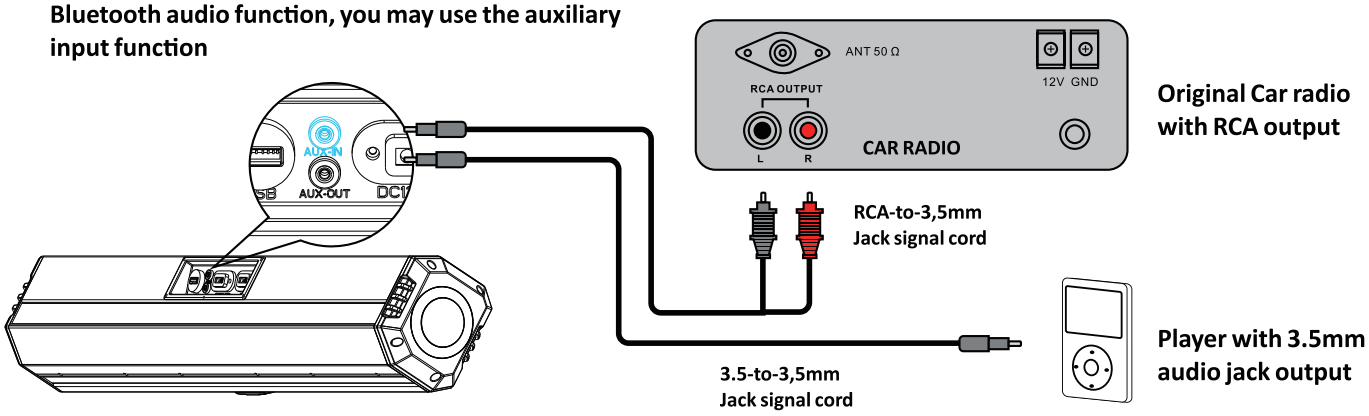
Coordinate with external signal

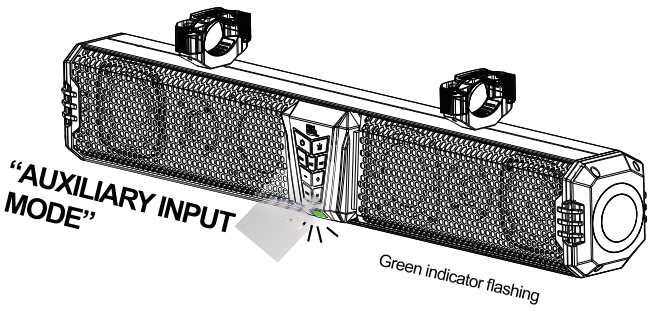
Aux-in

① If you want the soundbar speaker work with your existing car radio or Mp3 player that have got no Bluetooth audio function, you may use the auxiliary input function

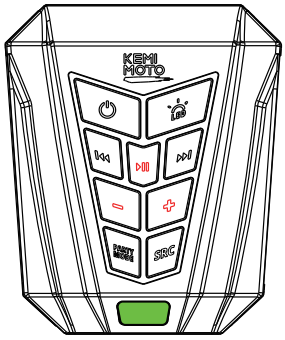
NOTE: only low level output from car radio is allowed to connect to the speaker, the output level should be less than 1000mV



② SRC Press the SRC button on speaker panel or remote control cycle select the speaker mode until you hear the voice prompt " Auxiliary input mode" and the LED indicator will show static green that means the system is under Aux-in mode



