ATV/UTV SOUND BAR

FEATURES BUILT-IN CLASS A/B AMPLIFIER AND MULTICOLOR ILLUMINATION OPTIONS

User Guide

These instructions cover the following part number

ABG 397

INDEX

Thank you for purchasing ATV / UTV Sound Bar.

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:

(1) SOUND BAR All-Terrain Speaker System

(2) Mounting Kit

(3) Power Accessory Extension Adaptor

(4) Remote Control

(5) User Manual

BEFORE YOU START

IMPORTANT SAFETY PRECAUTIONS

1. Do not operate mobile equipment while driving a motorized vehicle – safe driving and safety consideration of others should always be your highest priority.
2. In the event you should notice smoke, strange noises or odor from this product, or any other abnormal signs, immediately turn off the power. Using this product in this condition may result in permanent damage to the system.
3. Set your volume control at a low setting, then slowly increase the sound until you can hear it comfortably without distortion, or ear discomfort.
4. Be sure to observe the following GUIDELINES:
a. Do not turn up the volume too loud that you can't hear what's around you.
b. Use caution or temporarily discontinue use in potentially hazardous situations.

INSTALLATION PRECAUTIONS

1. Do not attempt to service this product by yourself. Servicing of this product by persons without professional training and experience in electronic equipment and motorized vehicle accessories may be dangerous and could expose you to the risk of electric shock, injury or other hazards.
2. Contact StarknightMT customer service for any installation, service questions or requests.
3. The SOUND BAR can be powered from a vehicle's cigarette lighter auxiliary power outlet, or hard wired directly to the battery through an optional relay / accessory switch.
4. When wiring directly to the vehicle's battery, disconnect the negative terminal of the battery before starting any wiring procedures. It is recommended to install an inline fuse and fuse holder (not included) with a minimum rating of 15A on the positive battery terminal.
5. The ground cable length should not exceed 18 inches (see wiring diagram).
6. The SOUND BAR has a weather-resistant design, it should not be under any circumstances submerged in, or underwater.
7. Use only the installation parts provided with the SOUND BAR.
8. Wash with a mild soap or detergent and lukewarm water using a clean sponge or a soft cloth.
9. Rinse well with clean water.

"DO NOTs" —VERY IMPORTANT

1. DO NOT clean in hot sun or on very hot days.
2. DO NOT use abrasive or highly alkaline cleaners on the main body.
3. DO NOT scrape the main body with razor blades, or other sharp instruments.
4. DO NOT ever use, gasoline, acetone or carbon tetrachloride.

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

⚠ CAUTION: Using other mounting methods may void this warranty.

GETTING TO KNOW YOUR SOUND BAR
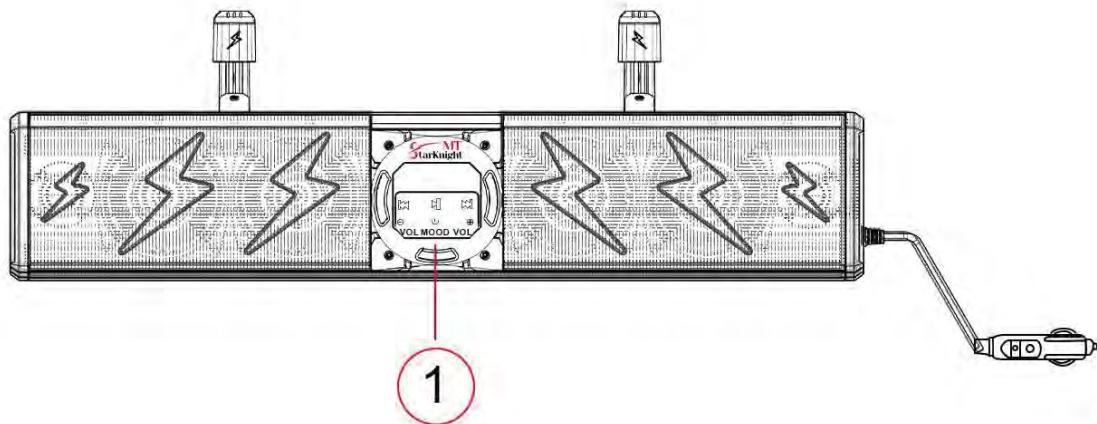
1. Control Panel
2. RCA Output
3. USB Jack
4. 3.5mm AUX-INPUT
5. Led Power Indicator
6. Cigarette Power Cable Adaptor
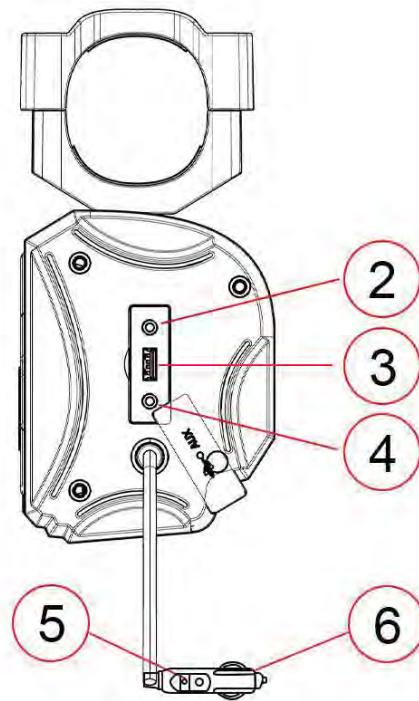
REMOTE CONTROL

