

# Audio Rocker Switch Remote Control

Model: SEI-SETXAUD



## User Guide

# Important

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- Please read this User Guide before installation and use.
- **CAUTION:** The power input voltage range for your Audio Rocker Switch Remote Control (referred to as Switch) is 9V to 16V. It is designed to work with a +12V DC battery power supply. If your vehicle battery power output is not 12V (e.g., 24V, 36V, or 48V), you will need a voltage converter with 12V output (e.g., a 48V-to-12V converter). Connecting the Switch directly to higher voltages will cause damage to your device and **VOID THE PRODUCT WARRANTY**.
- The Switch is capable of handling switching power with current loads up to 20A at 12VDC. Don't connect it to a device with operating current exceeding 20A.
- The Switch has a Remote Turn-On Output feature; this is an optional connection. When the Switch is turned on, it outputs a 12V signal, which can be used to control the Remote Turn-On Input on many SoundExtreme products, including our marine radios, and amplified tower speakers (sold separately).
- The Switch has a built-in RF remote transmitter, which is designed to pair with and control SoundExtreme soundbars, marine radios, and amplified tower speakers (sold separately).
- The Switch fits in a standard Carling rocker switch opening, which is commonly used in the dashboard of many off-road vehicles, boats, and golf cars. The Switch panel is waterproof; however, the housing behind the panel is only splash proof.
- **CAUTION:** In order to make sure there is no potential damage to your audio system, unplug or power off your audio equipment until after all connections are completed.

## Features

The Switch is an all-in-one device providing power, audio, and LED lighting (Scenes) controls to a paired SoundExtreme product.

### Remote Turn-On Output

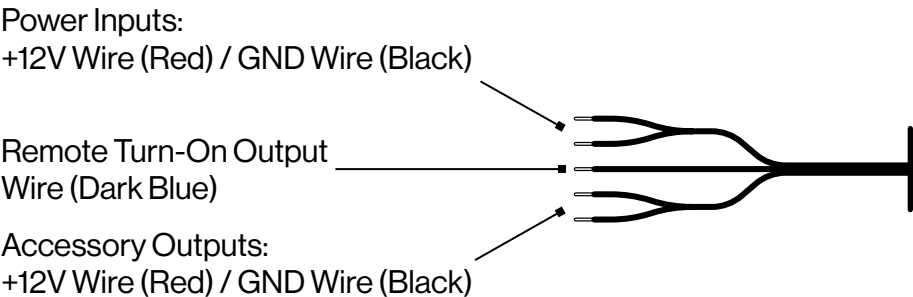
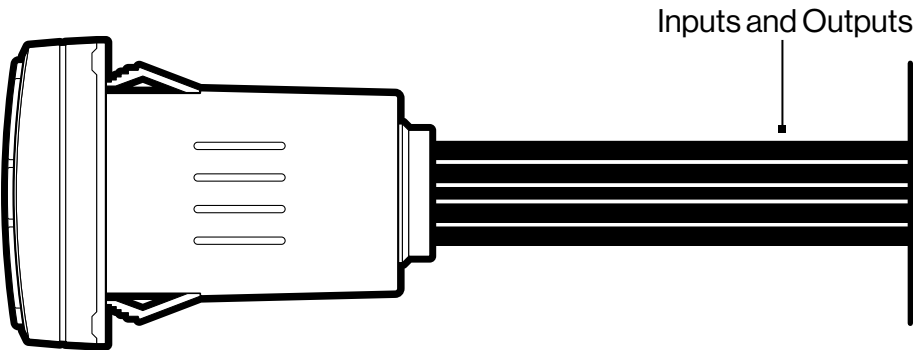
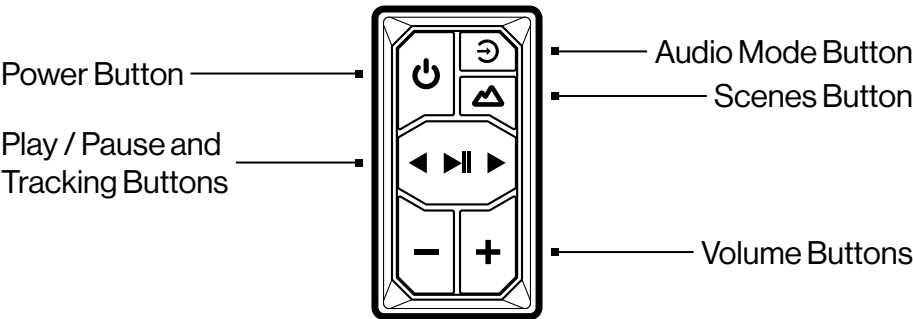
In addition to operating as a power switch, the Switch also has a +12V Remote Turn-On signal output, which can be connected to a SoundExtreme product's Remote Turn-On Input. That SoundExtreme product can then be automatically turned on or off when you turn the Switch on or off.