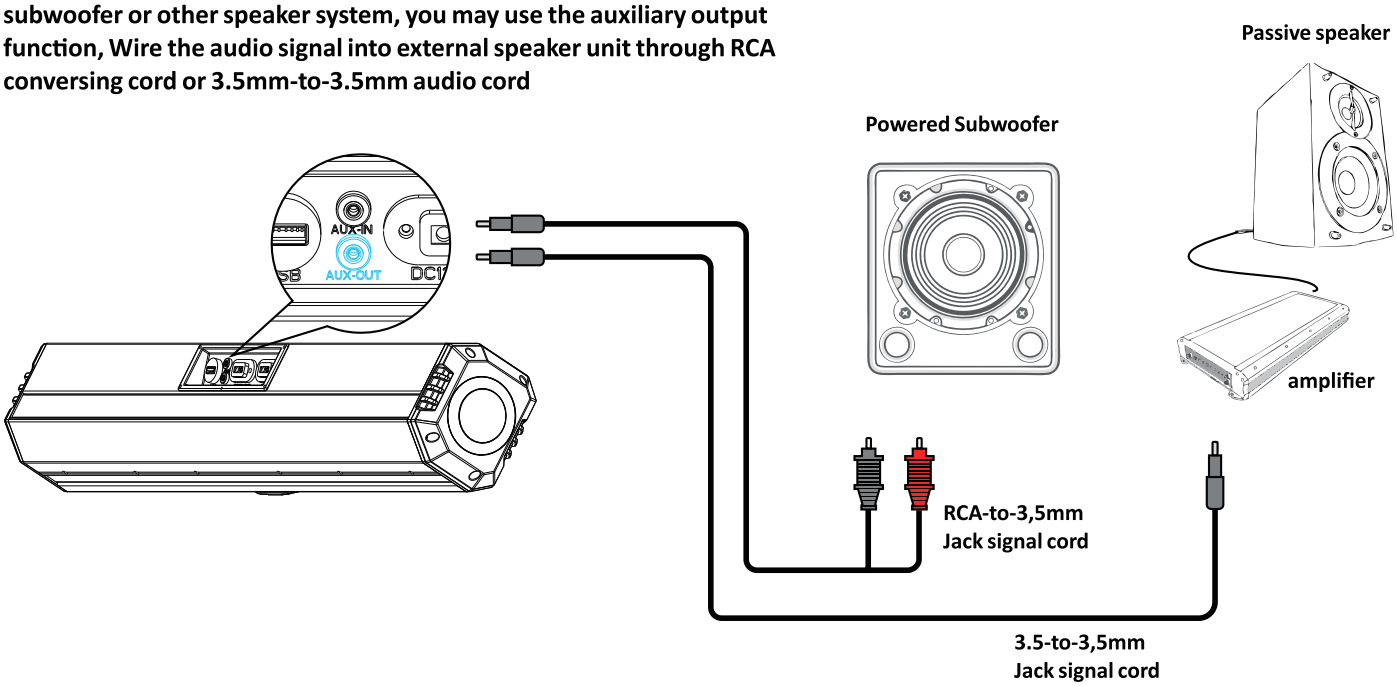
③ Control the speaker USB music playback with volume +/- on front panel or remote control, play/pasue button functions as MUTE/UNMUTE process of the audio input.



Coordinate with external signal

Aux-out

If you want the soundbar speaker coordinately work with your existing subwoofer or other speaker system, you may use the auxiliary output function, Wire the audio signal into external speaker unit through RCA conversing cord or 3.5mm-to-3.5mm audio cord



NOTE:

- **The auxiliary output port provide low level stereo audio signal**
- **Gain of the output signal ＜ 600mV**
- **The output gain is controlled and synchronized with control panel volume buttons.**

Sync working mode (TWS protocol)

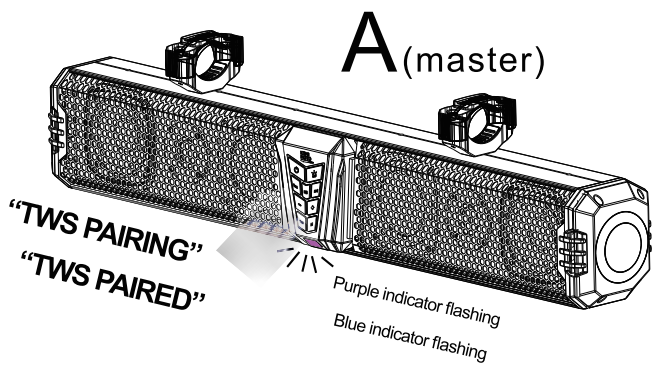
Kemimoto speaker allows you to group up 2 soundbar speakers for synchronized playback in high fidelity rate up to 320kbps what's more the lighting control and rhyme beat collecting is also synchronized, they will be always in same pace all the time.