GETTNG TO KNOW YOUR REMOTE
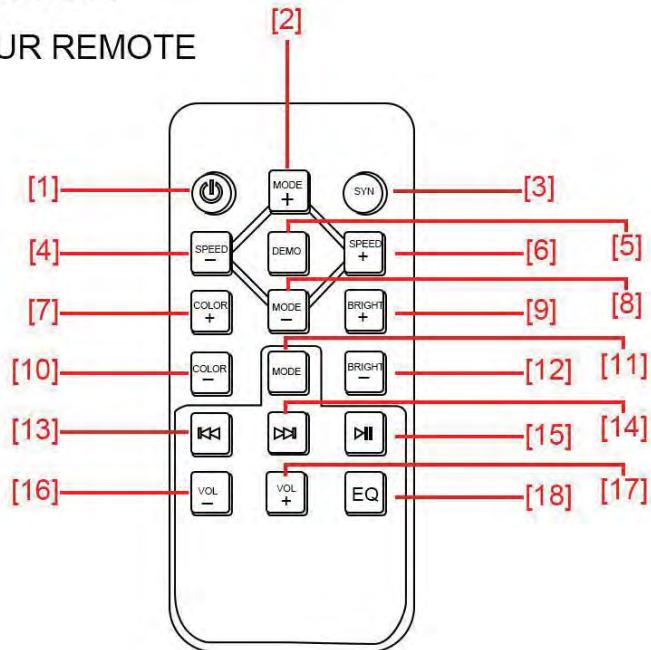
(1)	Power Remote	(2)	LED Light Mode Up
(3)	RGB Remote	(4)	Speed Down
(5)	Auto Demo	(6)	Speed Up
(7)	Color Up	(8)	LED Light Mode Down
(9)	Brightness Up	(10)	Color Down
(11)	Mode	(12)	Brightness Down
(13)	Previous Track	(14)	Next Track
(15)	Play/Pause Button	(16)	Volume Down
(17)	Volume Up	(18)	EQ

1. RF controller range: Up to 25ft (LoS).
2. Do not obstruct the RF remote with metal.
3. Always keep away from small children.
4. DO NOT expose to direct sunlight.

SIX EQ SOUND MODES: EQOF: OFF (Normal playback)
POP: Pop
ROCK: Rock
CLAS: Classical
JAZZ: Jazz
FLAT: Flat

BLUETOOTH OPERATION
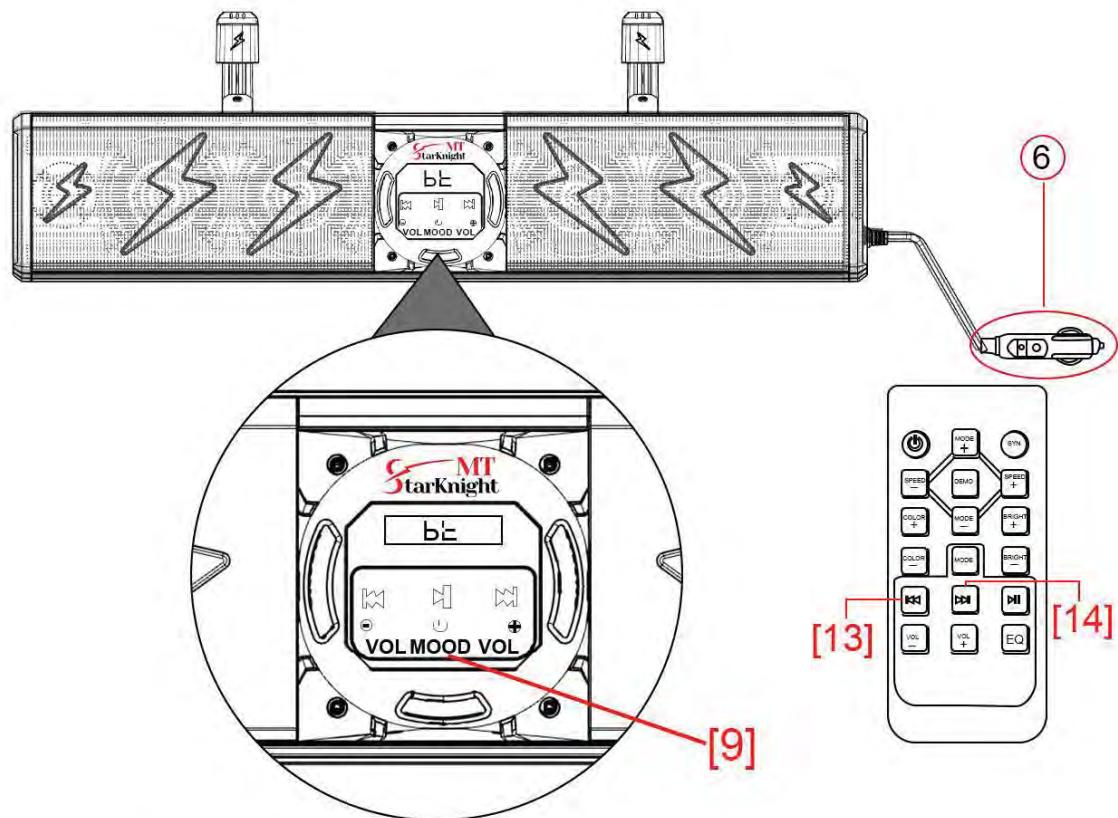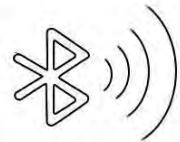
Note: To pair the SOUND BAR with Bluetooth using the remote control, ensure the SOUND BAR is powered off. Press and hold the [13] [14] buttons on the remote control for 3 seconds until the LED light begins to flash. Then, power on the SOUND BAR to complete the pairing process.

PAIRING AND DISCOVERING A NEW BLUETOOTH CONNECTION

1. Power on the SOUND BAR by plugging in the male cigarette lighter adapter into the ⑥ female socket.
2. Once powered, the SOUND BAR will turn on automatically. Press and hold the [9] MODE button for 3 seconds to turn the system on or off.

ANDROID users:
a. Go into the Settings Menu of your device.
b. Enter the Bluetooth Menu.
c. TURN ON Bluetooth and press SCAN.
d. "SK-S1" will now be displayed and tap it to connect.

iOS users:
a. Go into the Settings Menu of your iOS device.
b. Enter the Bluetooth Menu.
c. TURN ON Bluetooth and press SCAN.
d. "SK-S1" will now be displayed tap it to connect.

