RIVA WAND SERIES

MULTI-ROOM +
WIRELESS AUDIO SYSTEM

QUICK START GUIDE

SIMPLE SET UP

- 1. Power on your WAND speaker by plugging it into the wall. (ref pg. 3)
- 2. Download both the Google Home and RIVA WAND apps directly from Google Play™ or the App Store™. (ref pg. 3 & 6)
- 3. Connect your WAND speaker to the Wi-Fi network. (ref pg. 3)
- 4. Choose a music streaming service or local content and get playing! (ref pg. 4 & 6)
- 5. Refer to advanced settings to enhance your WAND experience. (ref pg. 7 & 8)

Please visit rivaaudio.com/support for the latest version of the User Guide.

LIGHTS AND CONTROLS

Take control of all your WAND speakers' features.

BUTTON CONTROLS

BUTTON	DESCRIPTION	ACTION
+	Volume Up	Increase volume at the speaker.
_	Volume Down	Decrease volume at the speaker.
((•)) 4	Previous song & forced pairing mode	Press once to go to the beginning of the current song or previous song. Press and hold for three (3) seconds to initiate pairing mode.
₽	Next song & input source	Press once to go to the begin- ning of the next song. Press and hold for three (3) seconds to change input source.
 -	Play/Pause Button	Press once to pause and resume play at the speaker.

SHORTCUTS

KEY CODE	DESCRIPTION	ACTION
 - ((•)) -	Factory reset button combination	Press and hold both buttons for three (3) sec- onds to reset connections.
<u> </u>	Main speaker Direct Wi-Fi sharing button combination	Press and hold both buttons for three (3) seconds to share as the Main speaker in Away Wi-Fi setup.
+ 114	Secondary speaker Direct Wi-Fi to join Main speaker	Press and hold both buttons for three (3) seconds to connect and join the Main speaker.

LED LIGHT INDICATORS

COLOR	SOLID	FLASHING
 -	Spotify Con- nect playback	Paused/muted in Spotify Connect playback.
►II	AUX input playback	N/A
►II	Main unit in a speaker group - Away Mode only	Main speaker is in broadcasting mode for up to thirty (30) min. Away Mode only.
▶II	Connected to Bluetooth playback	Bluetooth discovery mode.
►II	USB Playback	Pulsing: System booting. Flashing: Paused/muted in USB playback.
►II	Optical input playback (available on select WAND speakers)	Paused/muted in Optical playback.
►II	Wi-Fi Connected	Ready to connect to Wi-Fi.

I/O CONNECTIONS

I/O	DESCRIPTION
0	AUX analog input jack for audio playback.
	USB type A connector for USB audio playback and charge out.*
	AC socket for power to the speaker.
	Optical S/PDIF input jack for audio playback. (Available on select WAND speakers and devices.)

^{*} Does not support iOS device charging.

START ME UP! SET UP RIVA WAND ON A WI-FI NETWORK

To connect your RIVA WAND speaker to a Wi-Fi network, follow these steps:

- 1. Power on your WAND speaker by plugging it into the wall.
- 2. Wait for the pulsing BLUE LED light to turn to a pulsing WHITE light
- 3. Your speaker is now ready to be connected via one of the options below.

NOTE: We recommend you play WAND for 3 hours at 50% volume to

"break in" the speakers for maximum acoustic performance.

SET UP WITH GOOGLE HOME APP

Chromecast built-in is a platform that lets you stream your favorite music from your phone, tablet or laptop right to your speakers. Easily control your speakers with apps you already know and love from your iPhone®, iPad®, Android phone or tablet, Mac® or Windows® laptop, or Chromebook.

Download the Google Home app directly from Google Play™ or the App Store™ and start playing!

FOR ANDROID AND IOS DEVICES

- 1. Connect your phone or tablet to a Wi-Fi network.
- 2. Make sure your Bluetooth in ON for iOS devices.
- 3. Open the Google Home app and sign in to your Google Account.
- The RIVA SPEAKER will appear as "New device found" at the bottom of the Home screen or in the Devices screen in this format: RIVASPEAKER*****.
- 5. Tap SET UP and follow the instructions.