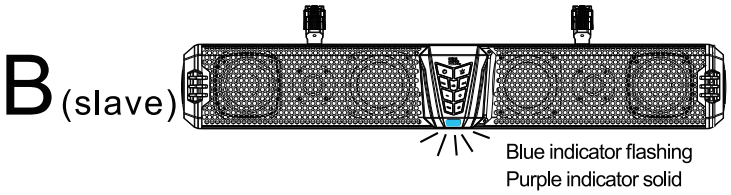
It's pretty useful in some scenario, a lot of fun will bring up with this dramatic function.
when you have one soundbar settled at ATV front, but you want to get more power output at back rack, get another one, get them in paired in TWS mode ,the 2 soundbar working as one all the time until you dismiss them.
another scenario is grouping up your ATV/UTV soundbar with your friends' soundbar, make them working as one in your driving and party time.

High fidelity wireless audio data and LED data sync in the air

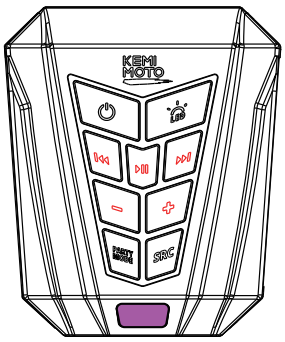
Sync working mode (TWS protocol) Pairing process

① **Prepare 2 speakers, turn on the B(slave) speaker,make sure it's under bluetooth mode, and not occupied by smart phone, the blue light will be in flashing mode, Then we turn on the A(master) speaker, press the button TWS, the LED indicator on A(master) will be flashing in purple, and voice prompt"TWS paring", just wait for seconds, the TWS pairing process will be done or end(30 seconds expire if no slave device found), voice prompt will come out" TWS paired",the indicator of A(master)turns Blue, the indicator of B(slave) turns solid purple.**





② **After TWS paired, use the bonded pair as one speaker, you can change sound track, play/ pause, change sources,even turn off the speakers simutaleously, LED cues syncs as well**



NOTE:

- **Make sure the A(master)/B(slave) speakers are not occupied(connected) by any smart phone during TWS pairing process, or it will fail to pair.**
- **Press and hold the TWS button for 5 seconds will erase the stored TWS pairing information, the paired speakers will be dismissed.**
- **The TWS pairing relationship will be kept until you dismiss them, even power off.**
- **If the TWS pairing failed frequently, try to make the speaker closer and try again.**

Dream light LED

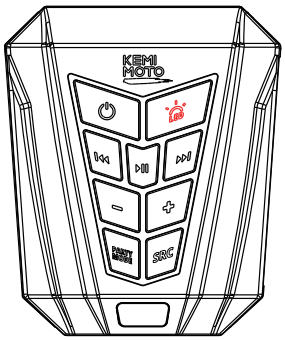
Surrounding Dream lights, designed for party

5
sides dream light LED

40
watts output LED power

Fast
music rhyme beat reaction

200+
cues available



Applications are available in Google play and AppStore
Get more fun by using Kemimoto APP

- Pressa and hold the LED button to turn ON/OFF the lights the LED light, it works not matter speaker is ON or OFF
- Click the LED button to switch the preset 19 cues
  - DOME light(full power white)
  - 5 cues on RGB lights
  - 6 cues on rhyme beating effect
  - 7 cues on chasing dream light effect

Specification table

Power supply
- Range: DC9V~18V, current > 6A
- Typical: DC14.4V vehicle battery
- Plug: SAE quick connector

