make sure the **Amp Fixed Volume** is set to 75 or higher.



Amp Fixed Volume.

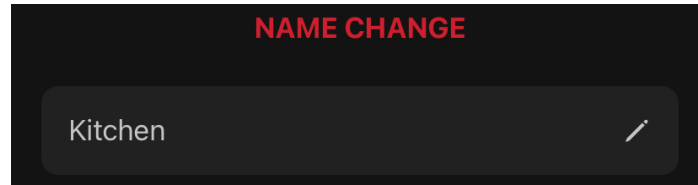
Only available when Keypad Controls Music is selected. Sets a fixed amplifier level for use when volume is being adjusted at the source.

Pro Tip: To optimize the output level without overdriving the amplifier, set the source volume to its maximum level until you hear clipping or distortion. Then, reduce the Amp Fixed Volume slider until you no longer hear distortion.

Name Change

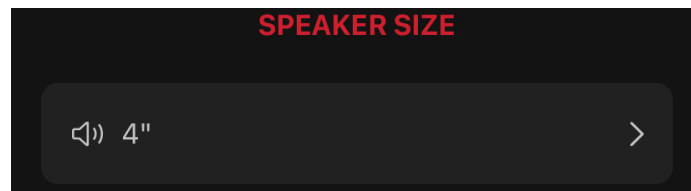
Tap the pencil icon to change the name of the selected WAKE Amp.

Pro Tip: The name you enter is how the WAKE Amp appears in the Bluetooth menu of the source device, so its best to name the WAKE Amp after the location it's installed.



Speaker Size

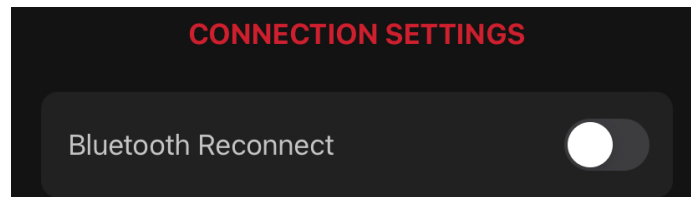
This setting tunes the WAKE Amp's frequency response output to the size of the connected speakers. Tap the menu to select the size that is closest to the size of the woofer on the connected speakers.



Note: The options given are optimized for architectural speakers. Select 8" for larger bookshelf and floor-standing speakers to ensure a full range output from the WAKE Amp, regardless of the actual woofer size.

Bluetooth Reconnect

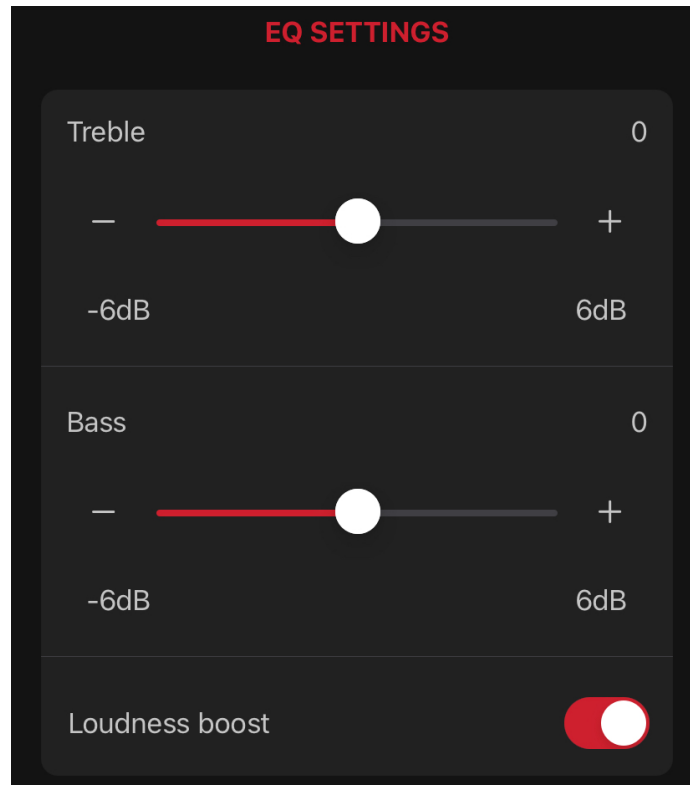
Toggle on to have the WAKE Amp try to automatically reconnect to its paired Bluetooth device.



