FCC Statement:

Any 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.

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 Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment .

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

BHM-78 Fast Operate Manual

1，This device has built-in GPS + Beidou module, single-system or dual-system positioning is optional. After connecting the N series device, the screen will display the setting menu of the N device, so that the connected device can be controlled wirelessly. Such as wireless switch, wireless modification of frequency, setting of parameters, control of radio transmission and so on.

[Color optional]: Fluorescent Green / Rescue Orange ...
【Standard accessories】:Wireless hand microphone body: 1
Lithium battery: 1 piece (capacity 3000 mAh)
Metal car rack: 1 (used on car)
Quick release rotating back clip: 1 (portable use)
TPYE-C charging cable: 1

Two-Methods pairing operation

The first method:
Connect the wireless hand microphone to your mobile phone.
(At this time, it can be used as a Bluetooth speaker, and the mobile microphone will play songs with the mobile phone and display the song name. If the mobile phone opens the VGC HT APP, it can be used as a wireless mobile microphone of the network channel for network intercom [There is no need to turn on the car at this time equipment].)
①Turn on the pairing switch of the hand microphone peripheral (double-click the side top button or open the peripheral pairing in the menu), the hand microphone indicator will flash red and green alternately and enter the pairing state.
②Open the Bluetooth menu on the mobile phone to search for available devices, and click BE-78 for pairing operation.
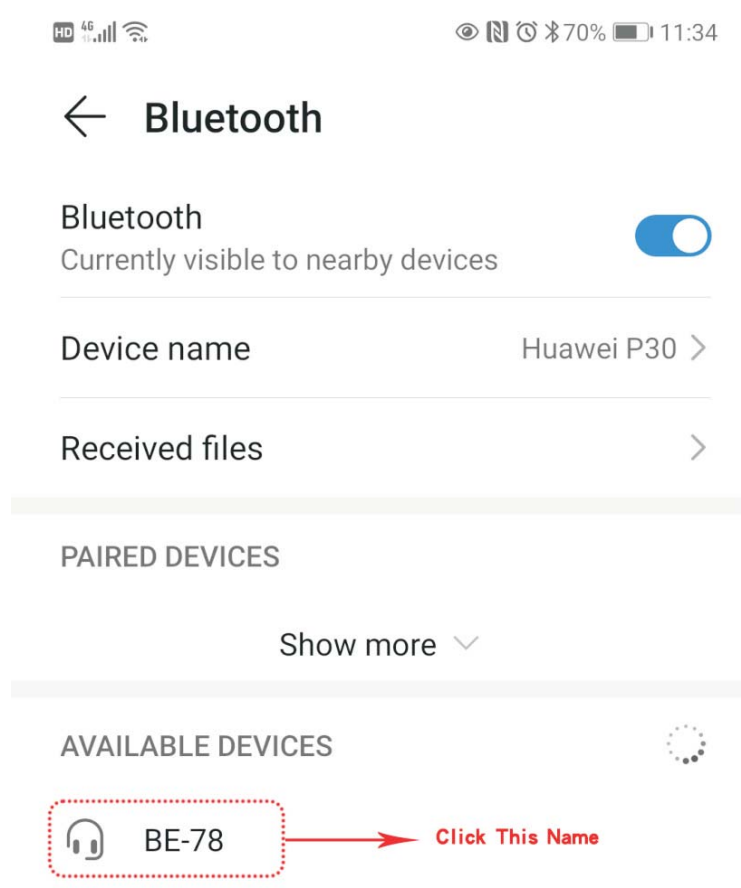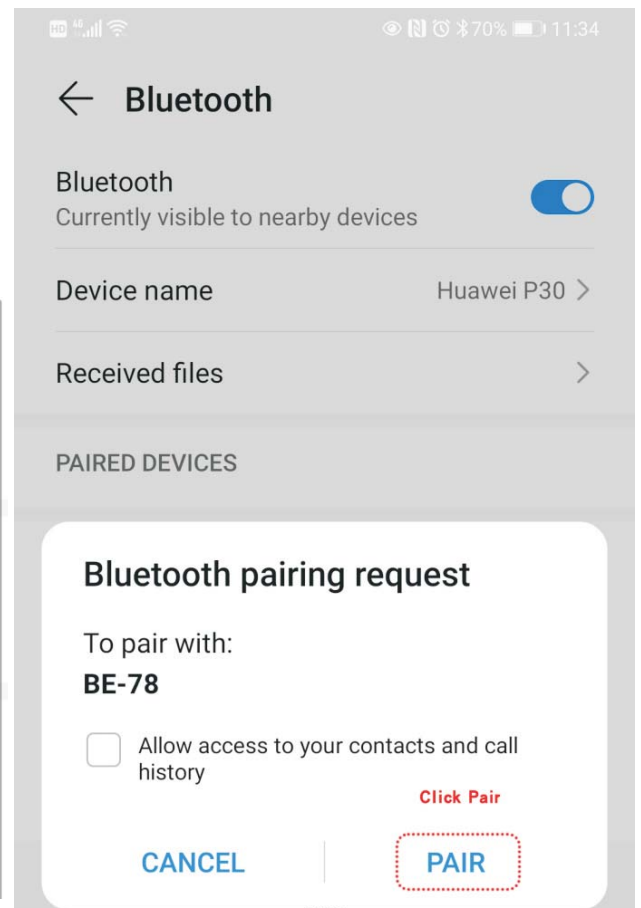
Figure 1

