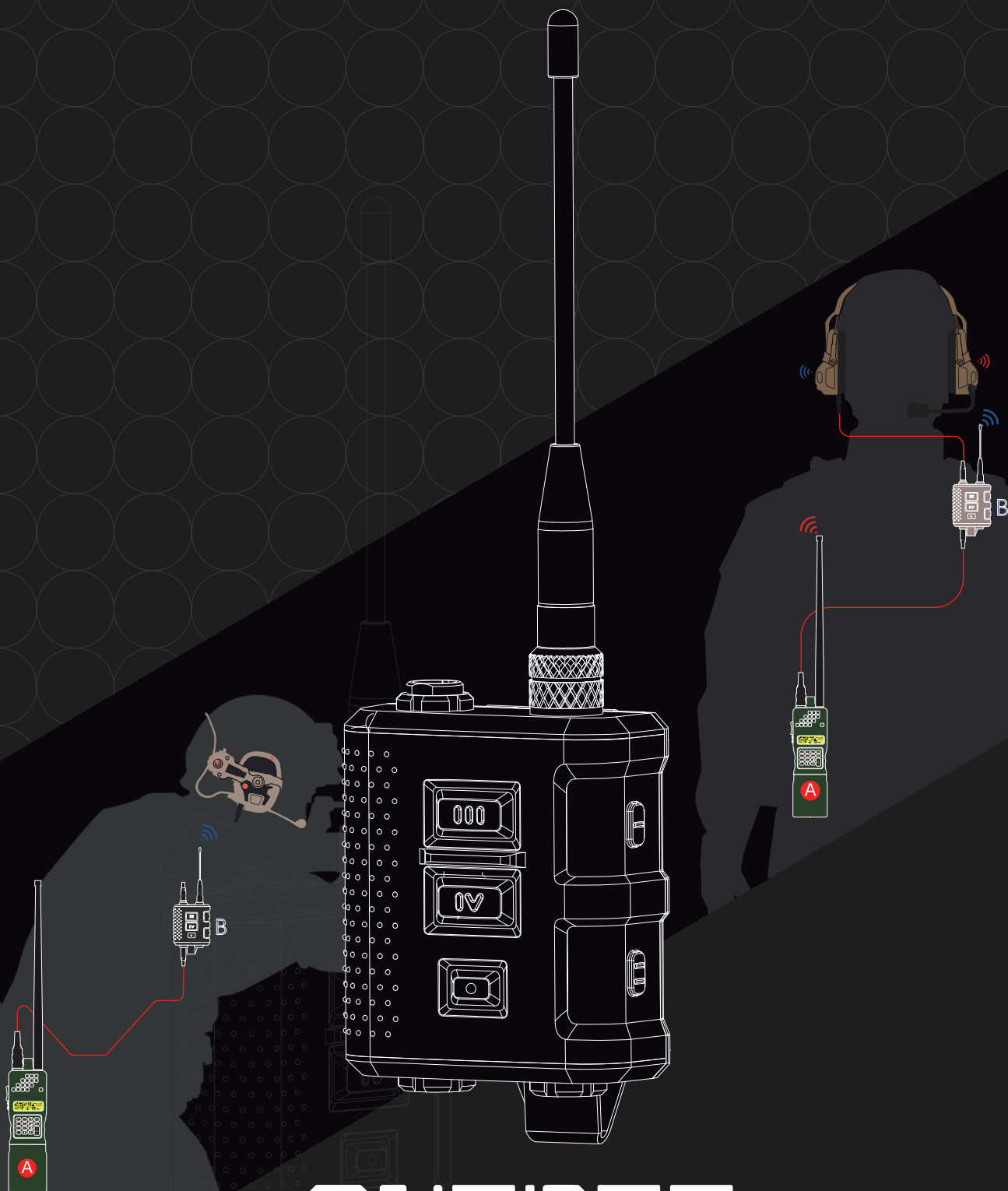


FCS



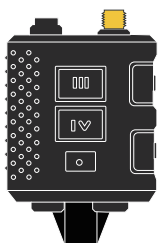
ANTPTT

ANT TACTICAL SYSTEM

Quick Operation Manual

● Product Standard

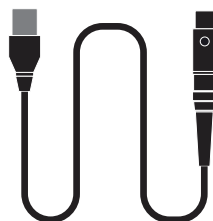
1. Please check whether the product accessories are complete before opening the box and using it.



