

**KEMI
MOTO**

PRODUCT MANUAL

AUDIO SYSTEM



(Midnight80Gen2)



(Midnight70Gen2)

B01 SKU: B1801-00102-BK70 / B1801-00102-BK80

Complete journey of dreams

CONTENTS

PRODUCT INFORMATION	1
INSTALLATION TIPS	2
PRODUCT OVERVIEW	4
REMOTE CONTROL	7
SPECIFICATIONS	8
WIRING AND POWER ON	10
BLUETOOTH MUSIC	11
USB MUSIC	12
AUX INPUT	13
AUX OUTPUT	14
BROADCAST MODE	15
APP	16
FCC STATEMENT	18
FCC and ISED Radiation Exposure Statement	18
CUSTOMER SUPPORT	19
WARNING	20

APP

*** The way to obtain the APP: Use your mobile phone to scan the QR code on the manual to download and install it, or search for "KEMIMOTO" in the app store to download it**



**Applications are available in Google play and
App Store Get more fun by using Kemimoto APP**

CUSTOMER SUPPORT



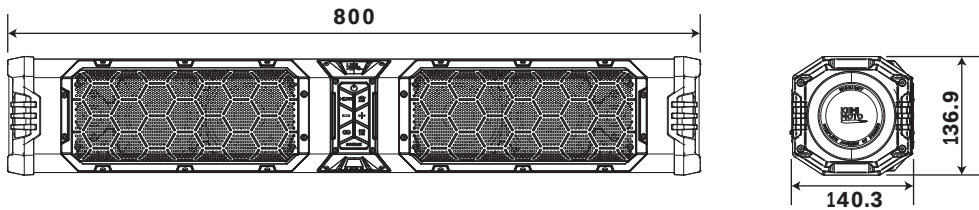
Contact us by email: support@kemimoto.com

Help center:

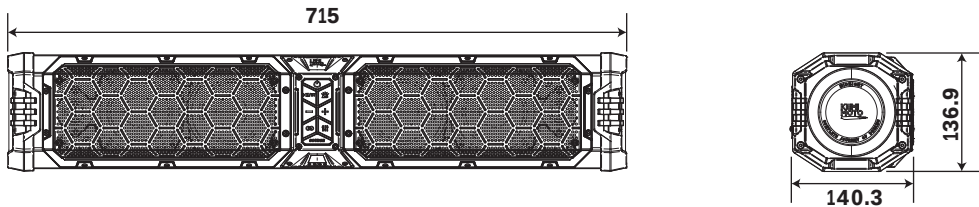


PRODUCT DIMENSION

Midnight80Gen2:

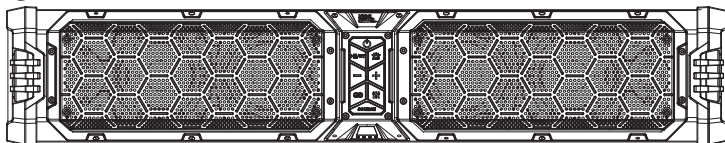


Midnight70Gen2:

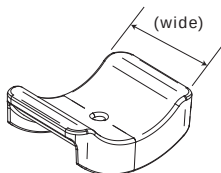
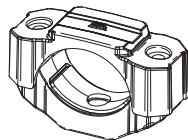