Figure 2

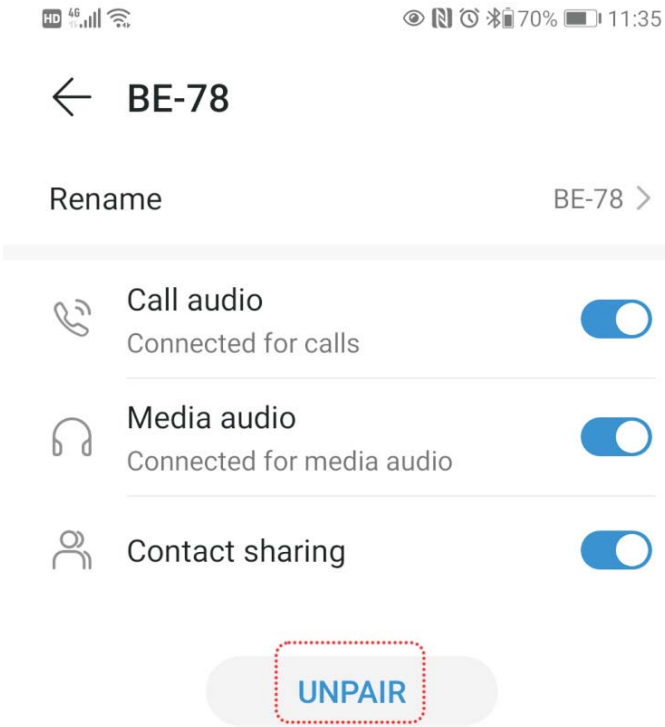③After the connection and pairing is successful, the display is as follows.

Figure 3

Figure 4

[Disconnect pairing operations are as follows]:
① Click the icon below. Just enter the menu and cancel pairing.（As Figure 4）

Please note that in order to reduce the voice distortion caused by Bluetooth bandwidth occupation, if you are using a network channel, please directly use the Bluetooth hand microphone as a Bluetooth speaker, without binding the network channel to the analog channel. The network channel and the analog channel are used separately.(As Figure 5)

Figure 5

The second method:
The wireless hand microphone is connected to VGC N series equipment. (At this time, it is used as a wireless hand microphone with display for N series equipment)
[Tips] It is recommended to upgrade VGC N series devices to the latest firmware first.

