

RIVA

TURBO X

We truly appreciate that you have chosen the RIVA Turbo X for your listening experience. Many days and months have gone into designing this product in the hope that you will have as much pleasure listening to it as we had creating it!

The RIVA Team

Fountain Valley, California

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REGISTER YOUR TURBO : Warranty Coverage Registration

Register your Turbo X for warranty coverage
and to receive VIP access to RIVA Nation!

Register online at:



nation.rivaaudio.com/register

Be sure to have your Turbo X serial number,
located on the bottom of the Turbo X unit or on the side of the unit's box.

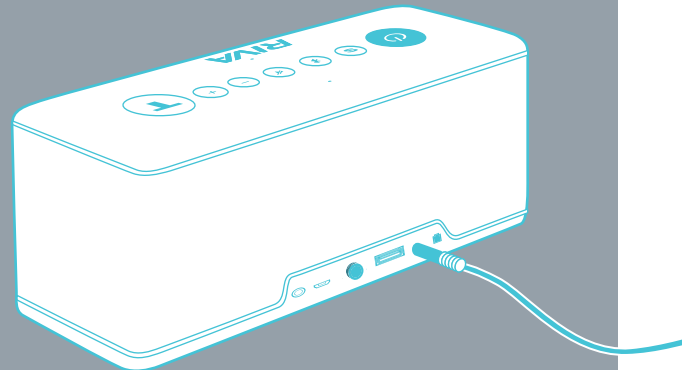
S T A R T M E U P !

support.rivaaudio.com

GETTING STARTED : Power On / Off


1. On the back of the Turbo X, press in the BATT ON/OFF button to engage the battery.
2. Turbo X is partially charged out of the box. Plug in immediately with the power adapter to charge to 100%. The Battery icon LED will appear steady green and a voice prompt will announce when the battery is fully charged.
3. Power On: Tap the  to turn ON.
4. Power Off: Hold the  to turn OFF.

NOTE: We recommend you play Turbo X for 3 hours at 50% volume to “break in” the speakers for maximum acoustic performance.




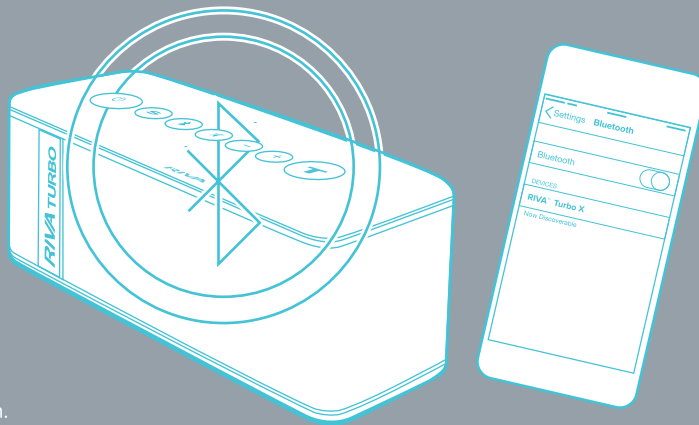
CONNECTION : Connect Your Devices

• Bluetooth® Device

- When you first turn your Turbo on, it will automatically go into discovery/pairing mode to connect to a Bluetooth® device.
- The unit will appear on your device as RIVA Turbo X. Once paired, you can begin playing.
- To pair a new device, hold down the  to discover your device. The Bluetooth® icon will pulse blue when pairing and stay solid once paired.

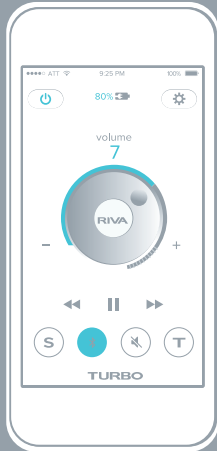
• Non-Bluetooth® Device

- Using the included 3.5 mm or red/white RCA cables, connect the output on your non-Bluetooth® device to the Aux input on the Turbo X.
- Bluetooth® takes priority, so please pause your Bluetooth® source. The Turbo X will automatically switch to the Aux input and the  will turn green.



NOTE: Please see the Play Safe page for additional safety guidelines.

