

921995100

8 SPEAKER, 500-WATT SOUND BAR

Thank you for choosing Rough Country for all your vehicle needs!

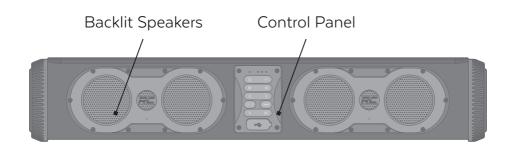
Please read instructions before beginning installation. Check the kit hardware against the kit contents shown below. Be sure you have all needed parts and know where they go.

If question exist, please call us at 1-800-222-7023. We will be happy to answer any questions concerning this product. Check all fasteners for proper torque. Check to ensure for adequate clearance between all components.

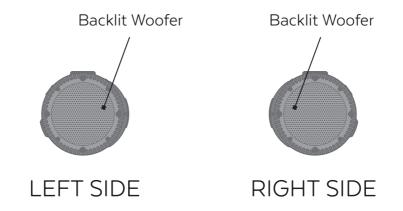
Periodically check all hardware for tightness.

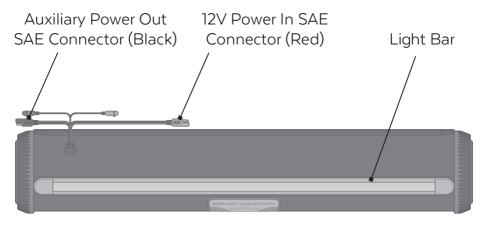


Sound bar Layout



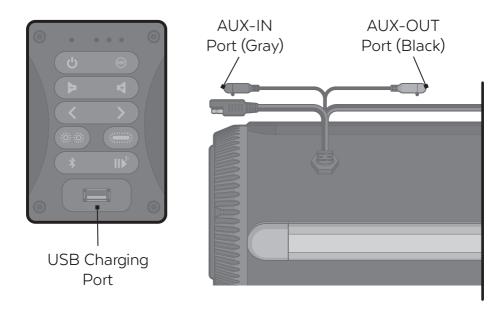
FRONT





BACK

In/Out Connections



Do **NOT** use these connections if they are wet.

AUX-IN: This input can be used to connect a CD player, MP3 player, etc.

AUX-OUT: This output can be used to connect to an amplifier or to another speaker AUX-IN connection.

USB Charging Port: Connect charging cable here to charge your device. USB charging only functions when the sound bar power is turned on. USB port rating is 5V, 2.1A.

Important: Maintaining Waterproofness

If the caps on the control panel, the AUX-IN, and AUX-OUT Caps are not properly closed, the unit is **NOT** watertight.

To close the USB Charging Port properly, push firmly to be sure the cap fits flat along the edges with the panel.

To close the AUX-IN and AUX-OUT ports properly, push firmly to be sure the cap snaps securely into place.

Connecting to 12VDC Power Supply

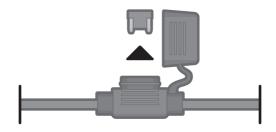
The sound bar does not have an internal battery. It must be connected to an external 12VDC power supply to function. When you install the sound bar to a battery or a voltage regulator on a golf cart, a boat, a quad bike, a UTV, or another vehicle, you need to make sure that your vehicle battery or battery pack terminal voltage is 12VDC. If the battery terminal voltage is not 12V, you will need a DC-DC converter with output 12V. Connecting the sound bar to a non-12VDC power source will lead to a malfunction or damage to the speaker.

WARNING: Even when powered off, the sound bar will draw a small amount of power from your battery. To prevent draining your battery when your sound bar or vehicle are not in use for more than 48hrs, we suggest unplugging the sound bar from the battery or adding the toggle switch. (Toggle switch sold separately.)



Attach the 8ft Power Cable to the 12V Power In SAE Connector (RED).