WAND AUTOMATIC SOFTWARE UPDATES

As soon as your speaker is connected to Wi-Fi it will search for automatic software updates.

- If an update is available, the LED light ring will cycle flashing Red/ Blue/Green until the update is complete.
- · DO NOT unplug the power when the speaker system is updating.
- The speaker will automatically reboot and reconnect to the Wi-Fi when completed.
- Your speaker is connected to Wi-Fi and ready to use when the LED light ring is solid white.



AirPlay allows you to remotely control and play content to your AirPlay enabled RIVA WAND speakers from your iOS phone or tablet. AirPlay works with iPhone, iPad, and iPod Touch with iOS 4.3.3 or later, Mac with OS X Mountain Lion or later, and PC with iTunes 10.2.2 or later.

- Connect your AirPlay enabled phone, computer or tablet to the Wi-Fi network.
- Go to Wi-Fi settings in the Set Up New AirPlay Speaker section, select "RIVASPEAKER******."
- 3. Tap Next and wait for confirmation of connection.
- When the pulsing WHITE LED light turns solid WHITE, your RIVA speaker is now connected to the Wi-Fi network.
- * For additional help with setting up https://support.apple.com/en-us/HT204289.

GFT PI AYING!

Now that you are connected to Wi-Fi, let's get playing. Choose any Chromecast or AirPlay® enabled app or Spotify Connect to start enjoying sound as close to LIVE as it gets!



STREAM YOUR FAVORITE MUSIC FROM YOUR PHONE, TABLET, OR LAPTOP TO YOUR SPEAKER[S].

- 1. Choose from millions of songs from popular music services like Pandora, Spotify and Google Play Music.
- 2. Open any Chromecast-enabled app.
- 3. Tap the Cast button from apps you already know and love. No new logins or downloads are required.
- Select speaker or group of speakers.

Use your phone to search, play, pause, and turn up the volume from anywhere in the home.

While you're streaming you can keep using your phone for other things scroll through social media, send a text and even accept calls.

* Visit https://www.google.com/chromecast/built-in/apps/#?speakers for a list of compatible apps.



LISTEN WITH AIRPLAY®

- 1. Connect to the same Wi-Fi network on your iOS device and the device that you want to AirPlay to.
- 2. On your iOS device, swipe up from the bottom of your screen to open Control Center.
- 3. In Control Center find the Now Playing screen.
- 4. Select your RIVA WAND speaker from the list of available AirPlay devices.
- Start playing!

Made for:

- iPhone 7 Plus
- iPhone 7 · iPhone SE
- · iPhone 6s Plus
- · iPhone 6s
- · iPhone 6 Plus
- · iPhone 6
- iPhone 5
- iPhone 5s

- · iPad Pro (9.7-inch) · iPad Pro (12.9-inch)
- · iPad mini 4 • iPad Air 2
- iPad mini 3
- · iPad (4th generation)
- · iPad (3rd generation)
- * Visit support.apple.com/en-us/HT204289 for additional support on how to use

NOTE: For information on listening to multiple speakers with AirPlay, visit support. apple.com/en-us/HT202809.



HOW TO USE CONNECT

You'll need Spotify Premium to use Connect - see details overleaf.

- Add your speakers to your Wi-Fi network (see product user instructions for details).
- Fire up the Spotify app on your phone, tablet or PC using the same wi network as above.
- Play a song on Spotify and hit 'DEVICES AVAILABLE'.
- Choose your speakers and your music will start playing out loud. Happy listening.

Licenses

The Spotify Software is subject to third party licenses found here: https://developer.spotify.com/esdk-third-party-licenses/.



GET PLAYING! MORE WAYS TO PLAY

Play your favorite locally stored music, hi-res audio, or media content through your WAND speakers. Download the RIVA WAND app for iOS or Android devices to get started!

RIVA WAND APP

The RIVA WAND app allows you to remotely control and play locally stored or USB content to your RIVA WAND speakers from your phone or tablet.



Download the RIVA WAND app directly from Google Play™ or the App Store™ and start playing!