If toggled off, the WAKE Amp automatically enters Bluetooth Pairing mode after disconnecting from a paired device.

EQ Tab

The EQ tab includes **Treble** and **Bass** adjustments.



Loudness boost is a dynamic EQ boost to both bass and treble when the amp is at lower volumes. This feature makes the speakers sound more dynamic at lower volumes without coloring the speaker at higher volumes.

Info Tab


The Info tab displays the WAKE Amp's current firmware version and a link to the device manual.

Firmware Tab

The firmware tab checks for new firmware versions. Tap the **Update** button to push firmware updates via Bluetooth.

Pro Tip: The firmware update process uses Bluetooth to transfer the firmware file from the mobile device to the WAKE Amp. This process can take up to 20 minutes. To reduce file transfer time keep the mobile device close to the WAKE Amp.

Pairing Your Bluetooth Device To The WAKE Amp

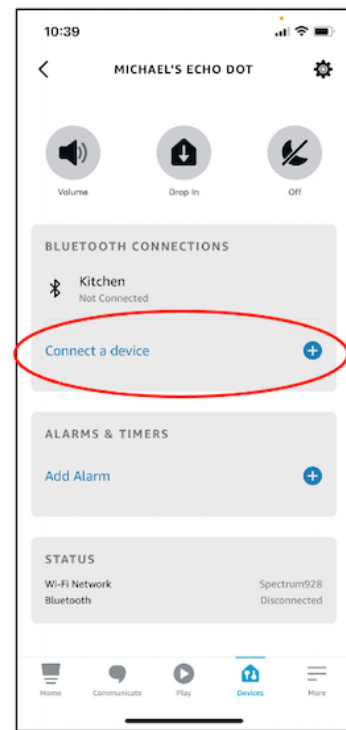
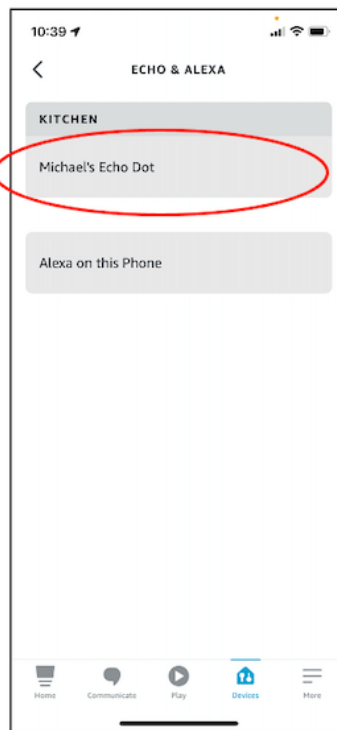
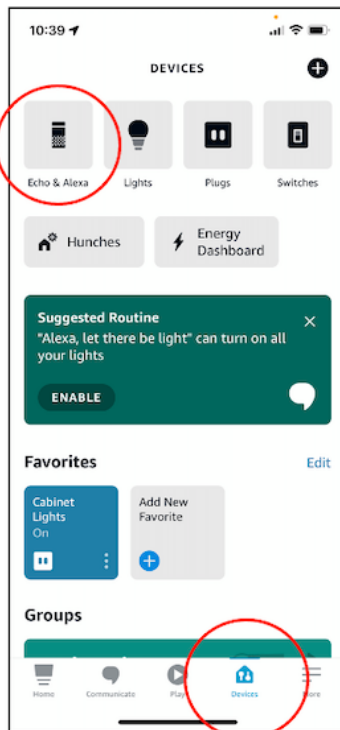
Press and hold the WAKE Amp's  button for 5 seconds to enter pairing mode. LEDs 1-5 start to run from left to right and the WAKE Amp's name appears in the **Discoverable** list of the device you're pairing it to.


The WAKE Amp may appear twice in some devices' Discoverable list: once as a traditional audio Bluetooth connection, and again as a Bluetooth low energy data connection (LE_WAKE), used for communication with the mobile app. Be sure to connect to the WAKE Amp's audio device connection, which appears as the name given to the WAKE Amp. If the name is left unchanged, it appears as **WAKE AMP**.