RIVA GROUND CONTROL : Mobile App



Download the Free RIVA Ground Control app from the App StoreSM or Google Play.TM


- Control all of the features on your Turbo X directly from your phone or tablet for iOS or AndroidTM!
 - Control volume up, down and mute
 - Control TURBO EQ and TrilliumTM Surround modes
 - Monitor battery life
 - Manage audio prompts
 - Change app background color
- RIVA is constantly developing software with the latest technologies to improve your Turbo experience. Visit support.rivaaudio.com for the latest information.

P L A Y M E

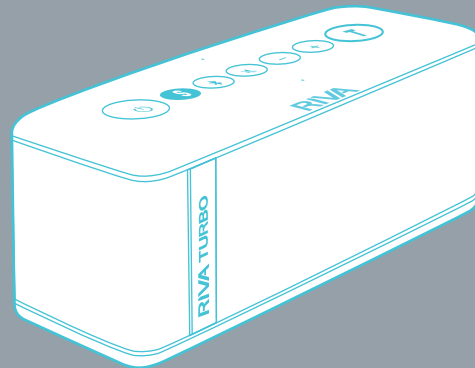
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TRILLIUM™ SURROUND: Movie & Gaming Surround Sound

Trillium™ Surround enhances your audio visual experience while playing movies or video games through your Turbo X.

Tap the  button to activate. The Surround icon will remain lit when Surround is active.

Tap the  button to turn off Surround.



T U R N I T U P T O 11 : TURBO Mode

The **TURBO EQ** mode takes sound up to **100dB*** when you need that extra kick!

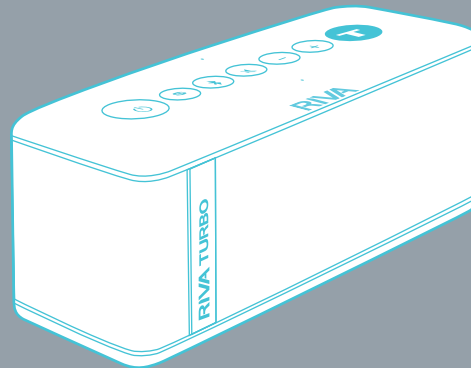
Press and hold the **T** to engage TURBO mode, increasing volume and shifting EQ for maximum audio output.

The **T** will remain lit while in TURBO mode.

Tap **T** again to return to normal mode.

NOTE: TURBO mode will reduce your battery playing time.

* The maximum volume levels achievable with RIVA speakers may exceed safe levels for extended listening. Please see the Play Safe page for more information.




CALL ME : Speakerphone


• Outbound Call

- Make sure your device is paired with the Turbo X via Bluetooth®.
- Place the call using your device and make sure Turbo X is selected as the audio output.

• Incoming Call

- When connected to your Turbo X via Bluetooth®, incoming calls will ring through your Turbo X.
- Accept the call by tapping the  or directly from your device. Make sure Turbo X is selected as the output.

• Decline/End Call

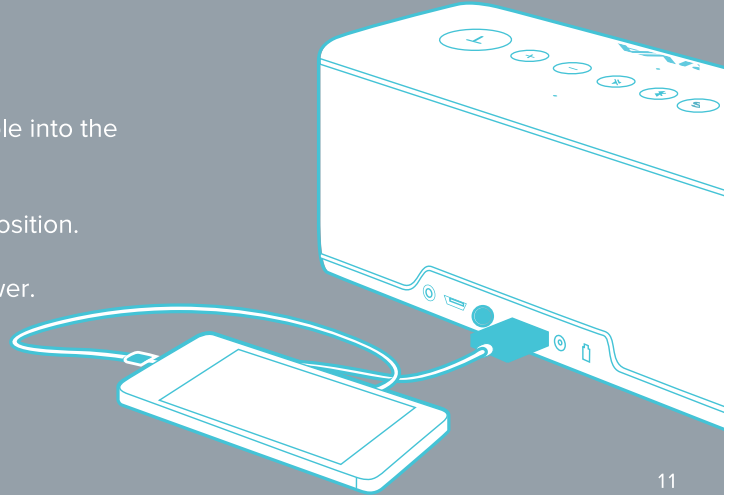
- To decline or end a call, tap the  or directly from your device.
- Turbo X will return to the settings used prior to the call.

• For Best Clarity










- Speak directly toward the Turbo X speaker.
- Do not obstruct or cover the microphone openings.