3. If the connection fails, power off the SOUND BAR and restart the procedure over again after 2 minutes.

5

BLUETOOTH OPERATION
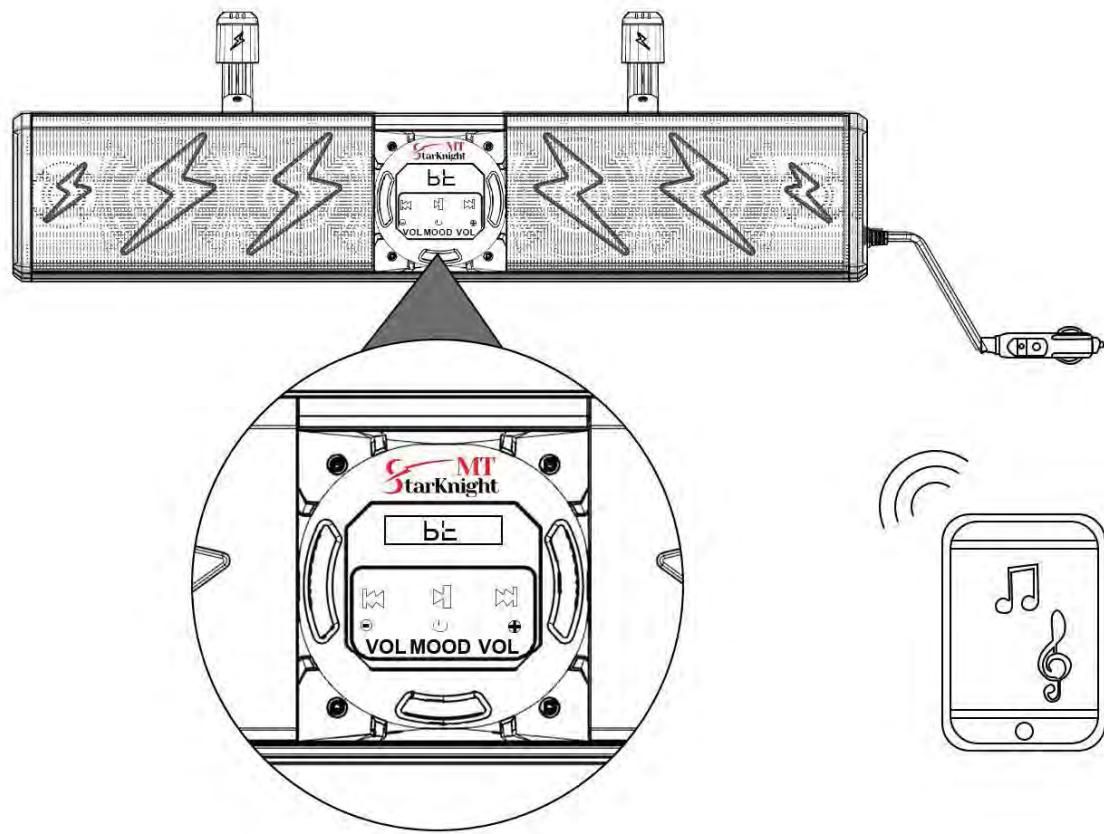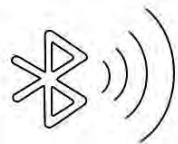
RECONNECTION

1. Power on the SOUND BAR and your last paired Bluetooth device.
2. If the device is out of range from the SOUND BAR, it will disconnect automatically; the SOUND BAR will reconnect automatically to your device when in range.
3. If you power on the SOUND BAR and enable Bluetooth, but it's still unconnected:
a. Ensure no other devices are currently connected to the SOUND BAR.
b. Ensure your phone device is not connected to any other devices.

TIPS:
Using this product without running the engine can drain the battery. To avoid battery exhaustion, be sure to use it when running the vehicle's engine.

STREAMING MUSIC
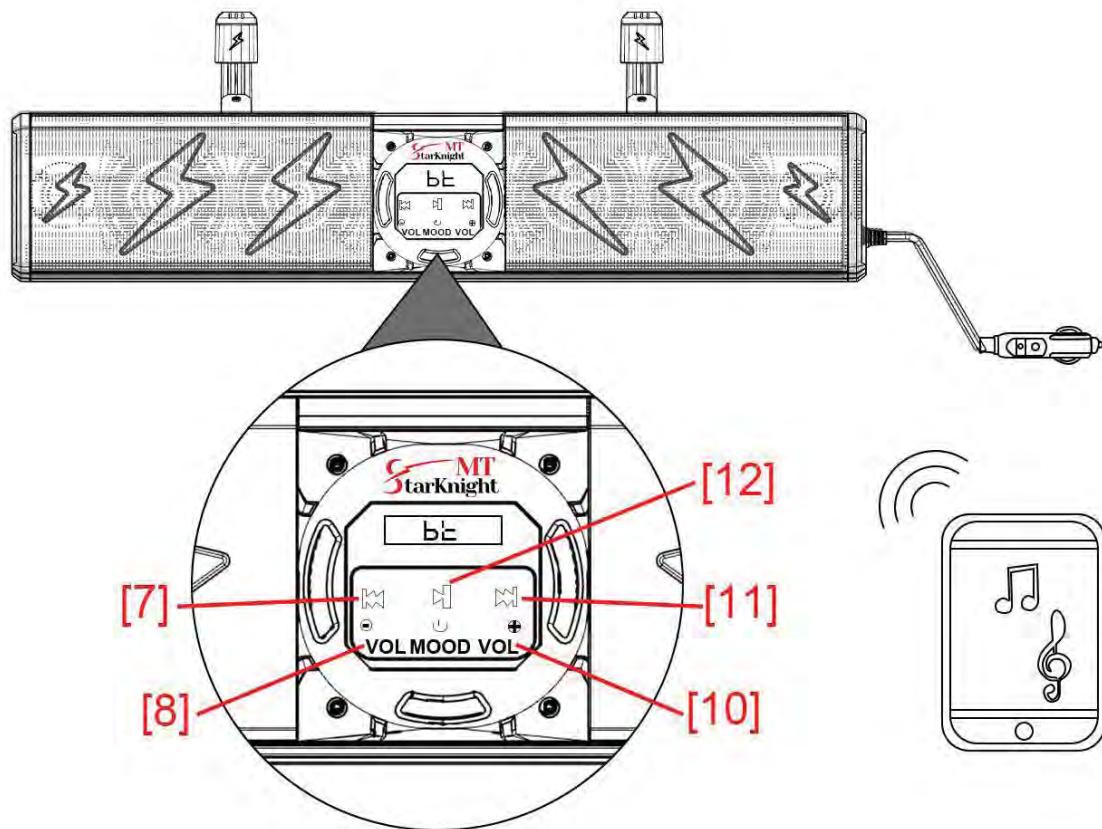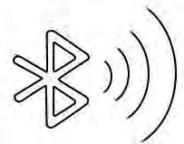
MULTIFUNCTION CONTROLLER BLUETOOTH OPERATION