LOCAL CONTENT PLAYBACK

Play directly from your computer, phone, tablet, USB device, media server or AUX input devices.

YOUR DEVICE

- 1. Open the WAND app and select your speaker.
- 2. Tap "My Device."
- 3. Select the music you want to listen to!

USB

- 1. Plug your USB device into the USB port on the back of your WAND speaker.
- 2. Open the WAND app and select your speaker.
- 3. Tap "USB."
- 4. Select the music you want to listen to!

AUX OR OPTICAL* INPUT

- Plug your audio source into the 3.5mm (AUX) or Optical port on the back of your WAND speaker.
- 2. Play the music you want to listen to from your device.
- 3. For AUX: Press and hold the button on the WAND speaker until the LED ring turns RED or select the AUX input in the RIVA WAND app.
- For Optical: Press and hold the button on the WAND speaker until the LED ring turns PURPLE.

Visit <u>rivaaudio.com/support</u> to download the WAND User Guide for instructions on AUX playback with multiple speakers and more.

*Available on select WAND speakers and devices.

ADVANCED SETTINGS

Enhance your WAND experience with these additional features!

NAME YOUR SPEAKERS

May we suggest Dining Room or Kitchen?

GOOGLE HOME APP

- 1. Open Google Home app.
- 2. Tap the Devices Icon in the upper right corner.
- 3. Find the desired speaker.
- 4. Click the menu button in the upper right corner.
- 5. Select device settings.
- 6. Tap the name field of your speaker.
- 7. Enter the desired speaker name.
- 8. Click Save to complete.

GROUP YOUR SPEAKERS

Play a few or many, giving you endless options to enjoy your music.

- 1. Open the Google Home app.
- 2. Tap the Devices Icon in the upper right corner.
- 3. Find a speaker that will be included in the group.
- Click the menu button in the upper right corner (three dot icon next to speaker name).
- 5. Select "Create Group."
- 6. Select all of the speakers you would like to be included in the group.
- 7. Tap the name field at the top of the speaker list and enter the desired group name.
- 8. Tap SAVE at the bottom of the screen.

Your group will now appear in the Google Home list of devices or Google Home supported apps.

ADVANCED SETTINGS

The power to play YOUR collection how YOU want, anywhere and anytime.

BLUETOOTH® PLAYBACK

Connect via Bluetooth to stream music via your cellular or Wi-Fi network without restriction.

- 1. Hold the button until it pulses BLUE.
- Your WAND speaker should now be visible on your device's Bluetooth settings.
- 3. Pair with the WAND speaker by following your device's Bluetooth pairing guidelines.

EQ MODES

Listen how YOU want! RIVA has designed four unique listening modes to complement your listening preferences. To select an EQ Mode in the RIVA WAND app.

- 1. Find your speaker.
- 2. Tap the three dots on the right side of the screen.
- 3. Tap "Audio Output."
- 4. Select your listening mode.

STUDIO MODE (FACTORY DEFAULT)

Single source, patented Trillium™ audio for the audiophile experience with zero compression and no acoustic distortion.

POWER MODE

Maximize Output & TURN IT UP TO 11! Ideal for large areas and outdoors.

LEFT MODE

Allows you to play the selected speaker as a true left channel.

RIGHT MODE

Allows you to play the selected speaker as a true right channel.

- * This does not create internet access.
- ** Available on select WAND speakers and devices.

AWAY MODE SET UP

Want to take WAND to the beach, park, or the backyard? The great outdoors are calling! Away Mode allows you to create your own network* of one or more WAND speaker[s] when there is no Wi-Fi network available. Add in the optional ARENA battery for over 20 hours of playing time.

Follow these steps to create a network of WAND speaker[s] no matter where you are:

- 1. Flip switch from Home to Away.
 - · The LED ring will change to orange.
- 2. Go to the Wi-Fi Settings in your phone or tablet to choose the primary speaker.
 - NOTE: The name of the speaker will read "RIVA SPEAKER Name" followed by a six digit code.
- Connect to the speaker by tapping the speaker name and entering the password: 12345678.
 - · You will have the option to change the password.
- 4. To add additional speakers in Away Mode:
 - · Set additional speakers to Away Mode.
 - On primary speaker, press the play/pause and buttons simultaneously for three (3) seconds until the LED light ring blinks once.
 - On secondary speakers, press the play/pause and + buttons for three (3) seconds until the LED light ring blinks once.
- The primary speaker will start by showing a yellow LED light and will change to the input source LED color accordingly. The secondary speakers will show a white LED light.