PRODUCT INFORMATION

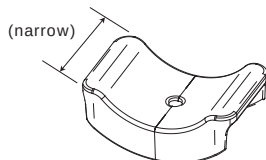
① Main Speaker x1



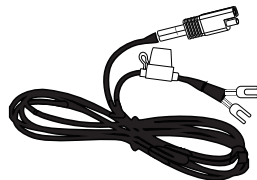
② Installation bracket x2



③ Upper spacer (wide) x2



④ Lower spacer (narrow) x2



⑤ 4 m Electrical wire x1



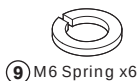
⑥ M6*14 screw x2



⑦ M6*30 screw x4



⑧ M6*50 screw x4



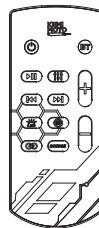
⑨ M6 Spring x6



⑩ M6 Spring x6



⑪ Fuse x2



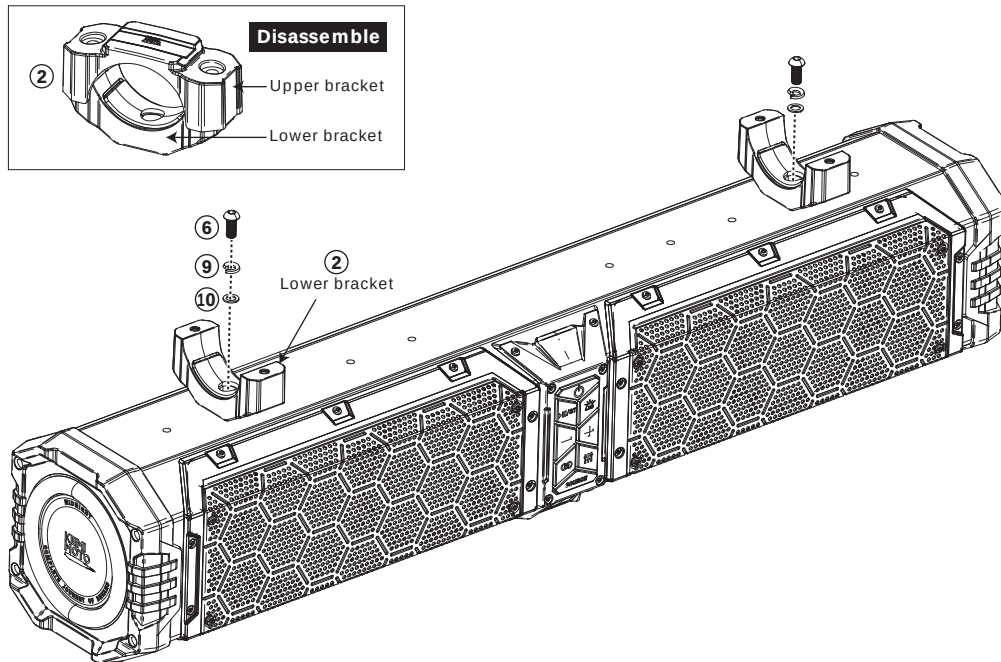
⑫ Remote control x1



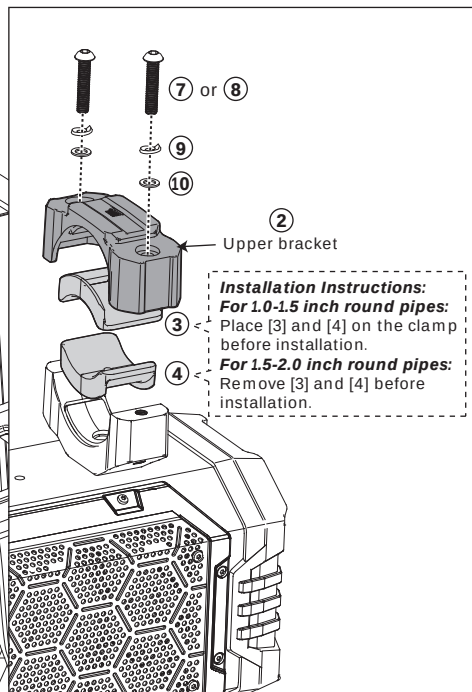
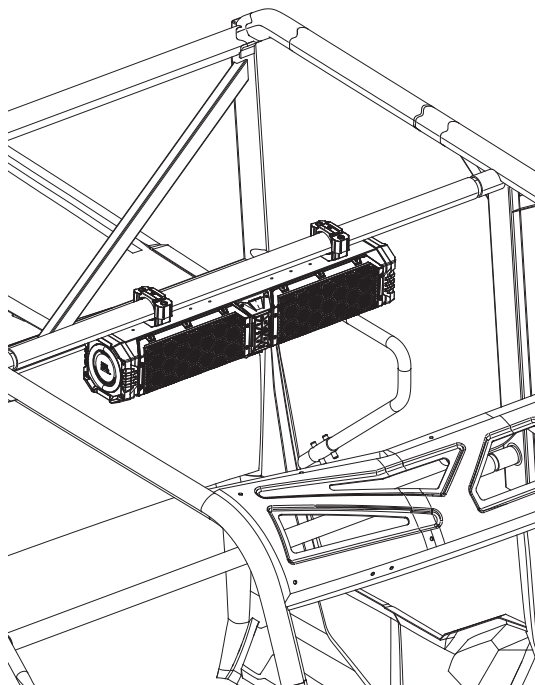
⑬ Hex key x1