1. To play or pause, press the [12] PLAY/PAUSE button.
2. To play the previous song, press the [7] PREVIOUS TRACK button.
3. To play the next song, press the [11] NEXT TRACK button.

VOLUME CONTROL

4. To raise the volume, press the [10] VOLUME UP button.
5. To lower the volume, press the [8] VOLUME DOWN button.
NOTE: Double beep sounds will be audible when you reach the maximum volume limit.

TIPS: If Bluetooth or AUX is disconnected for more than 15 minutes, the SOUND BAR will automatically turn OFF; however, when not in use, the ACC switch should be manually turned OFF to keep the vehicle's main battery from draining.

AUX INPUT

[8]   [9]   [10]

4

6

SOUND BAR can play
audio from any device
that has a 3.5mm
headphone audio jack. (4)
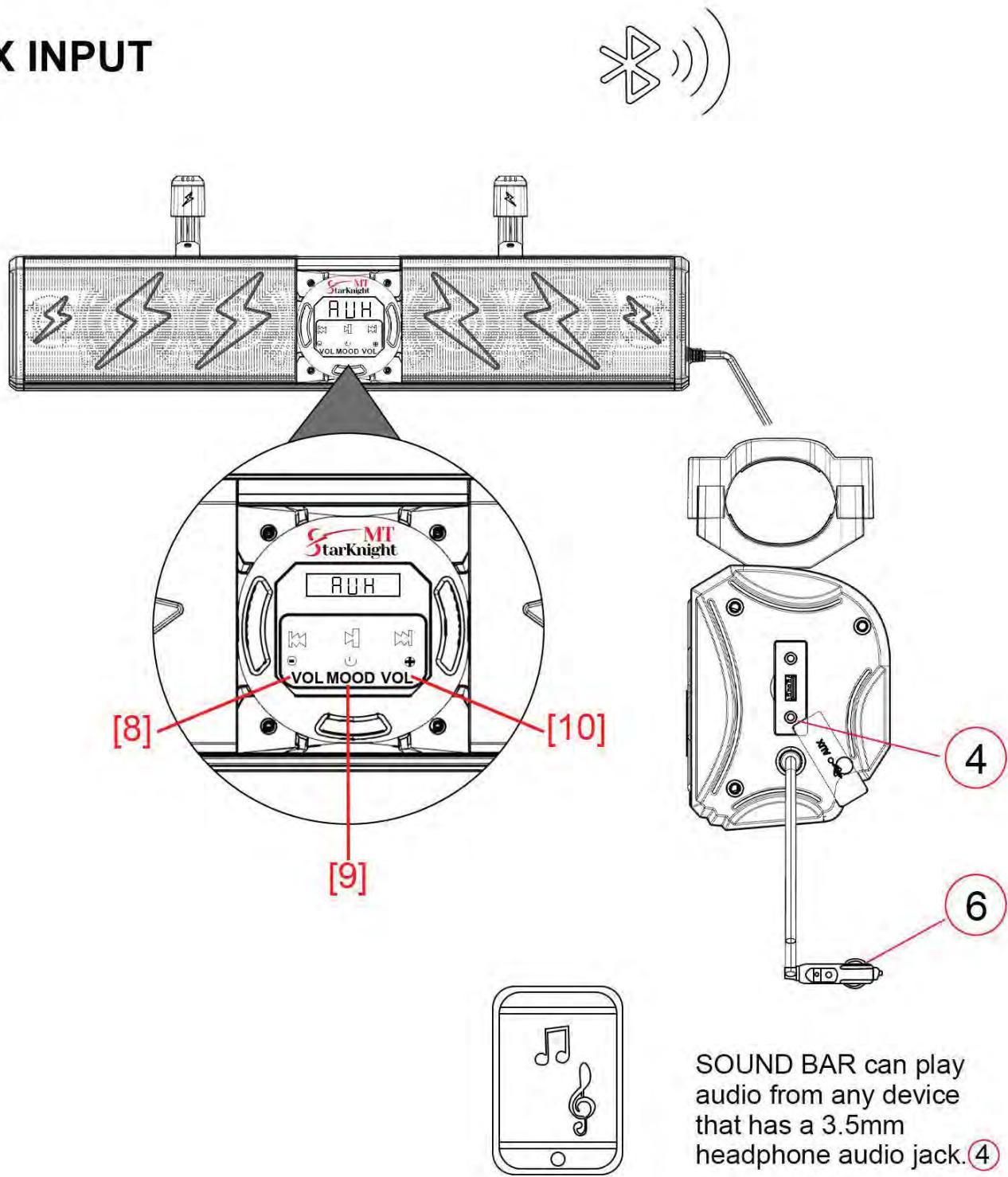
MULTIFUNCTION CONTROLLER AUX-IN OPERATION

1. Power on the SOUND BAR by plugging in the male cigarette lighter adapter into the ⑥
female socket.
2. Press the [9] MODE button. The SOUND BAR will go into the AUX mode (a voice
prompt "Line mode" will be heard and will automatically connect to the device last paired,
if any).
3. To raise the volume, press the [10] VOLUME UP button.
4. To lower the volume, press the [8] VOLUME DOWN button.
NOTE: Double beep sounds will be audible when you reach the maximum volume limit.