CHARGE OUT : Charge your Phone / Tablet

- Charge your phone or tablet by connecting your device's USB cable into the Charge Out port on the Turbo X.
- Make sure that the BATT ON/OFF button is pressed into the ON position.
- Turbo X can charge your device when it has over 30% battery power. The Battery icon LED will be green or orange.



TURBO X SHORTCUTS . . . Vinyl Junkies Included

Feature	Buttons	Notes
Key Lock	 and 	Hold down for 3 seconds to lock all keys. Input light turns RED while engaged. Repeat to unlock.
Speakerphone: Accept Call		Speakerphone mode: Tap to accept an incoming call.
Speakerphone: Reject/Hang Up		Speakerphone mode: Tap to reject an incoming call or hang up an active call.
Phono Mode	 and 	To use with a turntable with low audio output, plug in aux cable and hold down for 3 seconds. Input light will turn yellow.
Factory Reset	 +  + 	Hold down together for 5+ seconds to erase device memory and restore factory settings.

S O U N D M A C H I N E

support.rivaaudio.com

TAKE CONTROL: Controls



Power On/Off

Power On: Tap the Power button

Power Off: Hold the Power button down



Trillium™ Surround

Surround On: Tap the surround button. The Surround icon will remain blue while in Surround mode.

Surround Off: Tap the Surround button again to turn off.



Input

Press and hold the Input button to enter Bluetooth® pairing mode. To switch to AUX, plug in a device and pause all audio on your Bluetooth® device. The light will change depending on the connection:

Bluetooth Input: Solid Blue

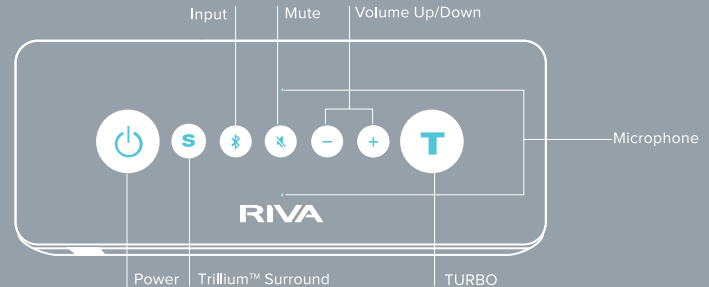
Auxiliary 3.5 mm Input: Solid Green



Mute

Tap to mute. The Mute icon light will remain blue while muted.

Tap again to unmute.



TAKE CONTROL: Controls



Volume Down/Up

Control the volume — or +.

NOTE: Volume level will affect your battery playing time.
Please see The Minerals section of this guide for more details.



TURBO

RIVA'S TURBO EQ mode takes sound up to 100 dB. Press and hold the TURBO button to engage, increasing volume and shifting EQ for maximum audio output. The TURBO button will remain lit while in TURBO mode. Tap the TURBO button again to return to normal mode.

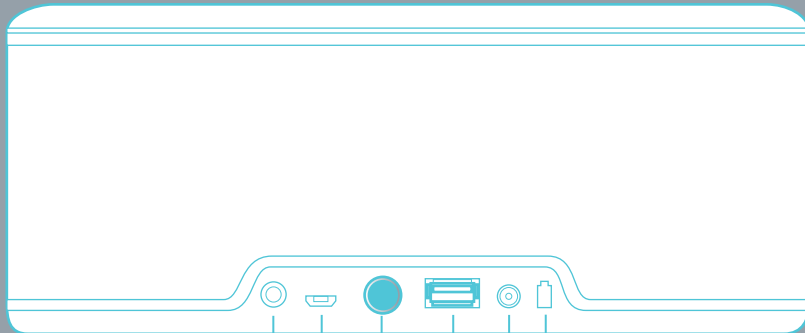
NOTE: TURBO mode will reduce your battery playing time.

Microphone for Teleconferencing

Pair your phone or other Bluetooth device to the Turbo X to enjoy crystal clear teleconferencing with noise and echo canceling microphone.

NOTE: Do not cover or stick anything in the microphone opening (toothpicks, q-tips, spaghetti sauce, etc.) Doing so will void your warranty.

HOOK UPS: Inputs



AUXILIARY

USB DATA

BATTERY
ON/OFF

iPod/iPhone

19V DC

BATTERY LEVEL INDICATOR

Use the I/O cover, located on the bottom of your Turbo X, to help resist dust and splashes.