Pro Tip: Wireless devices may be susceptible to RF interference from other devices. To reduce potential interference and maximize wireless performance, check the proximity to other wireless devices and relocate them accordingly. Signal interference created by microwave ovens, ceiling fans, or other appliances subsides when those devices are not in use.

How to Pair an Alexa Device

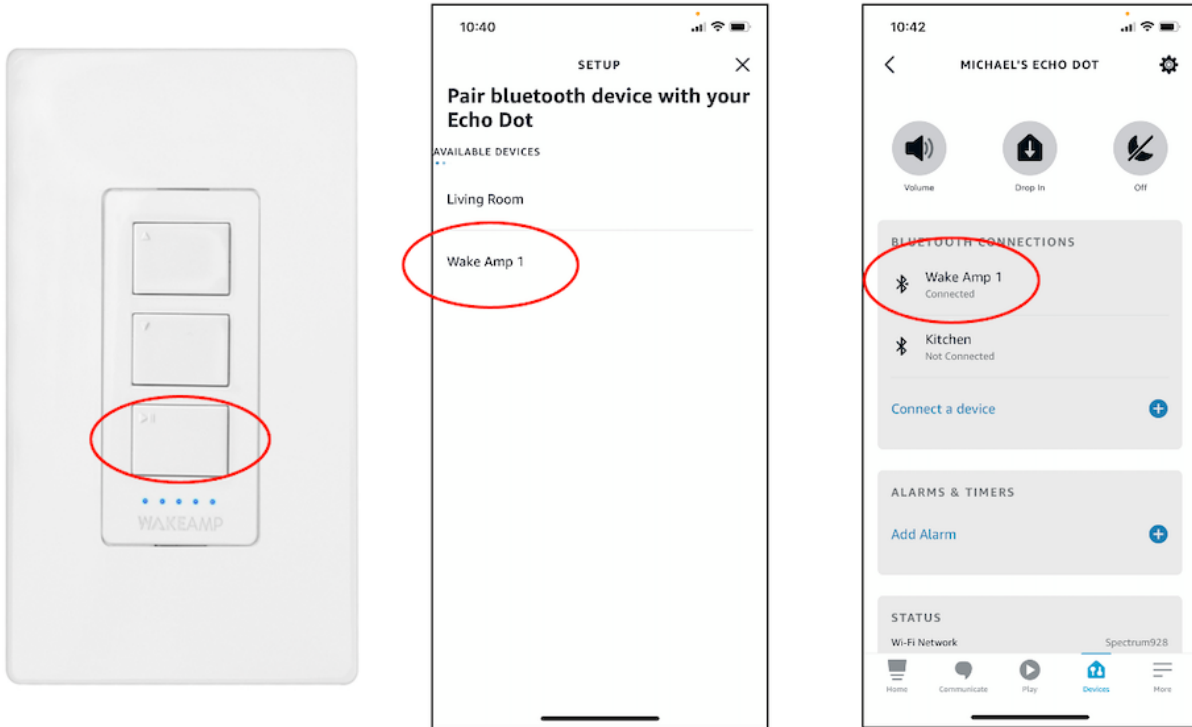
1. In the Alexa app, tap the **Devices** tab, then tap the **Echo & Alexa** menu.
2. Select the Echo Dot that you want the WAKE Amp connected to. Both devices should be in the same room.
3. Under Bluetooth Connections, select **Connect a device**.



4. Press and hold the WAKE Amp's  button until the LEDs start scrolling from left to right, to enter Bluetooth pairing mode.

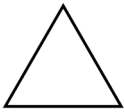
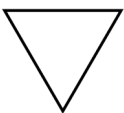
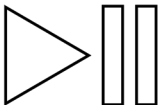
5. The WAKE Amp will appear in the Bluetooth pairing menu of the Alexa app. Select the WAKE Amp and wait four to five seconds for the Alexa app to confirm the pairing is successful.

6. The WAKE Amp appears in the **Bluetooth Connections** menu as **Connected**. Repeat these steps for each WAKE Amp and Alexa device on the property.