TIPS:
 DO NOT use AUX-IN mode near rain or moisture. Insert the protective cover when not in use.

USB INPUT
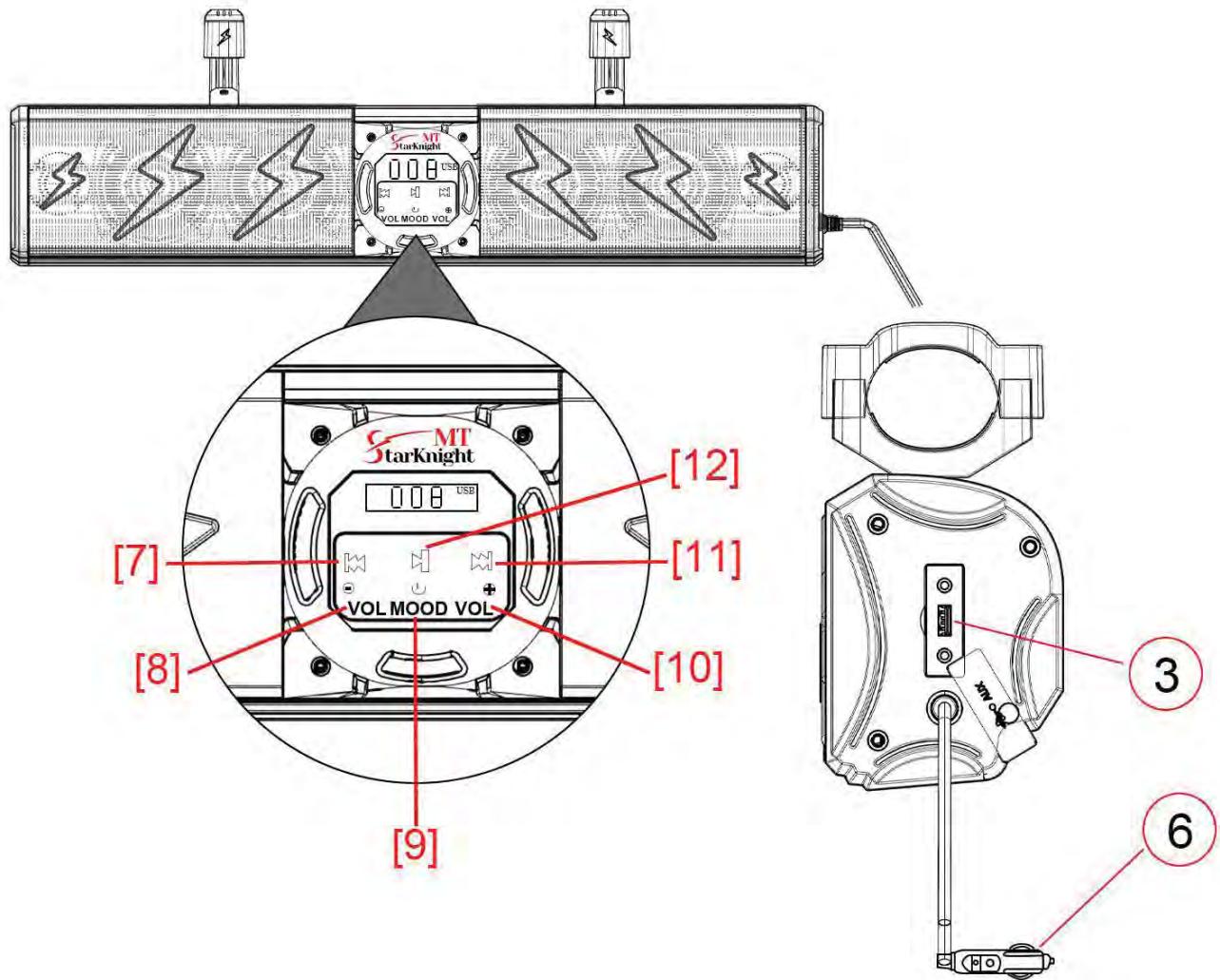
## MULTIFUNCTION CONTROLLER USB OPERATION

1. Power on the SOUND BAR by plugging in the male cigarette lighter adapter into the⑥ female socket.
2. Insert the USB Flash drive on ③ and play the music automatically.
3. Press the [9] MODE button. The SOUND BAR will go into the USB mode (a voice prompt "Music" will be heard and will automatically connect to the device last paired, if any).
4. To raise the volume, press the [10] VOLUME UP button.
5. To lower the volume, press the [8] VOLUME DOWN button.
6. To play or pause, press the [12] PLAY/PAUSE button.
7. To play the previous song, press the [7] PREVIOUS TRACK button.
8. To play the next song, press the [11] NEXT TRACK button.

TIPS: USB can play music formats MP3 and WMA.

TWS FUNCTION

1. Activate TWS Mode:
a. Press and hold the the [12] PLAY/PAUSE button on SOUND BAR or the [15] PLAY/PAUSE button on remote control for 3 seconds.
b. When you hear a "water drop" sound and the display shows "TWS," power on the second SOUND BAR.
c. The SOUND BARS will pair automatically within approximately 40 seconds. Successful pairing is indicated by two "water drop" sounds. Disconnection is indicated by three "water drop" sounds.

[15]

2. Connect to a Bluetooth Device:
On your Bluetooth device, select or search for "SK-S1" in the pairing list and tap to connect.
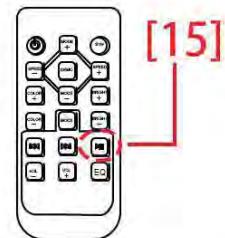
3. Synchronized Control:
a. Once paired in TWS mode, both SOUND BARs are synchronized. You can control playback (Play/Pause) from either SOUND BAR. The display will show "PLAY" or "PAUSE" accordingly.
b. All buttons except the [9] Mode button can control both SOUND BARs simultaneously.