Power output
- SAE output: DC12V-6A maximum
- USB port output:DC5V-2A maximum

Sound(Midnight80/60)
- Sound system: 2.1CH
- Output power(RMS): 2x20Watts+60Watts
- Frequence Response Range: 65Hz~20KHz
- Sensitivity: 85dB
- THD: Treble/mid-range < 1%, Bass < 10%
- Crossover network: 3-way frequency divide
- Treble/Mid-range: physical frequency divider
- Mid-range/Bass: electro divider

Sound(Midnight40)
- Sound system: stereo
- Output power(RMS): 2x30Watts
- Frequence Response Range: 82Hz~20KHz
- Sensitivity: 85dB
- THD: < 10%
- Crossover network: 2-way frequency divider

Loudspeaker(Midnight80/60)
- 2 X 4ohms 1" titianium dome tweeter
- 2 X 4ohms 3.5" PP cone mid-range driver unit
- 2 X 3.2ohms 4" PP cone woofer driver unit
  *Model Midnight-60 had coaxial tweeter mounted on mid-range unit

Loudspeaker(Midnight40)
- 2 X 4ohms 4" coaxial full range speaker

Protection level
- Outdoor use: IP66, dustproof, water resist

Connectivity
- Bluetooth Audio: V5.0
- Protocol supported: A2DP,AVRCP
- Bluetooth range: 66ft
- Multiple speaker technology: TWS

Sound sources
- Bluetooth Audio
- USB thumb music format support:
  MP2, MP3, WMA, APE, FLAC, AAC,
  MP4, M4A, WAV（IMA-ADPCM & PCM）, etc
- Auxiliary input/Line-in : 1000mV
- Auxiliary output/Line-out : 600mV

Material
- Housing Material:
  Anodized aluminium
  Grille: Rolled iron mesh

Lighting spec
- Total power consumption: 40watts@12V
- 2x front RGBIC LED strip: 15 segments 15 cells
- 2x side halo RGBIC LED strip: 15 segments 15 cells
- 1x bottom RGBIC LED strip: 15 segments 45 cells
- 1x back RGBIC LED strip: 15 segments 90 cells（Midnight60/80）
- 1x back RGBIC LED strip: 15 segments 45 cells（Midnight40）

Q & A

Q: Why can't I connect my phone with the soundbar?

A: Check your mobile phone setting of Bluetooth, you have to enable the Bluetooth function in the setting before you can successfully find the soundbar in available bluetooth devices list

Q:Sometimes the sound playback got intermittent?

A: 1) keep your mobile phone or player closer to the soundbar, or change a place to try again, the environmental electronmagnetic interference sometime occurs, which interfere with the 2.4Ghz band that is the frequency Bluetooth working in, will bring down the connection quality.
2) check the vehicle battery voltage level, if the battery is in low level, it will bring down the connection quality significantly

Q:Why the LED strip lights looks not that bright as before?

A: check the vehicle battery, if the battery is low, it can't provide sufficient current draw to the LED. The lights will be dull.

Q:Do I need to worry if I leave the speaker hanging on my ATV? I don't have shielding place for the speaker to avoid rain.

A: It's an outdoor soundbar,so you don't need to worry about the rain/water, as well we had lightning and electrostatic protecting circuit inside, to allow the audio system work properly in the thunder weather and dust weather.

Q:Can I daisy chain the speakers for get more sound power output?

A: Yes, you can, there's AUX-IN/OUT port on the speaker back panel which is designed for audio extension you can wire the signal to not only additional soundbar, but also subwoofer.

FCC statement

FCC StatementThis 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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.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.

· 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.

·

KEMI
MOTO

FCC-ID : 2BDKK-KM-LAV0X

Designed and engineered by Kemimoto in California,U.S.A , assembled in China

- **English:** "
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."

- **French:"**
Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :
(1) l'appareil nedoit pas produire de brouillage, et
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement."