Bluetooth<sup>®</sup>

ATV6.5B

**USER'S MANUAL** 

**BLUETOOTH®** | AMPLIFIED ALL-TERRAIN SOUND SYSTEM

FEATURING 6.5" MARINE SPEAKERS AND 1" WATERPROOF TWEETERS





**BOSS Audio Systems** 3451 Lunar Court • Oxnard, CA 93030 www.bossaudio.com 805-751-4853 Customer Service Tech Support: www.bossaudio.com/support



Thank you for purchasing this

ATV6.5B All-Terrain Sound System

Please read through these instructions carefully so you will know how to operate your model properly.

After you have finished reading the instructions, keep this document in a safe place for future reference.

## THIS PACKAGE CONTAINS

1x All terrain sound system (with a cigarette lighter plug)



1x Cigarette lighter plug adapter

1x AUX cable with 3.5 mm plug

2x Mounting straps + 2x Nylon zip ties

1x User manual + 1x Warranty card



#### **IMPORTANT**

Please enter below the Serial No. which is located on the exterior of the product. Retain this information for future reference

Model Serial No.

Date of Purchase \_

Mounting

### **Mounting on ATV or UTV**



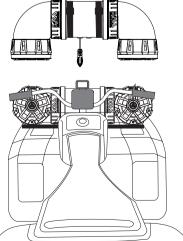
Always consult technical personnel if you are in doubt about installation.

Use only the supplied accessory for mounting. Using other mounting methods may void the warranty. To ensure safety of the mounted sound system, always check the mounting conditions (e.g. mounting straps) of the sound system before each vehicle ride.

1. Using the two supplied mounting straps and zip ties, secure the sound system on the rails or roll bars of the vehicle, as shown in the figure below. Make sure the sound system is securely attached to your vehicle.

No special tool is required when mounting the sound system on ATV or UTV.

The illustration is for reference only. Your vehicle may vary.



## **Before You Start**

Read and understand all instructions before you use your product. If you do not follow the instructions in this manual, we are not responsible for injury or damage resulting from improper handling. This will also void the warranty.

### **Important Safety Precautions**

- · Be sure to observe the following guidelines:
- Do not increase speaker volume so high that you cannot hear what is around you.
- Use caution or temporarily discontinue use in potentially hazardous situations.
- · Do not make any adjustment on the product when driving or in other situations where distractions can be hazardous. Responsible and safe driving is your primary responsibility when operating a vehicle.
- · Start volume at a low setting then gradually increase the volume until you can hear it comfortably, without sound distortion and ear discomfort.
- In the event of smoke, strange noise or odor emitted from the product or any other abnormal operational signs appearing on the product, disconnect the product from the power supply. Discontinue use and contact your dealer or our technical support. Using the product in this condition may result in permanent damage to
- Servicing must only be carried out by a technician. Contact our technical support for any service question.

#### Installation Precautions

- · WARNING: Always consult a professional installer.
- Installation must be performed by a professional. Contact our technical support for any installation question.
- Observe the safety and operating instructions of the devices which are connected to the product.
- Only use attachments/accessories specified by the manufacturer for installation.
- Do not modify this product, as this affects the safety of the product. Risk of injury or damage to the product.
- · Before installation, disconnect the negative terminal of the vehicle battery to prevent damage to the product, fire, and/or possible injury.

## Care for Your Product

- DO NOT clean the product in hot weather (e.g. hot sunlight).
- DO NOT use abrasive or highly alkaline cleaner on the product.
- DO NOT use gasoline, acetone, carbon tetrachloride or other aggressive chemical solutions on the product.
- DO NOT scrape the product with razor blade or other sharp instrument.
- · This product is water resistant. However, never submerge the product to water.
- · Wash the product with lukewarm water and mild soap or detergent, using a clean sponge or soft cloth. Rinse well with clean water.

## **Power Connection**

### Power Connection to Cigarette Lighter Socket (Option 1)

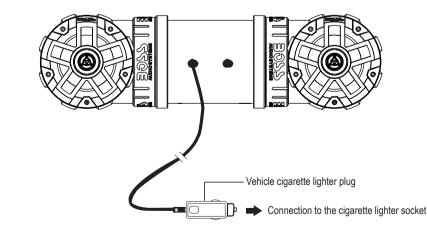
The sound system can be powered by direct connection to your vehicle cigarette lighter socket as an optional power supply.



