

# **BT Bass Knob Manual**

# . Product Design



BT Bass Knob Design

### 3. Product Design & Function



- SW
  - OS : RTOS
  - Profile : HOGP(HID over GATT Profile)
- HW
  - Bluetooth Module : BCM-LN100-AS
- Features
  - Turn rotary Volume
  - Push and turn rotary volume
  - Push rotary volume

installation

Easy use

- flexible and easy installation with wireless

HMI

Easy and fast access to Sound

- direct Bass EQ and Master volume control

### 3. Product Design & Function

#### ■ H/W Spec

Section	Item	Specification
Hardware	Bluetooth LE	Class2
		HID over GATT profile(HOGP)
	Rotary Switch	Turn rotary volume
		Push and turn rotary volume
		Push rotary volume
	LED	Blue lighting at rotary bottom
Power	CR2025	

#### ■ S/W Spec

Section	Item		Specification
Software	Bluetooth	HID Key Send	Rotary Right : 80h (Keyboard Volume Up)
			Rotary Left : 81h (Keyboard Volume Down)
			Rotary Push : 3Ah (Keyboard F1)
			Rotary Push + Right : 4Bh (Keyboard Page Up)
			Rotary Push + Left : 4Eh (Keyboard Page Down)

## FCC Compliance 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.

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 correct the interference by one 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 which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC ID : QV3RUXH02

# FCC Compliance Statement

## FCC Caution

Any changes or modifications (including the antenna) made to this device that are not expressly approved by the manufacturer may void the user's authority to operate the equipment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

To comply with FCC RF exposure compliance requirements, a separation distance of at least 20 cm must be maintained between the antenna of this device and all persons. This device must not be co-located or operation in conjunction with any other antenna or transmitter.

## Industry Canada Statement

This device complies with Industry Canada license-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.

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator & your body.

Ce dispositif est conforme à la norme CNR-247 d'Industrie Canada applicable aux appareils radio exempts de licence. Son fonctionnement est sujet aux deux conditions suivantes: (1) le dispositif ne doit pas produire de brouillage préjudiciable, et (2) ce dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable.

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.

IC : 23578-RUXH02