Use Caution: Do **NOT** connect to 12V Battery if the Power In SAE Connector is wet. Contact may cause electric shock and injury if wet.



Remove the 15 Amp Blade Fuse from the Fuse Holder.

Use Caution: Do **NOT** remove Fuse if the Fuse Holder is wet. An improperly fitted cap may cause electric shock and injury if wet.

To close properly, push firmly to be sure the cap snaps into place.

Installation: Gas Vehicle

1. Loosen the bolts on the battery terminals.

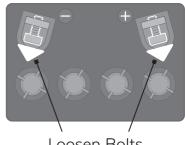
Use Caution: Do **NOT** attempt to loosen bolts if battery is wet. Contact may cause electric shock and injury if wet.

- Connect the **BLACK** wire to the **BLACK**, negative terminal, then the **RED** wire to the **RED**, positive terminal. Unit will not work correctly and may be damaged if wires are not correctly attached.
- Tighten the bolts on the battery terminals until the connectors are held firmly in place.
- 4. Return the 15 Amp Blade Fuse into the Fuse Holder and close v the cap.

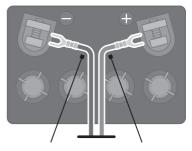
Installation: Electric Vehicle

- 1. Switch your vehicle to TOW mode.
- 2. Loosen the bolts on the battery terminals.
- Connect the **BLACK** wire to the **GROUND** on the DC-DC Converter, then the **RED** wire to the **POSITIVE**
 (+) post on the DC-DC Converter.
 Unit will not work correctly and may be damaged if wires are not correctly attached.
- 4. Tighten the bolts on the battery terminals until the connectors are held firmly in place.
- 5. Return the 15 Amp Blade Fuse into the Fuse Holder and close the cap.

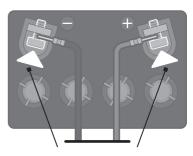
Tip: Use zip ties to gather any excess wires, and secure them so that they are not dangling, loosely.



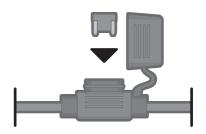
Loosen Bolts



Black Cable Red Cable



Tighten Bolts



Controls

- LED Indicators: Each of the 4 LEDs correspond to different functions: Power, Bluetooth, Mode, and Status.
- 2. **Power Button:** Press button to turn the sound bar on / off.
- Mode Button: Press button to cycle through the following modes: Bluetooth, EcoCast Transmitting, EcoCast Receiving, FM, and AUX-IN.
- Volume Control Buttons: Press to adjust the speaker's volume. Press and hold to adjust the volume continually.
- 5. **Track Buttons**: Press buttons to go to the previous / next track on a paired Bluetooth device.



CONTROL PANEL

- 6. **Backlight Speakers Button:** Press to cycle through the following 6 Party Light Modes: Green Light, Red Light, White Light, Blue Light, Music Sync, and Fading.
- 7. **Light Bar Button**: Press to cycle through the following 5 Light Modes: Red Light, Yellow Light, White Light (High), White Light (Mid), and White Light (Low). Press and hold to enable / disable Accessory Mode (which turns on /off the Auxiliary Power Out connection).
- 8. **Bluetooth Button**: When in Bluetooth Mode, if the Bluetooth LED Indicator is not flashing Blue, press this button to enter Bluetooth Pairing mode. If your device is paired (solid Blue LED), press button to disconnect. Press and hold this button for 5 seconds to clear all pairing records. In FM Mode, this button is used for FM Station Preset 1.
- 9. Play / Pause / Answer / EcoTalk Button: Press to play / pause a track or answer / end a mobile call from a paired Bluetooth device. Press and hold to activate your Voice Assistant (Siri and OK Google). In FM Mode, this button is used for FM Station Preset 2.

Operations

LED Indicators

From left to right, the 4 LED Indicators correspond to Power, Bluetooth, Mode, and Status.

