

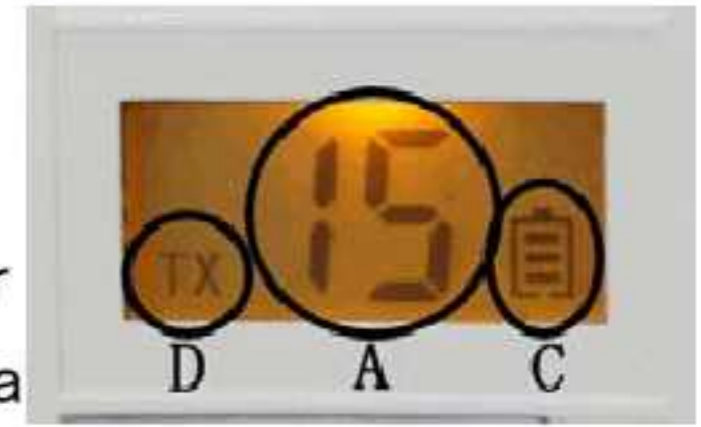
***Using the Transmitter**



BANKEN/ HEI-23Y-L

*** Names of parts**

- ① Power switch
- ② LCD
 - A Channel display
 - C Battery indicator
 - D Save mode display
- ③ Volume button (Up)
- ④ Volume button (Down)
- ⑤ Channel button (Up)
- ⑥ Channel button (Down)
- ⑧ Microphone jack
- ⑨ Battery cap
- ⑩ External microphone



*** Before to use**

I : How to replace battery

Turn the battery cap 90 degrees by using coins in the counterclockwise direction, and remove the cap.

When open the battery cap, batteries can be seen. Take out batteries by gently tilt the device. (Please note that batteries fall easily.)



As shown in the upper right photo, put two AA alkaline batteries in the battery case. Make sure the plus side of batteries (convex) comes to the cap side.

While pressing, turn the battery cap 90 degrees into the clockwise direction until it locked.

II : Insert the plug of an external microphone all the way into the microphone jack, until you hear "click" sound.

Power-On

Push power switch button ①, and indication will appear on ② LCD. Lamp is lit on the display for 2 seconds.

Power-Off

Push power switch button ① for more than 1 second -- the power is turned off.

** The following operations are performed while the power is on.*

Change Channels ("A" part of the LCD)

- Press the channel button ⑤(+CH) once, and one channel up.
Goes up to "16" channels, and then will return to "01."
- Press the channel button ⑥(-CH) once, and one channel down.

Battery Indicator ("C" part of the LCD)

- 2 seconds after the power turned on, the battery level is displayed in 5 steps below.
- When lines of the display becomes 0 (None), replace batteries.



Transmission ("D" part of the LCD)

- Accordance with the same transmitter and receiver channels.
When speak into the microphone, the device start transmission automatically, and "TX" appears on LCD.

Battery Save Mode ("D" part of the LCD)

- If there is no voice input for 20 seconds, "TX" display of the LCD will blink. Then, the device will enter "battery save mode" -- to prevent battery drain.
- While in "battery save mode," the device stands up automatically with any operations (such as voice input, button operation).

Auto Power Off

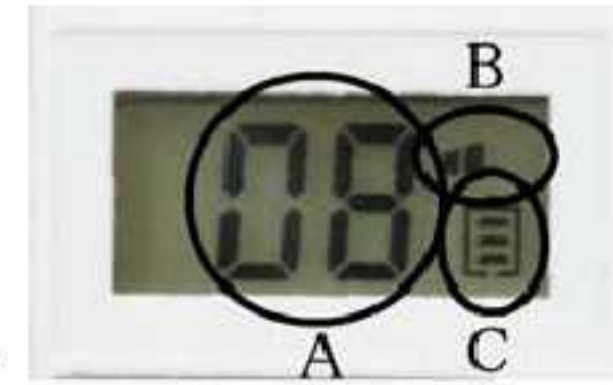
- The device automatically turns off, after 1 hour of non use.

***Using the Receiver**

BANKEN/ HEI-23Y-S

*** Names of parts**

- ① Power switch
- ② LCD
 - A Channel display
 - B Volume display
 - C Battery indicator
- ③ Volume button (Up)
- ④ Volume button (Down)
- ⑤ Channel button (Up)
- ⑥ Channel button (Down)
- ⑦ Canal Earphone
- ⑧ Earphone jack



*** Before to use**

I : How to replace battery

As the right photo, slide the part embossed "OPEN" towards the blue arrow direction, and lift. (The lid does not come off.)

Place the plus side (convex) of two AAA alkaline batteries towards right of the photo, and while pushing to the left, put two batteries in straight.

When removing batteries, take out the seen battery first, then tilt the device to slide the second battery to remove.



II : Insert the plug of an earphone all the way into the microphone jack, until you hear "click" sound.

Power-on

Push power switch button ①, and indication will appears on ② LCD. Lamp is lit on the display for 2 seconds.

Power-off

Push power switch button ① for more than 1 second -- the power is turned off.

** The following operations are performed while the power is on.*

Change Channels ("A" part of the LCD)

- Press the channel button ⑤(+CH) once, and one channel up.
Goes up to "16" channels, and then will return to "01."
- Press the channel button ⑥(-CH) once, and one channel down.

Change Volume ("B" part of the LCD)

- Press the volume button ③(▲VOL) to increase earphone volume.
Press the volume button ④(▼VOL) to decrease earphone volume.
- The volume level will be showed as lines on LCD -- more lines represent greater sound.

Battery indicator ("C" part of the LCD)

- 2 seconds after the power turned on, the battery level is displayed in 5 steps below.
- When lines of the display becomes 0 (None), replace batteries.



Battery save mode ("D" part of the LCD)

- If there is no voice input for 20 seconds, "TX" display of the LCD will blink. Then, the device will enter "battery save mode" -- to prevent battery drain.
- While in "battery save mode," the device stands up automatically with any operations (such as voice input, button operation).

Auto power off

- The device automatically turns off, after 1 hour of non use.



Product Spec.

BANKEN/ HEI-23Y-L BANKEN/ HEI-23Y-S

Standard	Corresponds to Wireless Telegraph Law of each country
Content transmission	Digital signal
Data modulation scheme	DSSS system
Transmission speed	250Kbps
Communication system	Simplex method
Radio format	F1D
Oscillation method	PLL synthesizer system
Operating frequency	2405-2480MHz
Channel	16ch (Digital display)
Antenna	Visceral antenna (Variation of sleeve antenna)
Operating temperature range	-10 ~ +55 °C
Storage temperature range	-20 ~ +75 °C
Rated voltage	3.0V ± 10%
The minimum operating voltage	2.3V or more
Transmission output	10dBm +20%/-80%
Size	TX device: 117 x 55 x 23 mm RX device: 100 x 54 x 15 mm
Total weight (including batteries)	TX device: 101g / RX device: 63g



BANKEN/ HEI-23Y-L, BANKEN/HEI-23Y-S

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 UNDESIRE OPERATION.

Federal Communications Commission Requirements

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.

THE CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE PARTY RESPONSIBLE FOR COMPLIANCE COULD VOID THE USER'S AUTHORITY TO OPERATE THE 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.

An intentional or unintentional radiator shall caution the user that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Industry Canada license-exempt RSS standards. 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.

Selon les demieres RSS-210 et CNR-GEN 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 ne doit 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.

The HEI-23Y-L unit (FCC ID: VGWHEI-23Y-1) complies with FCC radiation exposure limits set forth for uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines in Supplement C to OET65. The unit has very low level of RF energy that it is deemed to comply without testing of specific absorption ratio (SAR).