I/O COVER

HOOK UPS : Inputs



Auxiliary 3.5 Input

A 3.5 mm cable is included to connect your non-Bluetooth® audio devices.

NOTE: Allowable input voltage range is 200mV to 2Vrms



USB Data Input

This input is used for software upgrades and future updates.



Battery ON/OFF

Control battery power functions. Switch OFF to conserve battery, especially when you will be separated from your Turbo for an extended period of time. When OFF, all functions will be disabled.



iPod/iPhone

Plug in your phone or tablet using a compatible cord to charge from the Turbo X's powerful battery. The BATT ON/OFF button must be ON.



19V DC Power Adapter Input

Use the provided external power supply to charge the RIVA Turbo. Use of any other non-approved power adapter may damage the electronics and will void the warranty.



Battery Icon

Green: 60 - 100% charge remaining

Orange: 30 - 60% charge remaining

Red: 0 - 30% charge remaining

Battery icon will pulse while being charged.

THE MINERALS : Technical Specifications & What's included

Tech Specs

- Battery Life*
6+ hours in TURBO mode at maximum volume
26+ hours at 75dB
- Dimensions
9.1 in (230 mm) L
3.5 in (89 mm) W
4.1 in (105 mm) H
- Weight
3.5 lbs (1.6 kg)

- AC Adapter
19V DC, 3A
- Power Adapter Input Rating
100-240VAC
50-60HZ
- Audio Codecs Supported
SBC, AAC, aptX®

In the Box

External Power Supply
70" 3.5 mm to RCA Connector
48" 3.5 mm to 3.5 mm Connector
Splash-Resistant I/O Cover
User Guide

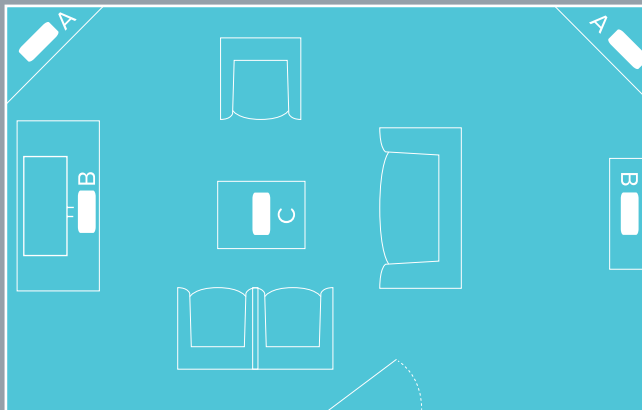
Features, specifications, and appearance are subject to change without notice.

* These hours are approximate based on averages as tested in our laboratory.

MAXIMIZE YOUR PLACEMENT : For Immersive Sound

Trillium™ is our proprietary audio technology that delivers truly immersive sound with rich and powerful bass to fill your room with music.

Take your Turbo X anywhere for great sound! To get the most out of your Turbo indoors, place the speaker about 3-6 inches (8-15 cm) from a wall or corner to take advantage of the natural acoustics of the room. (see diagram)



A: Best

In any corner

B: Really Good

Solid, reflective surface behind Turbo

C: Good

Open area/outdoors

TURBO TIPS : Usage & Care Tips

Usage Tips:



Picking Up Turbo While Playing

- We recommend picking up the Turbo X in the center to avoid accidentally tapping the Power or TURBO buttons. (Visit support.rivaaudio.com for additional information.)

Capacitive Touch

- Since the Turbo X's buttons are capacitive touch, a gentle tap will suffice.

Volume

- If you hold down the  or , the volume will go multiple steps in the direction of the button you are holding.
- Some audio recordings are louder or quieter than others. Adjust the volume level accordingly.

Care:

- We recommend that you unplug and turn OFF the BATTERY ON/OFF button before cleaning your Turbo X.
- Do not clean your Turbo while it is charging because doing so could result in electric shock.
- Clean your Turbo X with a soft, dry cloth, preferably microfiber. Do not use steel wool, grill brushes, or other abrasive cleaners.
- If your Turbo X isn't feeling its best, contact us at support@rivaaudio.com. Remember, you have a warranty, and we know how to make them feel better.

H E L P M E , R I V A !

support.rivaaudio.com

Q & A : Troubleshooting

Q: Why is there no power to the Turbo?