INSTALLATION TIPS

STEP 1

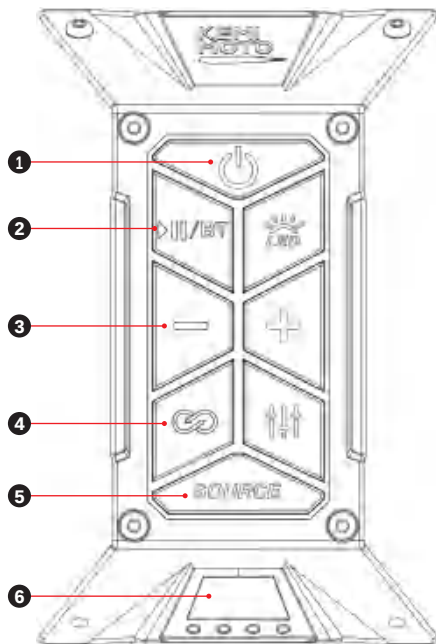


STEP 2



PRODUCT OVERVIEW

CONTROL PANEL



1 Power supply

Long press and hold to turn on/off the speaker.



2 Play/pause the music and Bluetooth pairing

Short press

In Bluetooth and USB mode, short press can play/pause the music;

Long press

In Bluetooth mode, long press clears the paired Bluetooth connection history and disconnects the currently connected device.



3 Volume down

In Bluetooth/USB/AUX mode, short press to volume Down; In Bluetooth/USB mode, long press to previous sound track



4 Broadcast mode

In Bluetooth mode, short press to enter Broadcast pairing mode, and short press again to exit



5 Mode switch

Short press to cycles in Bluetooth/USB/AUX mode.



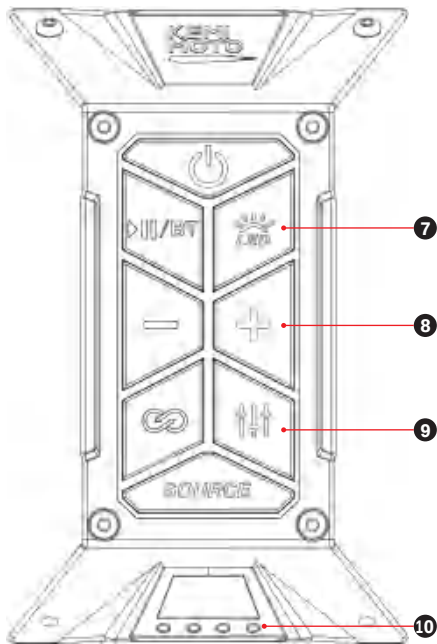
6 Sound source indicator

Blue: Bluetooth mode

Green: Auxiliary input mode

Red: USB mode

Orange: Broadcast mode



7 LED mode

Short press to switch the colorful light mode.
Long press to turn on/off the light.



8 Volume up

In Bluetooth/USB/AUX mode, short press to volume up
Long press
In Bluetooth/USB mode, long press to next sound track

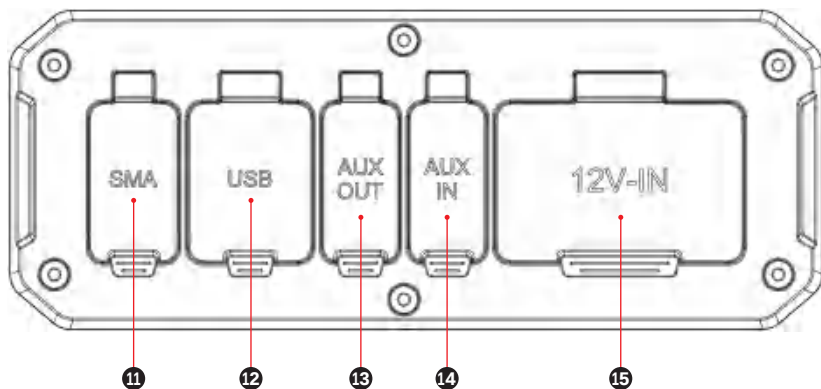


9 EQ sound effects

In Bluetooth/USB/AUX mode, short press the sound effect button to cycle in Default/Off Road/Bass Boost EQ mode.

10 Electric quantity indication (Only Midnight50B)

Indicate the power level of the built-in battery



11 SMA port

Bluetooth antenna expansion.

12 USB port

Accept USB Flash Drive and decode the music stored, as well as it provides DC5V charging power for phone, maximally 2A@5V.

13 Auxiliary output port

Connect to a secondary soundbar, amplified Subwoofer through a 3.5mm audio cable (not supplied).

14 Auxiliary input port

Connect to a external audio device through a 3.5mm audio cable(not supplied).

15 12V-IN port

Connect to vehicle battery.

REMOTE CONTROL

- 1) RF controller range: Up to 33ft (LoS)
- 2) Do not obstruct the RF remote with metal
- 3) Do not store in direct sunlight



Replacement Battery - CR2025 or CR2032



Speaker power OFF



Disconnect



Play/pause



Sound effect selection key



Previous sound track



Next sound track



LED light power On/OFF



LED light mode select



Broadcast pairing /exit



Sound sources select



Volume up



Volume down



+



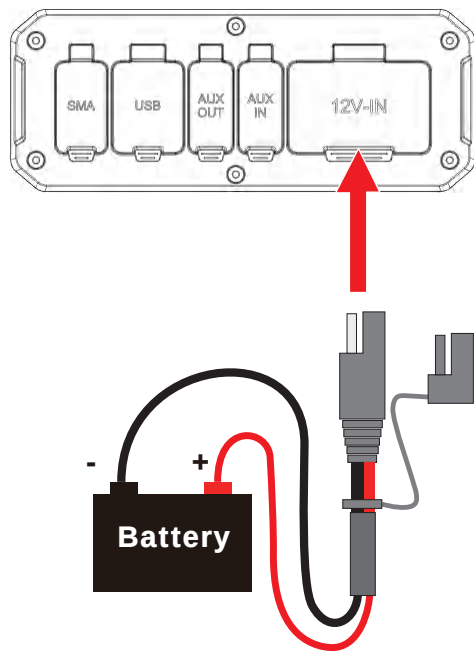
Remote pairing mode

SPECIFICATIONS

Product Model	Midnight80Gen2	Midnight70Gen2
Transducers	2*0.75"Tweeters(8Ω/10W)	2*0.75"Tweeters(8Ω/10W)
	2*4"Mid-ranger speakers(6Ω/35W)	2*4"Mid-ranger speakers(6Ω/35W)
	2*4"Woofers(6Ω/50W)	2*4"Woofers(6Ω/50W)
	2*4"Passive Radiators	2*4"Passive Radiators
	2*5.84"x2.99"Racetrack Passive Radiators	
Output Power	170W RMS; 340W PEAK; 680W MAX	170W RMS; 340W PEAK; 680W MAX
THD at Rated RMS Power	<1%	<1%
Quiescent Current Draw	< 0.8A	< 0.8A
Maximum Current Draw	15A	15A
Frequency response	45Hz-20KHz	50Hz-20KHz
Signal-to-noise Ratio	> 80dB	> 80dB
Cable type	14AWG	14AWG
Cable length	13.12Feet (4 m)	13.12Feet (4 m)
Bluetooth Version	V5.4	V5.4
Bluetooth Profile	A2DP V1.3.2; AVRCP V1.6.2	A2DP V1.3.2; AVRCP V1.6.2
Bluetooth Transmitter Frequency Range	2402MHz-2480MHz	2402MHz-2480MHz
Bluetooth Transmitter Power	≤11dBm (EIRP)	≤11dBm (EIRP)
Aux-in	0.6V(0.3mV-1V) (3.5mm connector)	0.6V(0.3mV-1V) (3.5mm connector)

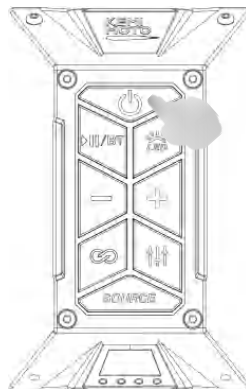
Product Model	Midnight80Gen2	Midnight70Gen2
Aux-out	1Vrms (3.5mm connector)	1Vrms (3.5mm connector)
USB Drive File System	FAT16, FAT32, exFAT	FAT16, FAT32, exFAT
USB Drive Maximum	64GB	64GB
USB Supported Audio Formats	MP3/WMA/WAV/FLAC/AAC/APE	MP3/WMA/WAV/FLAC/AAC/APE
Packaging Dimensions	L1005*W220*H230	L913*W210*H215
Gross Weight	9.60kg	8.97kg
Operation Temperature	-20°C~60°C	-20°C~60°C

WIRING AND POWER ON



Wiring

Plug the power connector into the "Power" port on side of the speaker.

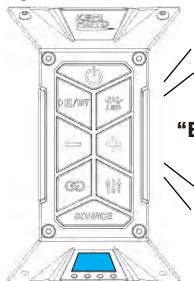


Press Power button

Press the power button, the backlight of the power button will become constant white, and you will hear the voice prompt "Hello Kemimoto", which shows that the speaker is on operation mode.

BLUETOOTH MUSIC

STEP 1: Press the *SOURCE* to cycles in Bluetooth/USB/AUX mode. When hear the voice prompt "Bluetooth mode", and the blue light is blinking, it means speaker is in Bluetooth mode and waiting for connection.



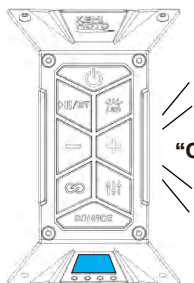
"Bluetooth Mode"



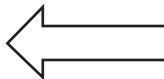
STEP 2: Scan for the devices named "Midnight70Gen2" in your smart phone Bluetooth list, click it to wait for connection.



STEP 3: Once the Bluetooth connected, the voice prompt "connected" will come out.

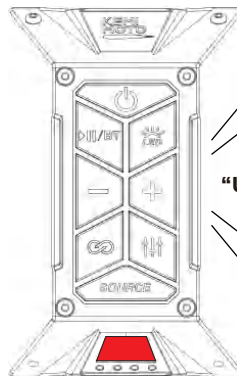
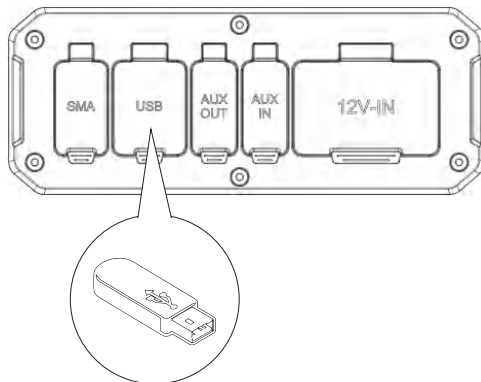


"Connected"



USB MUSIC

Insert the USB thumb, with MP3/WMA/WAV/FLAC/AAC/APE format music stored, into the USB acceptance at back of connecting panel, The mode will automatically turn to USB mode, and start playing USB music after voice prompt "USB player mode".



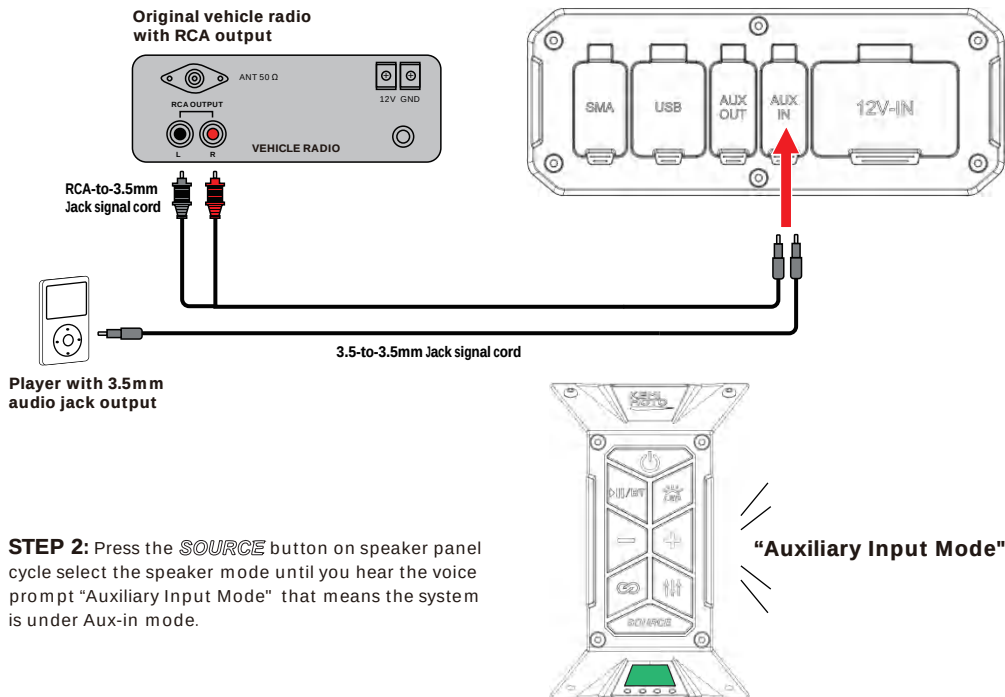
"USB Player Mode"

NOTE:

1. The system support hot swap of USB thumb, you are allowed to plug out/in the USB during the working status.
2. Make sure there (is) are at least one piece of music file stored in the USB thumb, or the decode might not recognize the USB.
3. The system will kick into USB mode directly once the USB thumb is inserted and successfully recognized.
4. The USB port can provide 5V power to mobile phone or other appliance charging, with maximum 2A output current.

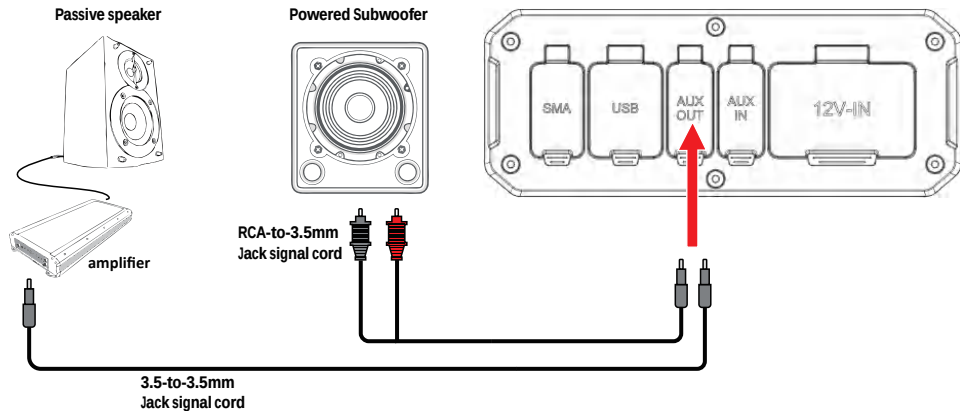
AUX INPUT

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



AUX OUTPUT

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 conversion cord or 3.5m m-to-3.5m m audio cord.