1. Power

Solid Green: Power On No Light: Power Off

2. Bluetooth

Flashing Blue: Bluetooth Paring Solid Blue: Bluetooth Connected

3. Mode

Solid Blue: Speaker Mode

Solid / Flashing Red: EcoCast Transmitting Mode Solid / Flashing Green: EcoCast Receiving Mode

4. Status

Solid Blue: FM

Solid Green: AUX-IN

Solid Red: Accessory Mode Enabled

Power On / Off

Power On: Press briefly to power on the sound bar. "Speaker on, ready to connect" voice prompt will be heard.

Power Off: Press **b** briefly to power off the sound bar.

Mode Button

Press briefly to cycle through the following modes: Bluetooth, EcoCast Transmitting, EcoCast Receiving, FM, and AUX-IN.

Pairing a Bluetooth Device

- 1. Turn on your Bluetooth device.
- 2. Power on the sound bar. "Speaker on, ready to connect" voice prompt will be heard. If the Bluetooth LED Indicator (the second LED Indicator from the left) is not flashing, briefly press * to start pairing your device.
- 3. Navigate to your Bluetooth device's setup screen, find ROUGH COUNTRY and connect. If the connection is successful, the Bluetooth icon will be lit solid and your sound bar will announce "Your phone is connected."

Notes:

- · If the pairing is not complete within 5 minutes, the speaker will exit the pairing mode. You need to repeat the pairing steps again.
- · After the connection is successful, if you turn the speaker off and turn it on again, it will reconnect to the last connected device automatically. Also, a voice prompt, "Speaker on, ready to connect" followed by, "Your phone is connected" will be heard.
- **PRESS AND HOLD** * for 5 seconds to clear all pairing records.

Adjust Volume

- 1. Press or the briefly to adjust the speaker volume.
- 2. **PRESS AND HOLD** or of to adjust the volume continuously.
 - a. Press briefly to increase one volume level. **PRESS**AND HOLD to keep increasing the volume until maximum volume level is reached.
 - b. Press briefly to decrease one volume level. **PRESS AND HOLD** to keep decreasing the volume until minimum volume level is reached.

Play Music (Bluetooth Mode)

After the sound bar is connected to your Bluetooth device, press press briefly on the sound bar controls to play, press again to pause.

Press **\langle** briefly to play previous song. Press **\rangle** briefly to get the next song.

Notes:

- · Pair and connect your Bluetooth device with sound bar before using this feature.
- · If a call is received when you are listening to music, press priefly on the sound bar to answer the call. Press again to end the call.
- You can also control Volume and Play / Pause music operations from your Bluetooth enabled device. When the Audio Source is via the AUX-In connection, you must use your device to control Play / Pause music operations.

EcoTalk

PRESS AND HOLD for 3 seconds to activate the voice assistant on your device (Siri, OK Google, etc.). Once activated, the speakerphone mic on your sound bar will hear your voice commands and transfer them to the voice assistant on your device.

Notes:

- · Before using the EcoTalk function, your device must be connected to the sound bar via Bluetooth.
- · Not all devices have voice assistant functionality; refer to your device for details.

EcoCast - Broadcast Your Music to Multiple Speakers



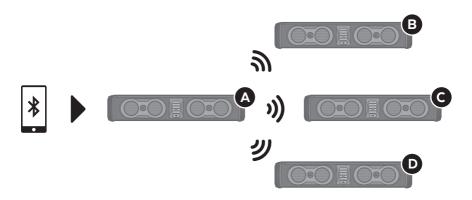
When you have two or more sound bars, you can build a broadcast system by initiating EcoCast Transmitting Mode in one sound bar speaker and broadcasting your music to one or more sound bar speakers in EcoCast Receiving Mode.