Switch on the HOME side to connect RIVA SPEAKERS to home Wi-Fi network (Default)



Switch to the AWAY side to connect RIVA SPEAKERS together without home Wi-Fi network

HELP ME, RIVA ADDITIONAL SUPPORT

FAQS

rivaaudio.com/support

REGISTER YOUR SPEAKER

rivaaudio.com/registration

CUSTOMER SUPPORT

support@rivaaudio.com

1-844-GET-RIVA

PRIVACY POLICY

rivaaudio.com/privacy-policy

WARRANTY INFORMATION

rivaaudio.com/warranty

MORE INFORMATION ON CHROMECAST

BUILT-IN

https://www.google.com/chromecast/built-in/audio/

MORE INFORMATION ON AIRPLAY®

https://support.apple.com/en-us/HT204289

ONLINE USER GUIDES - MULTIPLE

LANGUAGES

rivaaudio.com/support

RIVA WAND APP

Download the free RIVA WAND app from Google Play^{\mathbb{M}} or the App Store^{\mathbb{M}}.

CONNECT WITH RIVA!

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pinterest.com/RIVANation

IVANation

Designed by RIVA Audio in California, USA.

17835 Newhope St., Studio A, Fountain Valley, CA 92708

Model: RIVA ARENA (RWA01) and RIVA FESTIVAL (RWF01)

Manufactured under license from Audio Design Experts, Inc.



PLAY SAFF IMPORTANT SAFFTY INSTRUCTIONS

Your RIVA WAND speaker is designed and manufactured to operate within the defined design limits, and misuse may result in electrical shock or fire. To prevent your speaker from being damaged, the following rules should be observed for installation, use and maintenance. Please read the following safety instructions before operating your WAND speaker. Follow all instructions. Keep these instructions in a safe place for future reference and heed all warnings.

DO NOT...

- Use the WAND speaker near water or pour water/other liquids
 Install in accordance with manufacturer's instructions. on the unit.
- Submerge your WAND speaker in any liquid.
- · Install near any heat sources such as radiators, heat · Protect the power cord from being walked on or pinched registers, stoves or other apparatus (including amplifiers) that produce heat.
- Puncture, throw, kick/punt, shred, crush, step on, microwave, light
 Listening to music at high volume over extended periods of on fire, or toss your WAND speaker in the dishwasher.
- · Insert foreign objects into your WAND speaker.
- · Leave or store the WAND speaker or any accessories over or near your car's airbag. Serious injury may result if the airbag deploys.
- · Place the WAND speaker on high surfaces where the speaker may shift or fall off the edge.
- Block ventilation openings.
- · Allow the power cord to be be walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Disassemble, paint, or blanket in stickers.
- · Drag sharp objects across any surface.
- · Leave in the sun for extended periods.
- · Place in low or freezing temperatures.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- · Use the included cords in the WAND speaker packaging for any purpose other than their intended one.
- · Defeat the safety purpose of the polarized or grounding type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit your outlet, consult an electrician for the replacement of obsolete outlets.

CAUTION

- · Use only the manufacturer supplied power supply and accessories with your WAND speaker.
- particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- time may damage your hearing. The maximum volume levels achievable with RIVA speakers may exceed safe levels for extended listening. RIVA accepts no liability for hearing loss. bodily injury or property damage as a result of use or misuse of this product.
- · Only use attachments/accessories specified by the manufacturer.
- · Replace only with the same or equivalent type.
- · Danger of explosion if battery is incorrectly replaced.
- · A warning that batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like
- · WAND will enter network standby mode after 15 mins without a connection. Standby power consumption is less than 2W. WAND will wake up with any active signal.
- · The Class B digital apparatus complies with Canadian ICES-3 (B)/NMB-3(B).
- · The user manual for local area network devices shall contain instructions related to the restrictions mentioned in the above sections, namely that:
 - (i) the device for operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite
 - (ii) the maximum antenna gain permitted for devices in the band 5725-5825 MHz shall comply with the e.i.r.p. limits specified for point-to-point and non pointto-point operation as appropriate.
 - (iii) the worst-case tilt angle(s) is compliant with the e.i.r.p. elevation mask requirement set forth in Section 6.2.2(3).
 - (IV) RW10001 RIVA ARENA, Wireless Chromecast built-in, Wi-Fi, Bluetooth, and DLNA 45W 3 channel speaker system.