- Check to see if your AC adapter is plugged in and the BATT ON/OFF button is in the ON position.
- Make sure the Battery icon LED is not red, indicating the Turbo has less than 30% battery power left.

Q: I plugged in my phone/tablet to charge through my Turbo, but it's not charging.

- Check to see if the BATT ON/OFF button is in the ON position.
- Make sure the Battery icon LED is not red. Turbo will only charge if it has more than 30% battery power remaining. A red Battery icon LED means the Turbo has less than 30% of battery power left.

Q: I wave my hand over the Turbo and nothing happens.




- Check to see if the BATT ON/OFF button is in the ON position.
- Check to see if the battery is charged, and if not, plug into the wall with the provided power supply.
- Proximity sensing works between 1 to 2 inches (25 - 50 mm) from the top cover of Turbo.

Q: How do I play from a non-Bluetooth® device?

Connect your device using the Auxiliary 3.5 mm input and select the Auxiliary 3.5 mm input, indicated by the green light on the .

Q & A : Troubleshooting

Q: Turbo X is paired with my phone/tablet, but I can't hear anything.

- Make sure the  is pulsing. If pulsing, the Turbo X is in Bluetooth® pairing mode.
- Make sure the music is playing on the device.
- Make sure RIVA Turbo X is selected as the output device.
- Check to see if the  is solid blue. If solid blue, Turbo X is muted.
- Increase volume level.
- Make sure the Bluetooth® input is selected. The  will be solid blue. Green indicates the Auxillary 3.5 mm input is selected.

Q: I don't like the current voice prompts, what can I do?

Turbo has two audio prompt settings: voice and tones. To switch, go to the Settings page in the RIVA Ground Control app to make your selection. If you choose to disable the voice prompts, these will be replaced with tone prompts.

Have more questions, visit
support.rivaaudio.com

ADDITIONAL SUPPORT : Online Resources / Reference

- **FAQ**

support.rivaaudio.com

- **Register your Turbo X**

nation.rivaaudio.com/register

- **Customer Support**

1-844-GET-RIVA

support@rivaaudio.com

- **Technical Specifications**

rivaaudio.com/products/turbo-X

- **Privacy Policy**

support.rivaaudio.com

- **Warranty Information**

support.rivaaudio.com

- **Firmware Updates**

Download the latest firmware updates for your Turbo X directly from support.rivaaudio.com.

- **Digital User Guide**

This guide is available in a variety of languages at support.rivaaudio.com

- **RIVA Ground Control App**

Download the free RIVA Ground Control app from the App Store™ or Google Play™.

- **Connect with RIVA!**

facebook.com/RIVANation

[@RIVAaudio](https://twitter.com/RIVAaudio)

pinterest.com/RIVANation

instagram.com/RIVANation

C O V E R I N G O U R A S S E T S

support.rivaaudio.com

COMPLIANCE: EU Countries

- **CE** This product is compliant with the CE directive. All returns must be made to the original place of purchase.

- **WEEE Notice**

The Directive on Waste Electrical and Electronic equipment (WEEE), which entered into force as European law on 13th February 2003, resulted in a major change in the treatment of electrical equipment at end-of-life.

The purpose of this Directive is, as a first priority, the prevention of WEEE, and in addition, to promote the reuse, recycling and other forms of recovery of such wastes so as to reduce disposal.

The WEEE logo on the product or on its box indicating collection for electrical or electronic equipment consists of the crossed-out wheeled bin, as shown below.



This product must not be disposed of or dumped with your other household waste. You are liable to dispose of all your electronic or electrical waste equipment by relocating over to the specified collection point for recycling of such hazardous waste. Isolated collection and proper recovery of your electronic and electrical waste equipment at the time of disposal will allow us to help conserve natural resources. Moreover, proper recycling of the electronic and electrical waste equipment will ensure safety of human health and environment. For more information about electronic and electrical waste equipment disposal, recovery, and collection points, please contact your local city center, household waste disposal service, shop from where you purchased the equipment, or the manufacturer of the equipment.

- **ROHS COMPLIANCE**

This product is in compliance with Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 of the restriction of the use of certain hazardous substances in electrical and electronic equipment.

- **EU Batteries Directive 2006/66/EC**

A new battery directive 2006/66/EC on Battery and Accumulator replacing directive entered into force on the 26th September 2008. The directive applies to all types of batteries and accumulators (AA, AAA, button cells, lead acid, rechargeable packs) including those incorporated into appliances except for military, medical and power tool applications.