EcoCast: First Two Speakers



- Follow the Pairing a Bluetooth Device instructions to connect one SoundExtreme (Speaker A) to your Bluetooth device. After your device is connected to Speaker A, you can select a song to play.
- 2. Press on **Speaker A** to initiate EcoCast Transmitting Mode. The Mode LED Indicator (the third LED Indicator from the left) will flash Red, and the speaker will announce, "EcoCast transmitting."
- 3. Power on **Speaker B** and press to cycle through to and initiate EcoCast Receiving Mode. The Mode LED Indicator will flash Green, and the speaker will announce, "EcoCast receiving."
- 4. Once the connection between the speakers is successful, **Speaker B** will announce, "Connection Successful," and start playing music from your Bluetooth device.

EcoCast: Additional Receiving Speakers



- 1. Power on the additional SoundExtreme speaker(s) (**Speaker C** and **Speaker D**). Press to cycle through to and initiate EcoCast Receiving Mode. The Mode LED Indicator will flash Green, and the speaker(s) will announce, "EcoCast receiving."
- 2. On **Speaker A** (the speaker with the Mode LED Indicator shining solid Red), **PRESS AND HOLD** for 6 seconds. The Mode LED Indicator will flash Red.
- 3. Once the connection between the speakers is successful, **Speaker C** (and **Speaker D**) will announce, "Connection Successful," and start playing music from your Bluetooth device.

Notes:

- If all the speakers are turned off, then turned on, the speaker(s) in EcoCast Receiving Mode (Speakers B, C, and D) will automatically re-connect to the speaker in Transmitting Mode (Speaker A). If they are not automatically re-connected, please follow the above steps.
- You can also pair the sound bar with any other EcoCast speaker bearing the EcoCast symbol.
- The EcoCast functionality is only available while using Bluetooth as your Audio Source at a maximum range of 30 feet between speakers.
- · While connecting the sound bar speakers, make sure that the speakers are within a few feet of each other.

Listening to FM Radio (FM Mode)

Press briefly to cycle through to FM Mode. Press or briefly to tune in a radio station. To "seek" (jump to the next available station), **PRESS AND HOLD** either button down for a few seconds until it starts to seek a station.

When you tune and listen to a station, you can **PRESS AND HOLD** to assign the current station to Preset 1, or **PRESS AND HOLD** to assign the current station to Preset 2.

If you want to listen to a stored preset, briefly press either button to go to the stored radio station.

Party Lights

Press priefly to cycle through 6 Party Light Modes: Green Light, Red Light, White Light, Blue Light, Music Sync, and Fading.

Press briefly to cycle through 5 Light Modes: Red Light, Yellow Light, White Light (High), White Light (Mid), White Light (Low).

Accessory Mode



First, connect your accessory to the Auxiliary Power Out SAE Connector (12V only).

PRESS AND HOLD for 3 seconds to enable Auxiliary Power Out. The speaker will announce, "Accessory mode enabled."

PRESS AND HOLD again to disable Auxiliary Power Out. The speaker will announce, "Accessory mode disabled."

Use Caution: Do **NOT** connect to your accessory if the Auxiliary Power Out SAE Connector is wet. Contact may cause electric shock and injury if wet.

Remote Control

Pairing Your Remote Control

Before you use your Remote Control for the first time, pull and remove the plastic tab at the bottom of the Remote Control. Your Remote Control should be paired to your unit. **IF NOT** paired, please follow the steps below.

- Connect the sound bar to a 12V power supply. (Refer to Connecting to 12VDC Power Supply for details.)
- Within 15 seconds, PRESS AND HOLD (ACC) for 3 seconds. Your Remote Control will be paired with your sound bar.
- 3. Verify that your remote control works by pressing the if the speakers light up.



REMOTE CONTROL

If the speakers do not light up, unplug the 12V power supply, then repeat the above steps.

Once the remote is paired with the sound bar, it will remain stored in the sound bar's memory and should not need to be paired again.

Audio

Power On: PRESS AND HOLD of for 3 seconds to power on the sound bar. "Speaker on, ready to connect" voice prompt will be heard.