4. Exit TWS Mode:
a. To exit TWS mode, press and hold the [12] Play/Pause button on either SOUND BAR.
b. To re-pair, switch back to Bluetooth mode and repeat steps 1 and 2.

5. Automatic Reconnection:
If the SOUND BARs are powered off in TWS mode, they will automatically re-pair within 40 seconds when restarted, provided they are within 15 meters (49 feet) of each other.

[12]

[12]
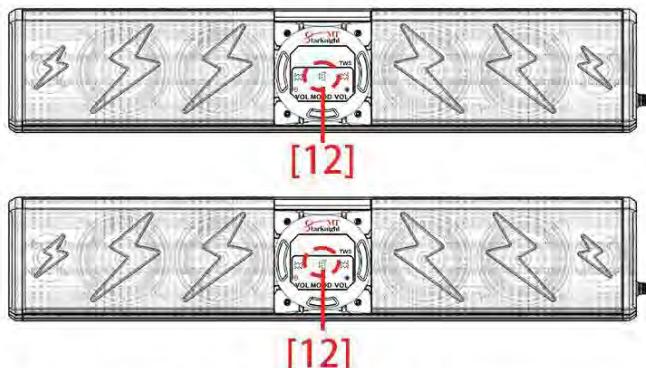
TWS Mode Display on Screen:

1. Not Connected: The screen is off.
2. Pairing Mode: The screen flashes.
3. Successfully Connected: The screen stays solid.

THE PRIMARY AND SECONDARY SOUND BARS:

When using TWS mode, the SOUND BAR that connects to the Bluetooth device first (before or after TWS mode is activated) will be the main unit and play the left audio channel. The other SOUND BAR will automatically become the secondary unit and play the right audio channel.

INSTALLATION
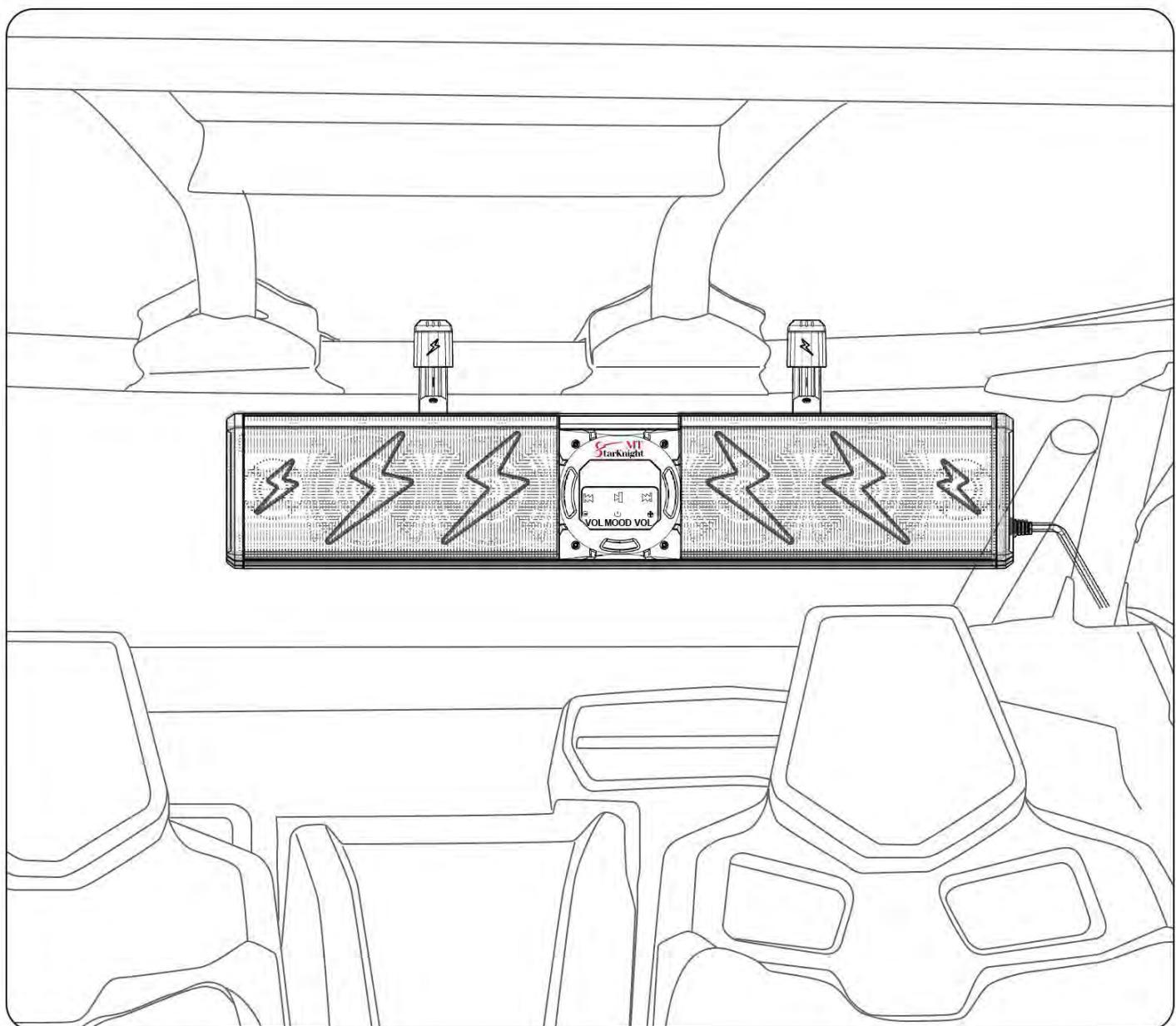
1. Use screw A to attach the lower part of the clamp to the SOUND BAR by securing it through the screw holes.
2. Place the non-slip pad into the groove of the clamp, then use screw B to secure the upper part of the clamp, fixing the SOUND BAR to the vehicle's roll cage.
3. Power on the SOUND BAR.