### RF Remote Transmitter

The Switch has a built-in RF 433MHz remote transmitter, which is used to pair with and control SoundExtreme audio products. The first time you use the Switch, you will need to pair it with a product. Once they are paired, your product will remember your Switch. Next time you power on your product, your Switch's remote functions will be ready to use.

# Switch Overview

## Switch Layout



## Connectors

### Input:

- Power Input: +12V, GND – Connect to your vehicle's +12V battery. Only connect to a +12V DC power supply.

### Outputs:

- Remote Turn-On Output: +12V signal output when the Switch is on.
- Power Outputs: +12V, GND – Connect to a SoundExtreme product's power input (maximum current not exceeding 20A, 12V).

## Button Functions

### Power Button

- **Press and hold** for 3 seconds to turn the Switch on or off.
- When the Switch is on, short-press to turn the button backlights on or off.
- When the Switch is on, double-click to enable RF Remote Pairing with a SoundExtreme product.

### Audio Mode Button

- Short-press to cycle through the Audio Modes on the paired SoundExtreme product(s). Different SoundExtreme products may have different Audio Modes. For example, the SoundExtreme Elite Soundbar has 5 Audio Modes: Bluetooth (Speaker Mode), EcoCast Transmitting, EcoCast Receiving, FM, and Aux-In.

### Scenes Button

- Short-press to cycle through the 5 pre-defined Scenes (LED lighting presets) on the paired SoundExtreme product.
- If the paired SoundExtreme product has an LED Light Bar or Dome Light, **press and hold** to turn it on or off.

# Switch Overview

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## Play / Pause and Tracking Buttons

- When the paired SoundExtreme product is in Bluetooth mode, press the Play / Pause Button ►|| to play or pause audio.
- When the paired SoundExtreme product is in Bluetooth Mode, press ◀ or ▶ to skip to the previous or next audio track.
- When the paired SoundExtreme product is in FM Mode, press ◀ or ▶ to tune to the previous or next radio station.
- Press ◀ and ▶ at the same time to clear Bluetooth pairing records.

## Volume Buttons

- Press — or + to decrease or increase the volume.

## Installing Your Switch Onto Your Vehicle

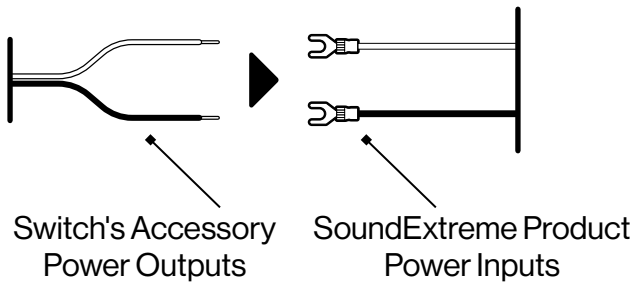
The Switch is designed to snap into a standard Carling style rocker switch opening.

- If you already have that style of an opening on your vehicle, you can simply snap the Switch into place.
- If your vehicle doesn't already have that style of an opening, you will need to cut a rectangular hole into your vehicle. Before you cut, please refer to the dimensions under the Specifications section to determine the cutout size.

## Connecting to an External Speaker

If you want to provide power to and control an external SoundExtreme product's power on and off feature, you will need to connect it to the Switch's Accessory Power Outputs and Remote Turn-On Output.