The directive sets out rules for collection, treatment, recycling and disposal of batteries, and aims to prohibit certain hazardous substances and to improve environmental performance of batteries and all operations in the supply chain.

- **Instructions for Users on Removal, Recycling and Disposal of Used Batteries**

For products with a built-in battery that last for the lifetime of the product, removal may not be possible for the user. In this case, recycling or recovery centers handle the dismantling of the product and the removal of the battery. If, for any reason, it becomes necessary to replace such a battery, this procedure must be performed by authorized service centers.

In the European Union and other locations, it is illegal to dispose of any battery with household trash. All batteries must be disposed of in an environmentally sound manner. Contact your local waste-management officials for information regarding environmentally sound collection, recycling and disposal of used batteries.

WARNING: Danger of explosion if battery is incorrectly replaced. To reduce risk of fire or burns, don't disassemble, crush, puncture, short external contacts, expose to temperature above 60°C (140°F), or dispose of in fire or water. Replace only with specified batteries. The symbol indicating "separate collection" for all batteries and accumulators shall be the crossed-out wheeled bin shown in the far left column.

- **For All Products with Wireless Operation**

Audio Design Experts, Inc. hereby declares that this equipment is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC, ErP 2009/125/EC Directive and RoHS 2011/65/EU Directive. The declaration of conformity may be viewed at support.rivaudio.com.



This product qualifies for ENERGY STAR in the "factory default" setting and this is the setting in which power savings will be achieved. Changing the factory default settings or enabling other features will increase power consumption that could exceed the limits necessary to qualify for ENERGY STAR rating.

We want to help you save energy.

COMPLIANCE : FCC and IC (USA & CANADA only)

FCC Interference Communication

- 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. The limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency 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 encourage to try 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.

FCC and IC Statements

- This device complies with Part 15 of the FCC Rules. Operations is subject to the following conditions:
 - This device may not cause harmful interference, and
 - This device must accept any interference received, including interference that may cause undesired operation.
 - The Class B digital apparatus complies with Canadian ICES-003.

FCC Caution

- Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter. To locate FCC identification numbers, please look on the underside of the Turbo X unit.

FCC and IC Radiation Exposure Information

- This equipment complies with FCC/IC RSS-102 radiation exposure limits set forth for an uncontrollable environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator and your body.

Disposal & Recycling Instructions

- This product must be disposed of according to local laws and regulations once it comes to the end of its life.

PLAY SAFE: Safety Guidelines



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

DO NOT...

- Use the Turbo near water or pour water/other liquids on the unit.
- Submerge your Turbo X in any liquid.
- Install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Puncture, throw, kick/punt, shred, crush, step on, microwave, light on fire, or toss your Turbo X in the dishwasher.
- Insert foreign objects into your Turbo X.
- Leave or store the Turbo or any of its accessories over or near your car's airbag. Serious injury may result if the airbag deploys.
- Place the Turbo on high surfaces where the speaker may shift or fall off the edge.
- Leave a battery on prolonged charge when not in use.
- Charge the battery in damp places.
- Block ventilation openings.
- Allow the power cord from being 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.
- Use the included cords in the Turbo X packaging for any other 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 grounded prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for the replacement of the obsolete outlet.
- Try to replace the Turbo X Battery. Contact us at support@rivaaudio.com and we will help you.

CAUTION

- Use only the manufacture supplied power supply and accessories with your Turbo X.
- Only charge your Turbo X according to the instructions provided by the RIVA team in this and online manuals.
- Do not dispose of the Turbo or its battery in a fire. Doing so could cause the battery to explode causing injury or death.
- Listening to music at high volume over extended periods of 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.

CARE

- Do not clean your Turbo while it is charging because doing so could result in electric shock.
- Clean your Turbo X with a soft, dry cloth, preferably microfiber. Do not use steel wool, grill brushes, or other abrasive cleaners.
- If your Turbo X is under the weather, contact us at support@rivaaudio.com. Remember, you have a warranty, support.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 Turbo X.

LEGAL : Disclaimer

This Turbo X User Guide contains information that is subject to change without notice. For the most updated information or questions, visit support.rivaaudio.com or e-mail support@rivaaudio.com.

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REVOLUTIONARY AUDIO

Turbo Series by RIVA™
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