PLAY SAFE IMPORTANT SAFFTY INSTRUCTIONS

WARNING

apparatus to rain or moisture.

The apparatus shall not be exposed to dripping or splashing. No objects filled with liquids, such as vases, shall be placed on the apparatus.

An appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.



The symbol is intended to alert the user to the presence of uninsulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute risk of fire and electric shock



The symbol is intended to alert the user to the presence of important operating and maintenance instructions in the literature accompanying this product.

CARE

To reduced the risk of fire or electric shock, do not expose this Do not clean your WAND speaker while it is plugged in because doing so could result in electric shock.

> Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

Clean your WAND speaker with a soft, dry cloth, preferably microfiber. Do not use steel wool, grill brushes or other abrasive cleaners

Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as: power-supply cord or plug is damaged, liquid or other foreign objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

If your WAND speaker is under the weather, contact us at support@ rivaaudio.com. Remember, you have a warranty, rivaaudio.com/ warranty, and we know how to make them feel better!

RIVA vouches that no entertainment or sports celebrities were used or exploited in laboratory testing during the development and creation of the RIVA WAND speakers.

LIMITED WARRANTY

Your RIVA WAND speaker is warranted against defects in materials and manufacturing for a period of two (2) years from the date of original retail purchase from an authorized RIVA dealer.

This limited warranty does not apply to damage resulting from:

- · Loss or theft
- Accidents
- · Acts of God
- · Abuse/Neglect
- Improper handling or storage
- Extended exposure to temperatures lower than 0°C or higher than 55°C (extreme high or low temperatures)

- · Normal wear and tear
- · Blown speakers
- · Cut cords
- · Bent iacks
- · Scratches
- Water damage
- Attempts to deface, open, or take apart the product

This limited warranty will be void if you:

- Customize your RIVA Product
- Remove the serial number or UPC from your RIVA product
- Purchase a RIVA Product from an unauthorized dealer
- Are past the two (2) year warranty period

If a manufacture defect exists, we, at our choice, will do one of the following:

- Repair the product at no charge using new or refurbished parts
- Refund the original purchase price
- Exchange the product with a working equivalent product that is new or refurbished

WARRANTY REGISTRATION

We encourage you to register your RIVA product to simplify the warranty support process and gain all of the great VIP benefits of the RIVA Nation. Register online at rivaaudio.com/registration/.

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getopt

http://cvsweb.netbsd.org/bsdweb.cgi/src/lib/libc/stdlib/

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libvorbis

https://xiph.org/vorbis/

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mongoose

https://github.com/cesanta/mongoose/

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http://www.chiark.greenend.org.uk/~sgtatham/putty/

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Tremor

http://wiki.xiph.org/index.php/Tremor

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Version 2.0, January 2004

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md32 Common.h

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md5_dgst.c, md5_locl.h

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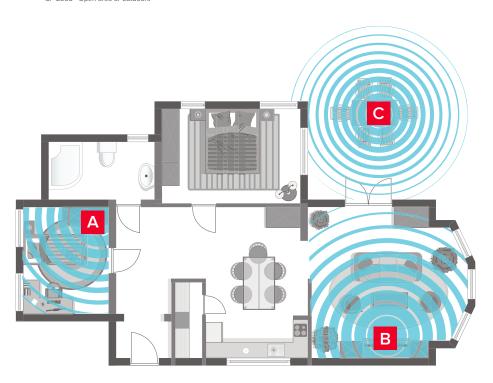
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