### Accessory Power Outputs



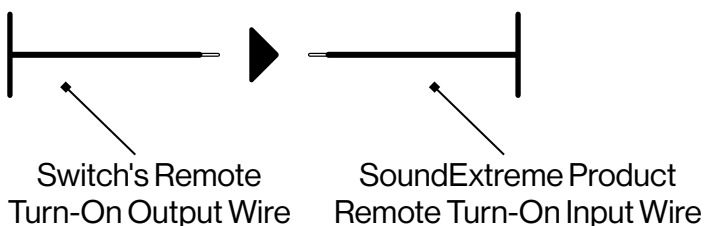
Connect the Switch's Accessory Power Outputs (+12V and GND) to the power inputs on the SoundExtreme product you want to control.

- Make sure that the Switch's **RED** +12V Wire is connected to the SoundExtreme product's **RED** Wire and the Switch's **BLACK** GND Wire is connected to the SoundExtreme product's **BLACK** Wire.

# Installation and Wiring

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## Remote Turn-On Output



Besides the 12V power supply, the Switch has an optional Remote Turn-On Signal Output to turn on and power off the SoundExtreme product you want to control. The output voltage is 12V.

If your SoundExtreme product has a Remote Turn-On Input, follow the steps below:

1. Connect the Switch's (Dark Blue) Remote Turn-On Output Wire to the SoundExtreme product's Remote Turn-On Input. You may need an extension cable (not included).
2. Once the connections are completed, the SoundExtreme product will automatically turn on or off when the Switch is turned on or off.



## Connecting to 12VDC Power Supply

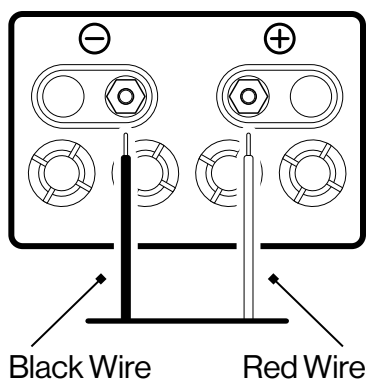
When you install the Switch to a battery or a voltage regulator on a golf cart, a boat, a quad bike, a UTV, or another vehicle, you need to make sure that your vehicle battery or battery pack terminal voltage is 12VDC. If the battery terminal voltage is not 12V, you will need a DC–DC converter with output 12V. Connecting the Switch to a non-12VDC power source will lead to a malfunction or damage to the Switch.

**Recommendation:** If you are not familiar with all of the vehicle's battery or ignition switch connections, consult your vehicle's manual or a technician. Incorrect connections to your vehicle's battery or ignition signal terminal may cause damage to your speaker and your vehicle.

Connect the +12V and GND wires to the 12VDC power supply.

- Make sure that the **RED Wire** is connected to +12V battery's positive (+) terminal and the **BLACK Wire** is connected to battery's negative (-) terminal.

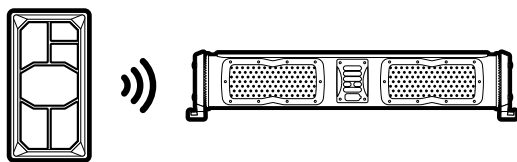
**WARNING!** Only connect to a 12V power supply. Do **NOT** connect to a 24V, 36V, or 48V power supply. Connecting the Switch directly to these higher voltages will cause damage to the Switch and **VOID THE PRODUCT WARRANTY.**



# Audio Functions


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## First Time RF Remote Pairing




The first time you use the Switch, you will need to pair the Switch with a SoundExtreme product. This process is only needed for the first time you use the Switch with a product.

Please follow the steps below for first-time pairing:

1. **Press and hold** the Power Button  to turn the Switch on.
2. Enable RF remote pairing on your SoundExtreme product.

**Example:** On a SoundExtreme Elite Soundbar, **press and hold** both the  and  Buttons on the Soundbar at the same time for 3 seconds. The Soundbar's LED Party Lights will flash Green, indicating it is ready to pair with a remote.