Power Off: PRESS AND HOLD of for 3 seconds to power off the sound bar.

Press **b** briefly to cycle through the following modes: Bluetooth, EcoCast Transmitting, EcoCast Receiving, FM, and AUX-IN.

After the sound bar is connected to your Bluetooth device, press briefly to play, press again to pause.

Press briefly to play previous song. Press bil briefly to get the next song.

Press or to briefly to adjust the speaker volume.

LED: Backlit Speakers

Press 🌣 briefly to turn on your speaker backlights.

Press — or \clubsuit briefly to cycle through the 6 Party Light modes.

LED: Light Bar

Press briefly to turn on your Light Bar.

Press — or + briefly to cycle through the 5 Light modes.

Remote Switch



First, connect your accessory to the Auxiliary Power Out SAE Connector (12V only).

Press Account briefly to enable Auxiliary Power Out. The speaker will announce, "Accessory mode enabled."

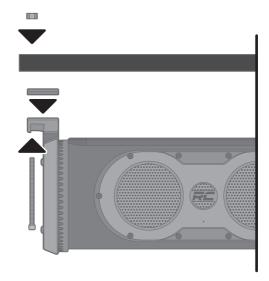
Press again to disable Auxiliary Power Out. The speaker will announce, "Accessory mode disabled."

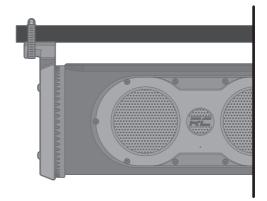
Use Caution: Do **NOT** connect to your accessory if the Auxiliary Power Out SAE Connector is wet. Contact may cause electric shock and injury if wet.

Mounting Your Speaker

- 1. To mount the speaker, first place the 2 Mounts on the ends of the sound bar at your desired orientation and attach them using three or four (depending on the orientation of your mount) Button Head Bolts, each. Tighten securely.
- 2. Ensure that the speaker fits in the desired location and mark where the mounts will be attached to your vehicle.
- 3. Drill holes at the desired mounting points on your vehicle, large enough for the provided ¼-20 Bolts to fit.
- 4. Place the Rubber Feet on both Mounts
- Attach the Mounts to your vehicle with the provided ¼-20 Bolts and Nuts. Tighten securely.

Tip: Alternatively to drilling holes into your vehicle, you can also use the provided Worm Clamps to secure the speaker to your vehicle.





Troubleshooting

The sound is distorted

Try lowering the volume control of your connected device or musical instrument. Also, try to reduce the overall volume of the sound bar.

Cannot Pair With Bluetooth Device

Make sure that your device is compatible with Bluetooth. Turn off your sound bar and Bluetooth device, then power on and reconnect. Make sure that Bluetooth mode is selected on your sound bar.

If there is poor FM reception

To adjust FM reception, move entire product.

Can NOT play music from a flash drive

The USB ports are only for charging USB devices.

Volume level is too low

Increase the volume on the sound bar and / or increase the volume on your Bluetooth device.

LED lights for show and off-road use only

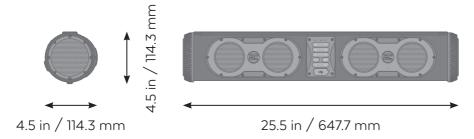
Check with local ordinance before using LED lights. Do **NOT** drive on public roads with LED lights on. LED lights are not DOT compliant.

Please do NOT attempt to fix your sound bar

Please contact our Customer Support at **roughcountry.com/contact** or call us at **800.222.7023**.