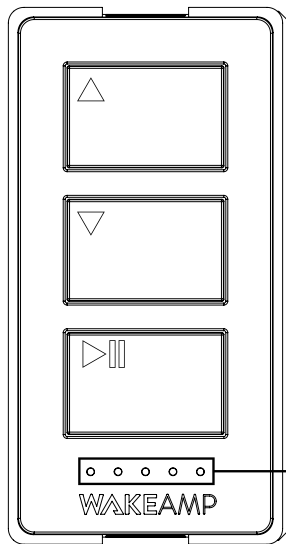


Button and LED Behavior

The button behavior follows the “**Keypad Volume Settings**” on page 5.

Button	Keypad Controls Volume is Selected	Keypad Controls Music is Selected
	Volume Up	Next Track
	Volume Down	Previous Track
	Mute	Play/Pause

LEDs





LEDs 1 - 5

The LEDs are numbered 1 through 5, from left to right. The following table describes the LED behaviors.

Function	LED Behavior
Firmware Update	LED 1 blinks during the update process.
Mute/Pause	LED 1 illuminates red.
No Source Connected	LED 1 slowly blinks blue.
Factory Reset	LEDs 1-5 blink red.
Bluetooth Pairing Mode	LEDs 1-5 blink blue.
Error	LEDs 1-5 illuminate red.
Current Volume	LEDs 1-5 illuminate blue to show the current volume level. For example, if LEDs 1 and 2 are illuminated the volume is at 40%.

To adjust the LED brightness, see “LED Settings” on page 4.

Factory Reset Procedure

Press and hold the  and  buttons until the LEDs blink red, then release the buttons.



LEDs 1 through 5 blink red and blue during the procedure. Once they stop, use the WAKE Amp mobile app to set up the amp again.

Note: Factory resetting the amp also resets the paired device list, so the user must pair the WAKE Amp to the source again.





Firmware Recovery Mode

There are two ways to recover a WAKE Amp if it fails a firmware update. Once restored, try the firmware update again.


Hardware Method

7. Remove power by unplugging the power supply from the AC power outlet.
8. Press and hold the  and  buttons.
9. Plug the power supply back in to the AC power outlet.
10. Once LEDs turn on pink, release the buttons.
11. All LEDs slowly blink pink. The unit is validating the stored factory default firmware file.
12. All LEDs quickly blink pink. The unit is reprogramming the processor memory.
13. LED 1 blinks pink. The unit is reprogramming the Bluetooth module.
14. LED 1 blinks blue. The unit is ready to use.

Software Method

1. Press and hold the  and  buttons.
2. Once LEDs start blinking red, release the buttons.
3. While the LEDs are still blinking red, press and hold the  and  buttons once more.
4. Once the LEDs turn pink, release the buttons.
5. All LEDs slowly blink pink. The unit is validating the stored factory default firmware file.
6. All LEDs quickly blink pink. The unit is reprogramming the processor memory.
7. LED 1 blinks pink. The unit is reprogramming the Bluetooth module.
8. LED 1 blinks blue. The unit is ready to use.

Restarting the WAKE Amp

Press and hold the  button. Continue holding while LEDs 1-5 start blinking blue, then release the button when they start blinking red.

Note: If you continue to hold the button, the LEDs stop blinking. Releasing the button after this time has no effect and you'll have to try again.

Specifications

Input Voltage	100V – 240V
Power Consumption for Power Supply	1.5A
Power Output	60W
Output Voltage	15V
Power Consumption	4A
Channels	2
Power Output @ 4 ohms	25W/Ch
Frequency Response	20Hz – 20kHz
Wireless Protocols	Bluetooth Class 1/BLE, Bluetooth 5.0
Range	Up to 30m*
Installation	Compatible with deep and backless single-gang plastic back boxes
Dimensions (W x H x D)	101.7 mm (4") x 38.5 mm (1.5") x 81mm (3.2")
Weight	114 g (0.25 lb)

*Varies depending on the Bluetooth source.

Technical Support

For chat and telephone, visit tech.control4.com/s/contactsupport • Email: TechSupport@SnapOne.com. Visit tech.control4.com for discussions, instructional videos, news, and more.

Warranty and Legal Notices

Find details of the product's Limited Warranty at snapone.com/legal/ or request a paper copy from Customer Service at **866.424.4489**. Find other legal resources, such as regulatory notices and patent and safety information, at snapone.com/legal/.

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