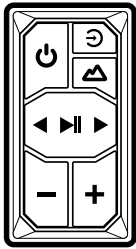
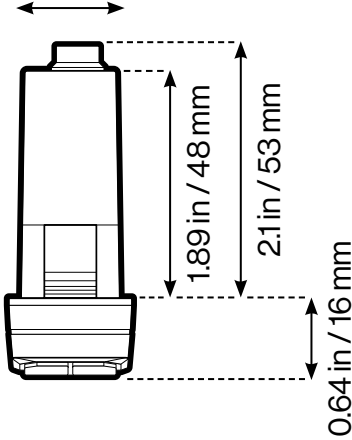
3. On your Switch, double-click the Power Button . Your Switch will start pairing.
4. Once paired, a SoundExtreme Elite Soundbar's LED Party Lights will rapidly flash Green 3 times, indicating a successful pairing.

**Note:** If the paired SoundExtreme product is not a Soundbar, it may produce a different prompt to indicate a successful pairing. Please refer to the product's User Guide.

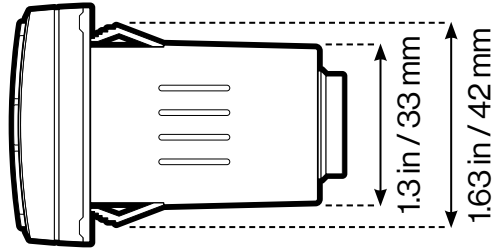
5. Now you can press a button on the Switch, such as the Audio Mode Button, to check if your SoundExtreme product responds.

## Dimensions

0.82 in / 21 mm



1.02 in / 26 mm



2.74 in / 70 mm

### Unit Weight

4.59 oz (130 g)

### Power Input

9-16V, 20A

### Power Output

9-16V, 20A

### Remote Turn-On Output

12V, 1.2mA

### Storage Temperature

-40°F to 122°F / -40°C to 50°C

### Operating Temperature

23°F to 95°F / -5°C to 35°C

# Important Legal Information

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## 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:** FCC's RF Exposure guidelines, this equipment should be installed and operated with minimum distance between 20cm the radiator to your body.

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 SoundExtreme unit is intended to be used indoors or outdoors and in land or water environments. The unit has been tested to IP66 waterproofing standards, which means the unit can be exposed to dust and water, but should **NOT** be submerged underwater.

To prevent fire or shock, do **NOT** attempt to power this unit if it is wet or you suspect water has entered the unit. In this situation, please return the unit to SoundExtreme for a free assessment. If we have found that the unit has carried water, we will repair or replace the unit free of charge.

## 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 SoundExtreme product with LEDCast technology 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](http://www.P65Warnings.ca.gov)

**ATTENTION:** Do **NOT** dispose of in a landfill. Contact SoundExtreme at [www.gracesupport.com](http://www.gracesupport.com) or 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 charged due to potential risk of fire or shock.

Please exercise care and good judgment when using your SoundExtreme unit.

### You should always

- 1.) Return the unit to SoundExtreme 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.

# Important Legal Information

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## You should never

- 1.) Never power your SoundExtreme unit 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 SoundExtreme unit if you have dropped it or thrown it against a hard surface which may have destroyed the integrity of the housing. In the event of a severe impact to your unit, please return the unit to SoundExtreme to review for potential damage.
- 3.) Never attempt to fix, repair your SoundExtreme unit. Please send it back to SoundExtreme for any assessments and repairs.

## CARE, MAINTENANCE & PRECAUTIONS:

- 1.) Do **NOT** apply excessive force to any surfaces of the unit.
- 2.) Do **NOT** use or store the unit in places with high temperature.
- 3.) **AVOID** prolonged exposure to ultraviolet radiation (UV sunlight) and strong magnetic fields.

## LIMITED MANUFACTURER'S WARRANTY:

The Switch 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. SoundExtreme 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. Any contents are **NOT** covered by the limited manufacturer's warranty. Warranty terms may be revised without notification at the discretion of the manufacturer. Please visit [www.soundextreme.us](http://www.soundextreme.us) for additional product & warranty information.



Audio Rocker Switch Remote Control by SoundExtreme Inc., Houston, Texas.  
Designed in Texas. Made in China.



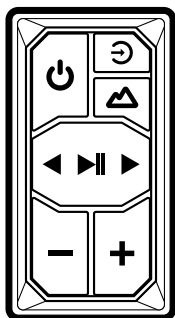


[soundextreme.us](http://soundextreme.us)

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## What's in the Box

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Audio Rocker Switch  
Remote Control



User Guide