

Bluetooth® Music Port

HamgShing KBA100N

User Guide

Federal Communications Commission (FCC) Statement

15.21

You are cautioned that changes or modifications not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment.

15.105(b)

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.

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.

FCC RF Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

[Product pictures]

[Picture of KBA-100N and accessories]

Getting Started

Powering the KBA100N

1. Plug the included AC power supply into the Power Jack on the Music Port.
2. Plug the other end of the AC power supply into an appropriate wall outlet.

Connecting your audio input/output to the KBA100N

1. Connect the “Audio Out” jacks of the Music Port to a normal stereo headset or “Audio In” jacks on your home stereo system.
2. Connect the “Audio In” jacks of the Music Port to “Audio Out” jacks of your computer or home stereo system.

Using KBA100N as a Bluetooth stereo audio transmitter

As a transmitter, the Music Port transmits the audio from the “Audio In” jack wirelessly to a Bluetooth stereo headset.

1. Pair with a neighbouring Bluetooth stereo headset

- Place the stereo headset close to the Music Port and put the stereo headset into pairing mode.

Note: Please refer to the user manual of the stereo headset on how to put it into pairing mode.

- Place the Music Port into “Transmitter” mode.

Turn on the Music by pressing briefly the “PWR” button.

Switch the Music Port to the “Transmitter” mode.

Pressing briefly the “PWR” button once will change the mode. Keep pressing the “PWR” button until the mode is “Transmitter” mode. When the Music Port is in “Transmitter” mode, the Transmitter Indicator Light will turn on.

- Put the Music Port into pairing state

Press briefly the “PAIR” button. Now, the Music Port goes into pairing as a Transmitter. The Transmitter Indicator Light blinks to indicate that the Music Port is in pairing.

If everything runs smoothly, the Music Port will pair and connect up to the neighbouring Bluetooth stereo headset.

2. Audio streaming

The audio will start streaming wirelessly from the Music Port to the headset after connection is successful.

The Transmitter Indicator Light blinks quickly to indicate that streaming is in progress.

Using KBA100N as a Bluetooth stereo audio receiver

As a receiver, the Music Port receives the audio wirelessly from a Bluetooth audio transmitter and pumps it out of its “Audio Out” jack.

1. Pair with a neighbouring Bluetooth audio transmitter.

- Place the Bluetooth audio transmitter close to the Music Port and put it into pairing mode.

Note: The Bluetooth audio transmitter can be a A2DP-capable mobile phone or PC. Please refer to the user manual of these devices on how to put them into pairing mode.

- Place the Music Port into “Receiver” mode. Turn on the Music by pressing briefly the “PWR” button.

Switch the Music Port to the “Receiver” mode.

Pressing briefly the “PWR” button once will change the mode. Keep pressing the “PWR” button until the mode is “Receiver” mode. When the Music Port is in “Receiver” mode, the Receiver Indicator Light will turn on.

- Put the Music Port into pairing state

Press and hold the “PAIR” button for 3 seconds. Now, the Music Port goes into pairing as a Receiver.

If everything runs smoothly, the Music Port will pair and connect up to the neighbouring Bluetooth stereo headset.

The Receiver Indicator Light blinks to indicate that the Music Port is in pairing.

2. Audio streaming

The audio will start streaming wirelessly from the Music Port to the headset after connection is successful.

The Transmitter Indicator Light blinks quickly to indicate that streaming is in progress.

KBA100N Modes

Mode	Description
Transmitter	Transmit stereo audio wirelessly from “Audio In” jack to Bluetooth stereo headset
Receiver	Receives stereo audio wirelessly from Bluetooth stereo headset to “Audio Out” jack
Bypass	Audio is sent from “Audio in” jack to “Audio out” jack
Combo	Combines Bypass mode and Transmitter mode

KBA100N functions

Function	Action
Turn on Music Port	Short-press or press and hold “PWR” button for 3 seconds.
Turn off Music Port	Press and hold “PWR” button for 3 seconds.
Change mode	Short-press “PWR” button to select different working modes.
Enter Pairing mode	Short-press “PAIR” button to go into pairing when in “Transmitter” mode and idle state (neither pairing nor streaming audio). Press and hold “PAIR” button for 3 seconds to go into pairing when in “Receiver” mode and idle state. Music Port is not streaming any audio at this point.
Exit Pairing mode	If already in pairing state, short-press “PAIR” button to exit pairing.

Indicator Lights

L1: Bypass indicator

L2: Transmitter indicator

L3: Receiver indicator

Indicator Light	Description
L1 on, L2 and L3 off	Bypass mode
L2 on, L1 and L3 off	Transmitter mode and in idle state (neither pairing nor streaming audio).
L3 on, L1 and L3 off	Receiver mode and in idle state
L1 and L2 on, L3 off	Combo mode and in idle state
L2 blinks slowly	Pairing in Transmitter mode
L2 blinks quickly	Audio streaming in Transmitter mode
L3 blinks slowly	Pairing in Receiver mode
L3 blinks quickly	Audio streaming in Receiver mode