Specifications

Dimensions



Bluetooth Compliance

Bluetooth V 5.0

Bluetooth Frequency Band

2.402~2.480GHz ISM Spectrum

Modulation

GFSK, π/4-DQPSK, 8DPSK

Bluetooth Range

Up to 100 ft / 30m

Tweeter (2x)

1" (25.4 mm) tweeter

Woofer (2x)

4" (101.6 mm) woofer

Mid-Range Speaker (4x)

2.25" (57.15mm) speaker

Audio Output Power

500W (peak)

Power Supply

Input Voltage: 12VDC, 10A (requires connection to external DC battery for power)

USB Output

5V, 2.1A

EcoCast

Using Qualcomm® Broadcast Audio technology

EcoCast Range

30 ft / 9.1 m between Casting speaker and Receiving speakers

Compatibility

Mobile phone / device supporting Bluetooth V1.1 (and above)

Radio Frequency Range

US: FM 87.5 - 107.9 mHz

RF Remote Operating Frequency

433 MHz

Blade Fuse

15A, 32V

Storage Temperature

 -40° F to 122°F / -40° C to 50°C

Operating Temperature

23°F to 95°F / -5°C to 35°C

Waterproof / Dust Rating

IP66

FCC STATEMENT:

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

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

WARNING: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: To maintain compliance with FCC's RF Exposure guidelines, this equipment should be installed and operated with minimum distance between 20cm the radiator to your body: Use only the supplied antenna. FCC ID: 2AAUI-GDIEXSNDXTR01.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: reorient or relocate the receiving antenna, increase the separation between the equipment and receiver, connect the equipment into an outlet on a circuit different from that to which the receiver is connected, consult the dealer or an experienced radio/TV technician for help.

RF WARNING STATEMENT:

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

IC STATEMENT:

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

- 1.) This device may not cause interference, and
- 2.) This device must accept any interference, including interference that may cause undesired operation of the device.

PRODUCT USE AND PROTECTION:

Read and follow all instructions. Use only as intended.

The Rough Country Bluetooth speaker is intended to be used indoors or outdoors and in land or water environments. The speaker has been tested to IP66 waterproofing standards, which means the speaker can be exposed to dust and water, but should not be submerged underwater. The speaker is **NOT** intended for constant underwater use.

Always make sure the cap(s) / cover(s) are clean, free from sand or debris, and correctly fitted. The speaker will only meet IP66 ratings if all rubber seals, gasket(s) and cover(s) / cap(s) are in place. If you notice a muffling of audio after submersion, gently shake the unit to clear excess water. If your speaker is exposed to salt water, clean it thoroughly after use with fresh water.

To prevent fire or shock, do **NOT** attempt to install this unit if it is wet or you suspect water has entered the unit. In this situation, please call our customer support team at 1-800-222-7023 or visit roughcountry.com/contact.

SAFETY ADVISORY & WARNING:

Read and follow all instructions. Use only as intended.

CAUTION: Do **NOT** open to repair. A qualified technician must carry out repair work.

ATTENTION: Do **NOT** connect to a 12VDC power supply while the unit is wet. Make sure all connections are dry

BEFORE connecting to a power source. Failure to do so may result in electrical damage to the unit

and may void the warranty.

↑ WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

ATTENTION: Do NOT dispose of in a landfill. Contact a certified recycling agent to dispose of the unit.

SAFETY:

This product has a limited life span of use and should be replaced when it shows obvious signs of wear.

Do not modify or remove any original component parts of the speaker. Doing so could cause damage to the unit, allowing water to ingress. A unit with water ingress should not be used due to potential risk of fire or shock.

Please exercise care and good judgment when using your Rough Country speaker. Audio levels should be appropriate to your environment, comply with all local regulations, and always ensure that you can hear and be aware of any potential hazards around you.

You should always

- 1.) Use the Rough Country speaker in accordance with any music or noise rules and regulations.
- 2.) Properly seal the sound bar prior to and after each use when in humid or water environments to avoid water damage to the internal components. Salt water / air is particularly corrosive. Always make sure that the gaskets are sealed when in a salt water environment and that the unit is properly rinsed off after use.
- 3.) Properly clean the sound bar and ensure the gaskets have no sand, dirt, or water on them prior to storage.
- 4.) Store your unit with all caps properly sealed to avoid long term internal moisture damage inside your unit.