See "Before You Start" section for installation precautions.

This sound system is operated with 12 V DC vehicle voltage. Never connect the sound system to any other voltage supply (e.g. 24 V DC power supply in trucks or buses).

1. Simply insert the cigarette lighter plug of the sound system into your vehicle cigarette lighter socket. When the power supply is connected, the power LED indicator lights up.



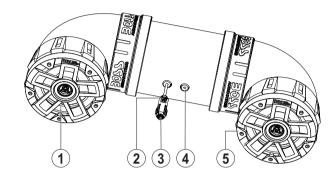
## **Getting to Know Your ATV6.5B**

The product is a Bluetooth speaker system which is ideal for installation in a ATV (All Terrain Vehicle) or UTV (Utility Vehicle). Through Bluetooth connection, audio can be streamed from a mobile phone to this product and a hands-free function is available for voice call. With the 3.5 mm audio cable connection, music from an audio device (e.g. a mobile phone or MP3 player) can be played on this product.

This product is shockproof and water resistant. This product is operated with 12 V DC vehicle power supply. Never connect this product to any other voltage supply.

Please read this manual carefully so you will know how to operate your product properly. After you have finished reading this manual, store it in a safe place for future reference.

#### **Product Overview**



1 Speaker

- 4 AUX input jack (3.5 mm)
- 2 Power LED indicator

3 Vehicle cigarette lighter plug

- 5 Speaker

## **Power Connection**

## Power Connection to Vehicle Battery (Option 2)

The sound system can be also powered by connection to your vehicle battery as an optional power supply.



To avoid short circuits and any resulting damage to the sound system, the negative terminal of the car battery must be disconnected first.

We recommend a fuse and fuse holder (both not included) with minimum rating of 15 A are in line with the positive terminal of the vehicle battery.

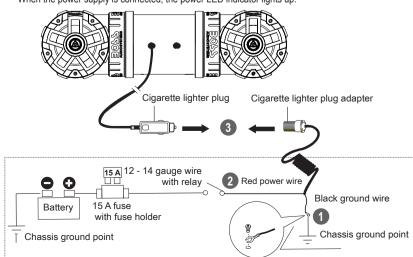
The ground cable length should not exceed 18" (45.7 cm).

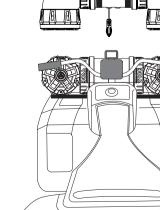
See "Before You Start" section for installation precautions.

- 1. Connect the black wire of the cigarette lighter plug adapter to the chassis ground point.
- 2. Connect the red wire of the cigarette lighter plug adapter to the positive terminal of the vehicle battery using 12 - 14 gauge wire (not included).

We recommend installing a relay and 15 A fuse and fuse holder in line with the vehicle battery (Relay, fuse and fuse holder are not included). See the illustration below.

3. Connect the cigarette lighter plug of the sound system into the cigarette lighter plug adapter. When the power supply is connected, the power LED indicator lights up.

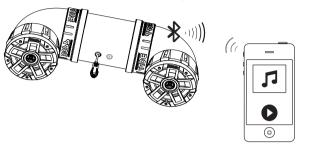


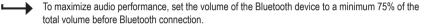


Bluetooth Play

Before you can stream music from your mobile device (iOS device or Android device) to this sound system through Bluetooth, pair the sound system with your mobile device.

- Make sure the AUX cable is not connected to the sound system. Then connect to power supply.
   The power LED indicator on the cigarette lighter plug lights up, and the sound system will automatically enter pairing mode.
- 2. On your mobile device, enable Bluetooth function and select the device name ("Boss Audio ATV6.5B") to pair the sound system with the mobile device.
- If prompted for password input on your mobile device, input "0000".
- If no Bluetooth device is paired within two minutes, the sound system will automatically exit pairing mode. In this case, you need to repeat the steps above to re-enter the pairing mode.
- After pairing, select and play audio files on your mobile device, and audio will be streamed to the sound system. Use the volume control on the connected device to adjust volume.





After pairing, the sound system will be automatically connected to your mobile device each time the two are turned on.

Operating the sound system consumes the vehicle battery. To avoid battery exhaustion, be sure to run the vehicle engine when operating the sound system.