M6*50MM   M6*13MM
A   B

# TROUBLESHOOTING

TROUBLE	CAUSE	SOLUTION
SOUND BAR not working	Poor connection of the fuse or faulty fuse.	Inspect and replace the fuse if needed.
	The vehicle's ACC or ignition is off.	Turn on the ACC or start the car to power the SOUND BAR.
No sound	Volume of the SOUND BAR is set to the minimum.	Press the [12] PLAY/PAUSE button. If unresponsive, restart the SOUND BAR.
	SOUND BAR is in mute or paused mode.	Press the [12] PLAY/PAUSE button. If unresponsive, restart the SOUND BAR.
Bluetooth (BT) pairing failed	The device's Bluetooth is not turned on or is already paired with another device.	Unpair from other devices and follow the Bluetooth pairing instructions.
TWS pairing failed	TWS mode is not activated, or the device is malfunctioning.	Long press the [12] PLAY/PAUSE button for 3 seconds to activate TWS pairing mode. Restart and retry if necessary.
Audio quality issues during BT connection	Weak Bluetooth signal.	Shorten the distance between the devices and remove obstacles in between.
Audio quality issues during TWS connection	Weak TWS signal.	Shorten the distance between the two SOUND BARS and remove obstacles in between.
No response to control or power button	Power surge or circuit issue, or the SOUND BAR is unresponsive.	Power off the SOUND BAR, wait for 10 seconds, and restart it.

DIMENSIONS

5.24"(133MM)

[12]

26.6"(675MM)
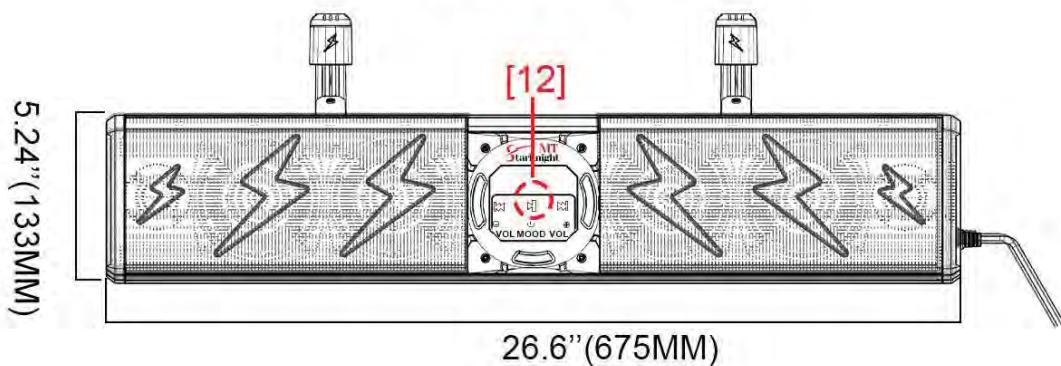
WIRE DIAGRAM
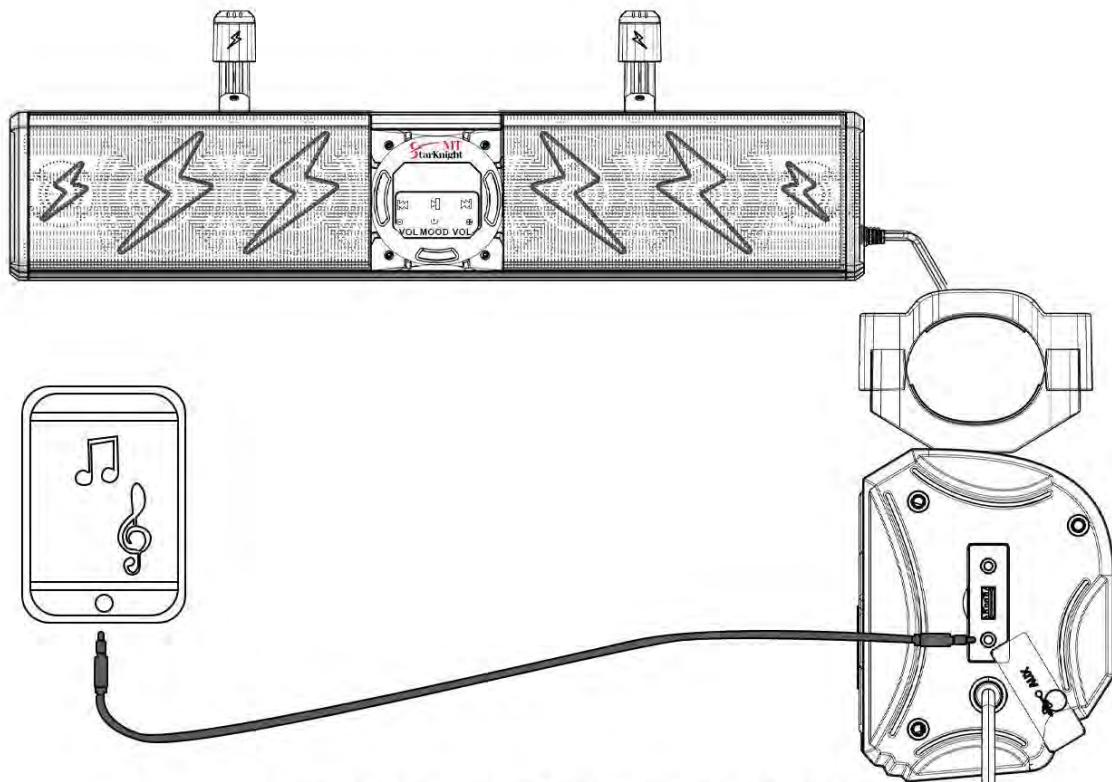
Turn the power adapter counterclockwise
to open and replace the internal fuse with
a new 15A fuse if damaged.