NOTE:

- The auxiliary output port provides low level stereo audio signal.
- Gain of the output signal < 1V.
- The output gain is controlled by speaker volume.

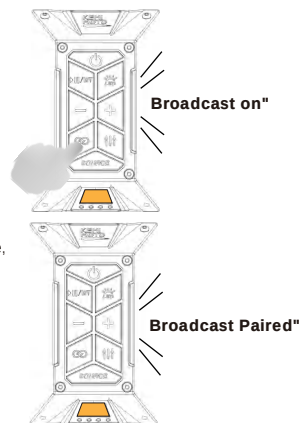
BROADCAST MODE

Broadcast pairing

STEP 1: Prepare 2 or more speakers, turn on the A(master) speaker,make sure it's under bluetooth mode, and connected it by smartphone, the blue light is always on. Then we press the  button,the voice prompt "Broadcast on", means the A(master) speaker in Broadcast mode.

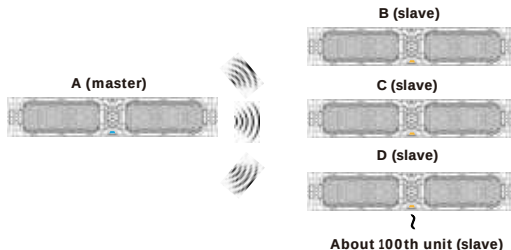
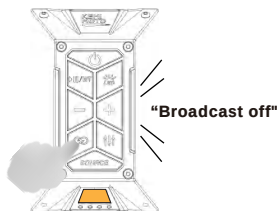
STEP 2: Then we turn on the B/C/D(slave) speaker,make sure it's under bluetooth mode, and not occupied by smartphone, the blue light will be in flashing mode.

STEP 3: We press the  button on the B/C/D(slave) speaker, and voice prompt "Broadcast on". just wait for seconds, the Broadcast pairing process will be done, voice prompt will come out "Broadcast paired", the orange of B/C/D(slave) turns solid orange.



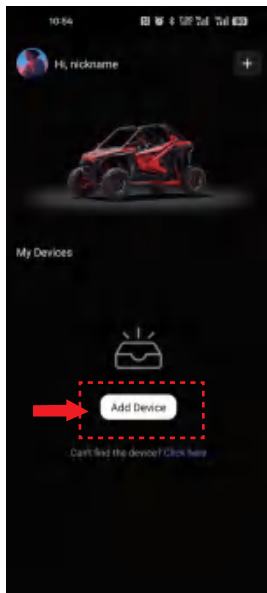
Exit Broadcast mode:

Which speaker wants to exit the Broadcast mode, short press the  button to exit. and voice prompt "Broadcast off".

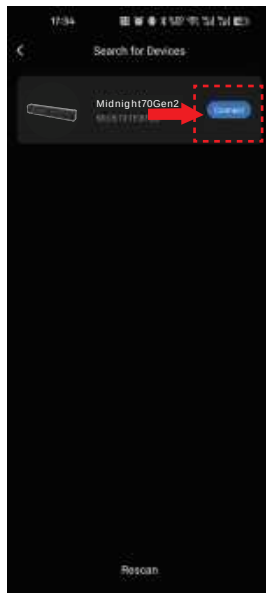


APP

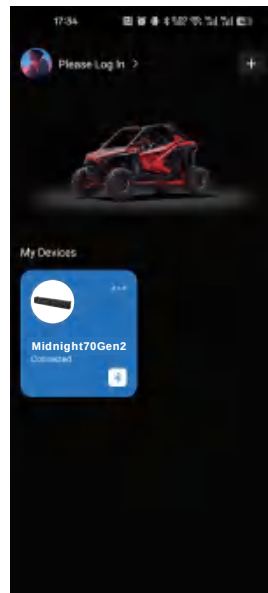
* The way to obtain the APP: Use your mobile phone to scan the QR code on the manual to download and install it, or search for "KEMIMOTO" in the app store to download it