Operational range can be reduced by any obstacle between the sound system and the device. If the connected device is out of the effective range from the sound system, the device will be automatically disconnected. The device will be automatically re-connected if it is within the effective range again.

The sound system automatically re-connects the last paired device only. If your mobile device is not the last paired device, make sure no other device is currently paired with the sound system then repeat the steps described above to manually re-connect the sound system to the mobile device.

**Specifications** 

AUX Play

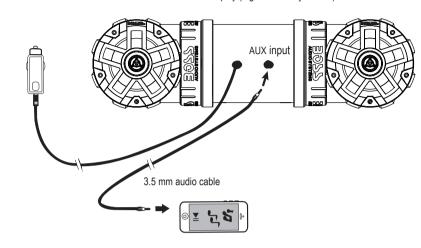
Yon can listen to an external audio device (e.g. MP3 player or a mobile phone) through this sound system.

Using the supplied AUX cable, connect to the AUX input jack (3.5 mm) on the sound system to the headphone
jack on your audio device.

If the sound system is currently connected to a mobile device through Bluetooth, Bluetooth connection will be automatically disconnected.

Select and play audio files on your audio device. Audio from the connected device will be played on this sound system.

Use the controls on the connected device to control play (e.g. volume adjustment).



To maximize audio performance, set the volume of the connected device to a minimum 75% of the total volume before connection to the audio device.

To resume Bluetooth connection, you must disconnect the AUX cable from the sound system.

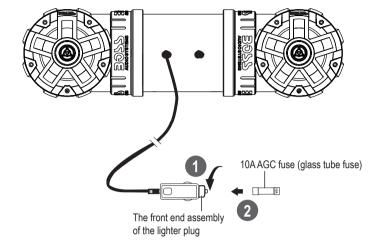
Operating the sound system consumes the vehicle battery. To avoid battery exhaustion, be sure to run the vehicle engine when operating the sound system.

Fuse Replacement

## Fuse replacement of the vehicle cigarette lighter plug

If the power LED indicator on the vehicle cigarette lighter plug does not light up, this indicates the fuse inside the cigarette lighter plug is blown. Replace the blown fuse with a 10A AGC fuse type only.

Turn counterclockwise the front end assembly of the cigarette lighter plug to open to access the fuse.
 Replace with a new 10A AGC fuse (not included). Then replace the front end assembly of the cigarette lighter plug.



## Troubleshooting

If you have problems using this product, check the following points before you request service. If you still have a problem, contact our technical support.

Problem	Solution
No power	The fuse inside the vehicle cigarette lighter plug is blown. Replace the fuse.
	The ACC switch of the vehicle is not engaged. Turn the ACC switch on.
No sound	Volume of the connected device is low or muted. Increase volume on the connected device.
	Playback on the connected device pauses or stops. Resume playback on the connected device.
Cannot connect through Bluetooth	Make sure the AUX cable is not connected to the sound system.
	Bluetooth function on the device is disabled. Refer to the device's user manual on how to enable Bluetooth function.
	Make sure the device is within range.
	The sound system is already connected with another Bluetooth device. Disconnect the current Bluetooth connection.
Audio quality from Bluetooth connection is poor.	Move the device closer to the sound system or remove obstacles or sources of interference that are affecting Bluetooth reception.
No response	Power glitch or interference. Disconnect power for ten seconds then reconnect power.

## **Care of the Environment**

Do not throw away the product with the normal household waste at the end of its life, but hand it in at an official collection point for recycling. By doing this, you help to preserve the environment.

# 1

Notes

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Bluetooth version	5.0 / EDR
Bluetooth profile	A2DP
Bluetooth frequency	2402 - 2480 MHz
Transmission power	<4 dBm
Transmission distance	up to 100 ft (line of sight)

## Speakers

Dimensions	6.5" / 165.1 mm
Cone type	PP carbon + rubber surround
Tweeter size	1" PEI soft dome

## Amplifier

Amplifier class	Class D
Input impedance	10 kΩ
Frequency response	45 Hz - 22 kHz

#### General

General	
Input voltage/current	12 V DC (allowable 10 - 16 V DC)
Current draw	max. 10 A
Fuse	10 A AGC type
Material	Polypropylene cone
Weight	10 lbs / 4.6 kg

## Dimension drawing