Power Adaptor

15A

RED

BLACK

BATTERY

Fuse and Fuse Holder
(NOT INCLUDED)

Chassis Ground Point

Ground Wire

Chassis Ground Point
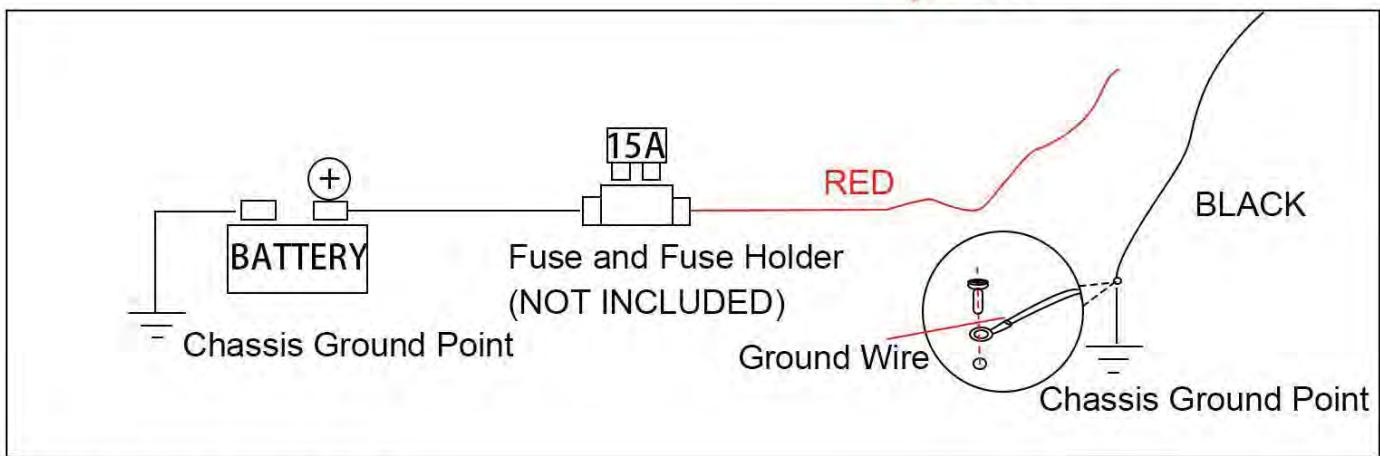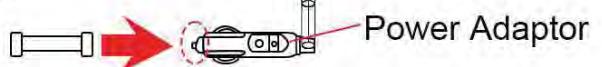
SPECIFICATIONS

BT
Version: 5.0w/ EDR
A2DP
Range: 33ft(10m)

AMPLIFIER
Frepuency Response: 40Hz-22kHz

GENERAL
Operational Power: 12VDC(10-16V allowable)
MAX Current Draw: 12A
Replacement Fuse: 15A AGC TYPE

KEY FEATURES

1. **Extended LED Light Strip**: Enjoy a vibrant and dynamic lighting experience with an extra-long LED strip.
2. **Simple Installation**: Designed for fast and hassle-free setup.
3. **Wider Remote Range**: Reliable control over longer distances.
4. **Upgraded Wiring**: Improved 14AWG wiring ensures efficient power delivery, enhanced stability, and performance.
5. **Enhanced Amplifier**: Delivers clearer, more powerful sound with greater range and precision.
6. **Improved Safety**: Fuse upgraded from 10A to 15A for better electrical protection and reliability.
7. **Smart Audio Prompts**: Alerts like "Beep-Beep" for max volume and "Line Mode" for AUX mode keep you informed.
8. **Clean Wiring Design**: A simplified layout with a single power cable for a neat and organised setup.

FCC COMPLIANCE STATEMENT

1. This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
a. This device may not cause interference, and
b. This device must accept any interference, including interference that may cause undesired operation of this device.
2. Alteration or modifications carried out without appropriate authorization may invalidate the user's right to operate the equipment.

This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter. This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines. However, it is desirable that it should be installed and operated keeping the radiator at least 20 cm or more away from the person's body (excluding extremities: hands, wrists, feet and ankles).

NOTE: 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:

a. Relocate or reorient the receiving antenna.
b. Increase the separation between the equipment and the receiver.
c. Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
d. Consult the dealer or an experienced radio/TV technician for help.

FEATURED PRODUCTS

Front Windshield

Rear Windshield

Flip Windshield

Storage Box

Sound Bar

Soft Cab Enclosure

Looking for More UTV Accessories? Available Now on Our Website and Amazon Store.
Or contact us for a Wider Range of Makes and Models.

Email: help@starknightmt.com
Amazon: https://www.amazon.com/starknightmt
Website: www.starknightmt.com
Facebook: https://www.facebook.com/starknightmt
Instagram: https://www.instagram.com/starknightmt
Youtube: https://www.youtube.com/@StarKnightMT_official
Twitter: https://x.com/StarknightMT

ABOUT US

Timeline

2017: StarknightMT was founded, initially focusing on the motorcycle category, laying the groundwork and embarking on our journey.

2018-2019: Expanded our product range and developed kids' dirt bike gear while operating an Amazon store.

2020: StarknightMT launched its first UTV product—tie-down anchors—marking our official entry into the UTV market.

2021: Established the UTV department and acquired our first UTV for product development, marking a key step in our innovation journey.

2022: Entered the UTV windshield market, with our official website and social media channels fully launched.

2023: Focused on expanding our product line and developing new categories while reconfiguring the garage for enhanced capabilities.

2024: Introduced RGB speakers, flip windshields, and other innovative products, and partnered with new members to drive further innovation.

Why Choose StarknightMT?

High-Quality Accessories: We carefully select each product to ensure they meet your performance and durability requirements.

Personalized Customization: We understand that off-roading is not just a hobby but a personal statement. That's why we offer a myriad of customization options, from aesthetic enhancements to performance upgrades, ensuring that your UTV/ATV not only functions optimally but also mirrors your unique style.

Stellar Customer Reviews: We are proud of our consistent 4-star and above ratings on platforms such as Trustpilot and Judge.me. These reviews are a reflection of our unwavering commitment to service quality and product excellence.

Expansive Product Categories: Our commitment to catering to a wide range of off-road vehicles is evident in our product offerings. Whether you own a Polaris, Can-Am, Honda, CFMOTO, or Kawasaki, we have something special for you, ranging from windshields and seat covers to comprehensive storage solutions.