①Turn on the hand microphone pairing switch (double-click the side top button or open the pairing in the menu), the hand microphone indicator will flash red and green alternately, and enter the pairing state.

②Double-click the pairing button of the VGC N series device (such as N7500 mobile radio: double-click the power button, the indicator will flash red and green alternately, and enter the pairing state.)③Ensure that the wireless hand microphone and the N series device are in the pairing state. After a while, the pairing will be performed automatically. After the pairing is successful, the current frequency and channel information of the N series will be displayed on the wireless hand microphone.(If the wireless handheld microphone's standby display only shows the N series model after the pairing is successful, and cannot display the frequency and walkie-talkie setting menu, please upgrade the VGC N series device to the latest firmware.
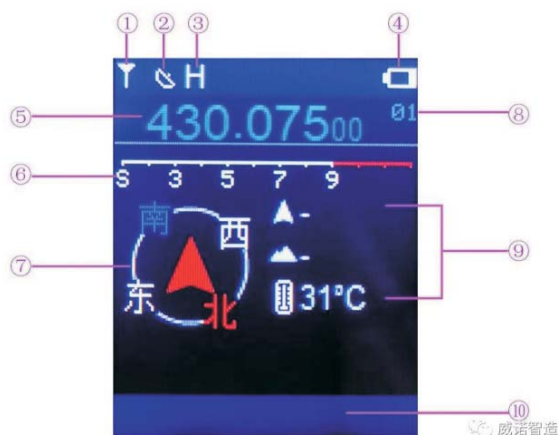
Button Function Distribution

Model: BHM-78

①Side top key.
[Double-click]: Start pairing. The indicator light flashes alternately in red and green. You can also directly turn on [Pairing] in the menu to enter the pairing state.[Click]: Turn on or turn off the radio. (Need to connect to VGC N series equipment)

②PTT button.
Press and hold the PTT transmitter button, and then speak in a normal voice.
Release the PPT button to receive the signal.

③K1 key.
【Click】Next channel (increment).
[Double click] talk around switch.
【Long press】Prohibit radio transmission.

④K2 key. 【Click】Previous channel (decreasing).
[Double click] T-Call (transmit 1750 signaling).
[Long press] Switch between high, medium and low power.

⑤ Headphone socket.

Keyboard Function Distribution

Model: BHM-78

① ▲Up key.Page up.

② ▼Down key.Page down

.③MENU menu key.Enter the menu function.

④P1 function key.In the mobile radio connection mode, press this key to enter frequency editing.

⑤ EXIT Exit/return key.In the menu mode, it is the return key.

⑥P2 function key.In the standby screen mode, it is the switch screen key. Press this key repeatedly to switch back and forth between the three screen modes.

ICON Function（1）

These functions need to be paired and connected with the VGC N series device first.

① Radio.Represents the normal standby state of the radio

.②Beidou/GPS satellites.
On behalf of the Beidou/GPS function.
Beidou+GPS is turned on by default when it is turned on.

③Power Output icon.
H high power, M medium power, and L low power

.④Battery power.Battery level display. (The specific battery percentage can be queried by entering [Status] in the menu)

⑤ Main band frequency.Display the current frequency of the main segment

⑥ Signal strength meter.
When receiving, display the received signal strength indicator.

⑦ Electronic compass.
Display the electronic compass.

⑧ Channel:The current channel of the current frequency.

⑨ Auxiliary data.[Speed] The current speed when receiving the stars.
[Altitude] The altitude when the current star is received.
【Temperature】Current temperature.

⑩ Status bar.After receiving the satellite or connecting the mobile phone, the actual time and date of satellite time service or network time service will be displayed.

Electronic Compass.

① Sensor icon.The "=" icon in the middle of the electronic compass means that it is disturbed by the external environment. You need to enter the menu [Compass] and perform correction operations according to the on-screen instructions. At this time, after entering the menu [Compass], the screen will prompt "Please place the device on a level surface (screen facing up), and then press the [OK] button in the upper left corner of the keyboard.

②Sensor icon.The "8" icon in the middle of the electronic compass means that it is disturbed by the external environment. You need to enter the menu [Compass] and perform correction operations according to the on-screen instructions. At this time, after entering the menu [Compass], the screen will prompt "Please calibrate the sensor according to the figure 8 rotating device".At this time, please hold the device and stretch it forward, and draw the figure eight (ie "∞") quickly and forcefully. It is better to complete one to eight characters in about 2 seconds.

Tip: Keep the device away from strong magnets as much as possible, as strong magnets will affect the device's sensors. If it is sometimes close to a strong magnet, the screen will prompt an icon, and the icon will be restored immediately after it is far away, and no correction is required at this time. If you find that the electronic compass is unresponsive during use, please enter the menu [Compass] to calibrate the sensor to avoid being misled by the strong external magnetism.

ICON Function (2)

These functions need to be paired and connected with the VGC N series device first.

①Main frequency band.
After the dual watch is turned on, the frequency of the main band is red.

②Sub-frequency band.
After the dual watch is turned on, the sub-band frequency is blue.

③transmit.Arrow up ∧ means transmitting, and arrow downward ∨ means receiving.

④Scan.Indicates that the scanning function is turned on

.⑤ talk around.It means that the talk around function is turned on.

⑥Connect the mobile phone.It means that the device is connected to the mobile phone.

⑦ Channel.Channels corresponding to the main band and the sub-band respectively.

⑧Signal strength:The received signal strength indicator of the receiving frequency band.
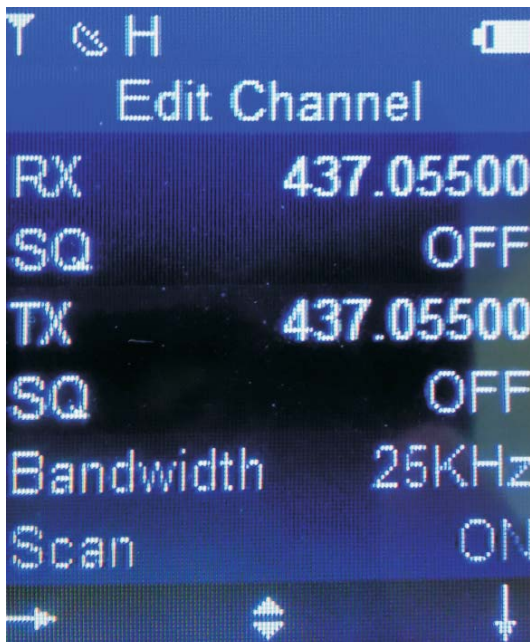
⑨ Auxiliary data.
[Speed] The current speed when receiving the stars.
[Altitude] The altitude when the current star is received.
【Temperature】Current temperature.

⑩ Status bar.After receiving the satellite or connecting the mobile phone, the actual time and date of satellite time service or network time service will be displayed. If the time zone is wrong, please adjust the corresponding time zone in the menu

Edit frequency and memory settings.

① ➡
Refers to the next digit of the cursor.
Press this key to move the cursor to the next digit.

② ⬇
Refers to each choice of receiving and transmitting parameters, that is, selecting the item that needs to beadjusted.
Press Press to move down list.

③Cursor.
Under the current cursor, you can use the up or down keys to select the specific value you need.

Split screen display

①

②

③ 威诺智造

①
The user's name or call sign is displayed in single standby. (Pre-set via APP)

②
Display the last contact information received.
Such as the name or call sign of the other party plus location information and location direction. (2,756 m)

③
Display a list of recently received contact information.
Press the key to select he list of information to be viewed.
Press [Enter] key to enter to view the detailed location information and location direct ion of the other party when communicating.

Note: In the standby mode, please press the [Back] key on the upper right corner of the keyboard to switch back and forth between the above three screens.