5.) Contact Rough Country or return the sound bar to a certified recycling center, if you suspect water ingress into the unit or if the unit has experienced a severe impact that may have affected the integrity of the unit to take on water.

You should never

- Never power your sound bar if you suspect water has entered the device. Powering a device with water inside could be potentially hazardous and cause fire or a spark.
- 2.) Never use your sound bar if you have dropped it or thrown it against a hard surface which may have destroyed the integrity of the speaker, housing, or gaskets. In the event of a severe impact to your unit, please contact Rough Country to review for potential damage.
- 3.) Never open the auxiliary doors in a water environment. This could cause water to ingress into the unit which could potentially be hazardous and cause a fire or a spark.
- 4.) Never connect a device to the auxiliary input jacks when in a water environment. The auxiliary jacks should only be used in a dry environment.
- 5.) Never attempt to fix, repair your sound bar. Please contact Rough Country.

CARE. MAINTENANCE & PRECAUTIONS:

- 1.) The unit is waterproof only when the caps and door are properly closed.
- 2.) Close the caps and door properly before use. If the unit is placed in a water environment without the caps or door properly closed, water may enter into the unit and void your warranty.
- 3.) Dry unit completely before opening the caps. Do NOT open the caps if wet or in a wet environment.
- 4.) Do NOT apply excessive force to any surfaces of the unit when wet or in a wet environment.
- 5.) Do **NOT** use or store the unit in places with high temperature.
- 6.) AVOID prolonged exposure to ultraviolet radiation (UV sunlight) and strong magnetic fields.
- 7.) Periodically check the rubber seal on the caps and door for premature wear.
- 8.) Periodically clean the rubber with a soft moist cloth and ensure no objects such as dirt, hair, sand are on the rubber seal ring. Do **NOT** use any oily solvent or chemicals for cleaning.
- 9.) Rinse off the unit with tap water after use in salt water.
- 10.) Power the unit by attaching the 12V Power In SAE Connector to the 6" Power Cable intended for use with the unit. The unit must be connected to a 12VDC power source. If the battery terminal voltage is not 12V, you will need a DC-DC converter with output 12V. Connecting the unit to a non-12VDC power source will lead to a malfunction or damage to the unit.

LIMITED MANUFACTURER'S WARRANTY:

Your Rough Country Sound bar is covered by a 1-year limited warranty that covers defects in workmanship and / or materials for a period of 1 year from original purchase date. This warranty does not apply to any products which have been abused, neglected, modified or used for a purpose other than the one for which they were manufactured. Please refer to the above care and maintenance instructions for suggested care details. The warranty is valid only for the original owner who purchases the unit from an authorized dealer. Transfers do not qualify for warranty protection. Rough Country reserves the right to replace any out-of-stock or discontinued product with a comparable product. Discontinued products may not be available for warranty replacement. Warranty terms may be revised without notification at the discretion of the manufacturer. Please visit www.roughcountry.com for additional product & warranty information.



This product is protected under patent US 9,307,307 B2 and several patents pending.

ROUGH COUNTRY

What's in the Box



Sound bar Speaker



8ft Power Cable



Sound Bar User Guide



Sound Bar Remote Control



Auxiliary Power Out Mating Connector



(2x) 1/4-20 SHCS Bolt -3.5" long



Allen Wrench for 1/4-20



(2x) 1/4-20 SHCS Bolt - 2" long



(2x) 1/4-20 Stud -1.5" long



(2x) Mounts



(2x) 1/4-20 SHCS Bolt - 1.25" long



(2x) 1/4-20 SHCS Bolt - 0.5" long



(8x) #8-32 Button Head Bolts







Feet



(2x) Rubber (4x) Worm Clamps - 1/2" Width



(2x) 1/4-20 Washer (L)



(2x) 1/4-20 Nut