1. Add Device

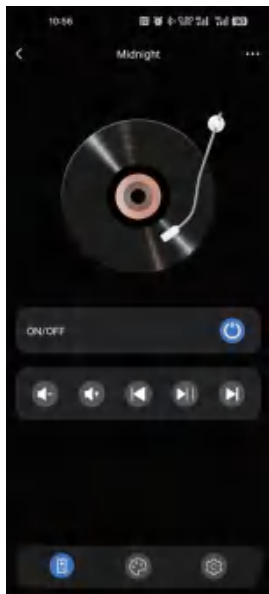


2. Connect Device

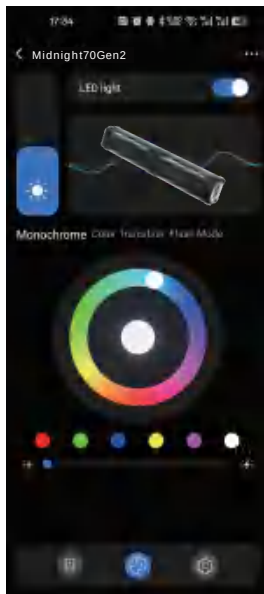


3. Connection Successful

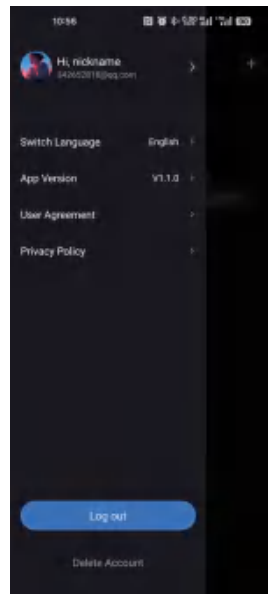
After connection, the device name will be displayed. Click on the device to enter the control page



4. Music Control



5. Light Control Page



6. Language Options

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: 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.

FCC and ISED Radiation Exposure Statement

This equipment complies with FCC and ISED radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body. Cet équipement est conforme aux limites d'exposition au rayonnement FCC et ISED établies pour un environnement non contrôlé, cet équipement devrait être installé et exploité avec une distance minimale de 20cm entre le radiateur et Votre corps.

- English: "

This device complies with Innovation, Science and Economic Development 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:"

Cet appareil est conforme aux normes RSS exemptées de licence d'innovation, sciences et développement économique Canada. Le fonctionnement est soumis aux deux conditions suivantes:

- (1) l'appareil nedomit 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."

CUSTOMER SUPPORT



Contact us by email: support@kemimoto.com

Help center:



⚠ WARNING

- **INGESTION HAZARD:** This product contains a button cell or coin battery.
- **DEATH** or serious injury can occur if ingested.
- A swallowed button cell or coin battery can cause **Internal Chemical Burns** in as little as **2 hours**.
- **KEEP** new and used batteries **OUT OF REACH of CHILDREN**
- **Seek immediate medical attention** if a battery is suspected to be swallowed or inserted inside any part of the body.



- a) Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children. Do NOT dispose of batteries in household trash or incinerate.
- b) Even used batteries may cause severe injury or death.
- c) Call a local poison control center for treatment information.
- d) The compatible battery model for the product is CR2025.
- e) The operating battery voltage for the product is 3V.
- f) Non-rechargeable batteries are not to be recharged.
- g) Do not force discharge, recharge, disassemble, heat above (manufacturer's specified temperature rating) or incinerate. Doing so may result in injury due to venting, leakage or explosion resulting in chemical burns.
- h) Ensure the batteries are installed correctly according to polarity (+ and -).
- i) Do not mix old and new batteries, different brands or types of batteries, such as alkaline, carbon-zinc, or rechargeable batteries.
- J) Remove and immediately recycle or dispose of batteries from equipment not used for an extended period of time according to local regulations.
- K) Always completely secure the battery compartment. If the battery compartment does not close securely, stop using the product, remove the batteries, and keep them away from children.



FCC ID: 2BGR4-S70GEN2
IC: 33652-S70GEN2

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

A decorative horizontal band consisting of a series of parallel red diagonal stripes.

Complete journey of dreams