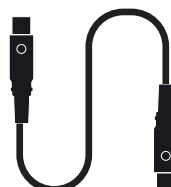
ANT PTT*1



antenna*1



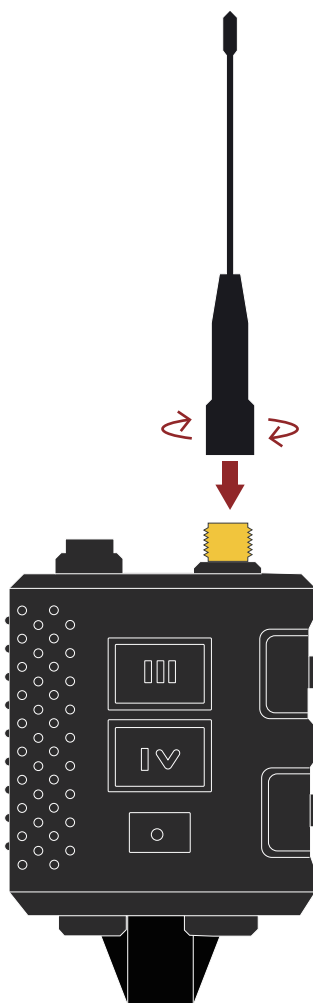
Charging/writing line*1



KN6 double pass line*1

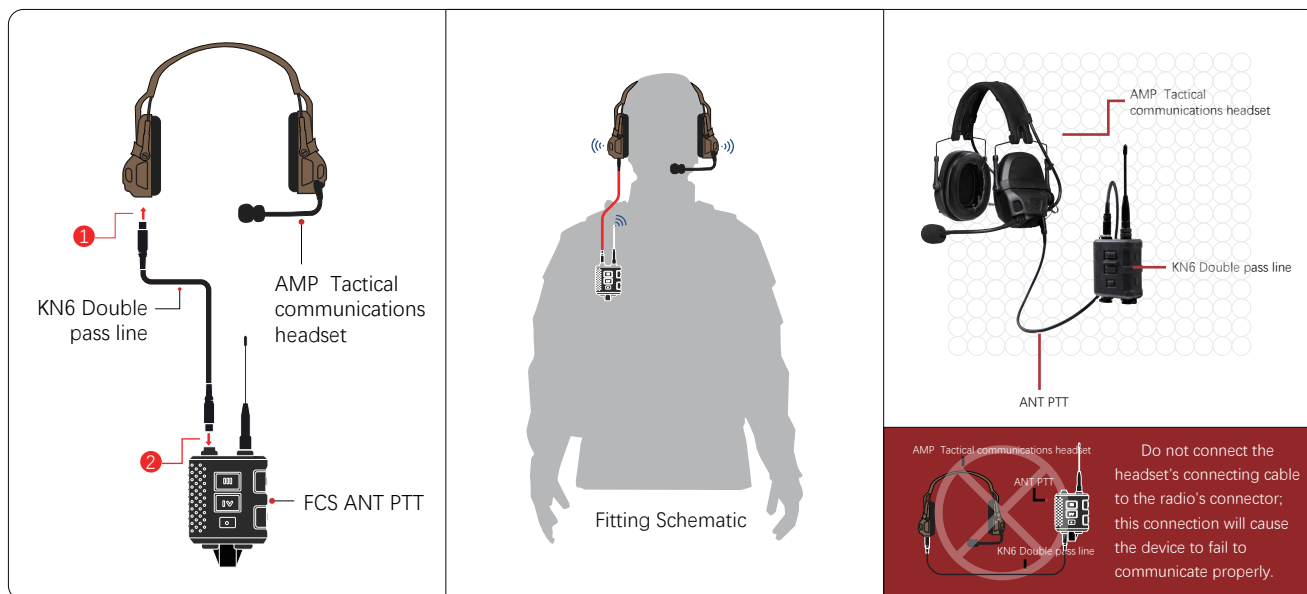
● Installation of ANT PTT antenna

1. Attach the antenna to the ANT PTT as shown and tighten clockwise.



● FULL-DUPLEX COMMUNICATION CONNECTION SCHEMATIC

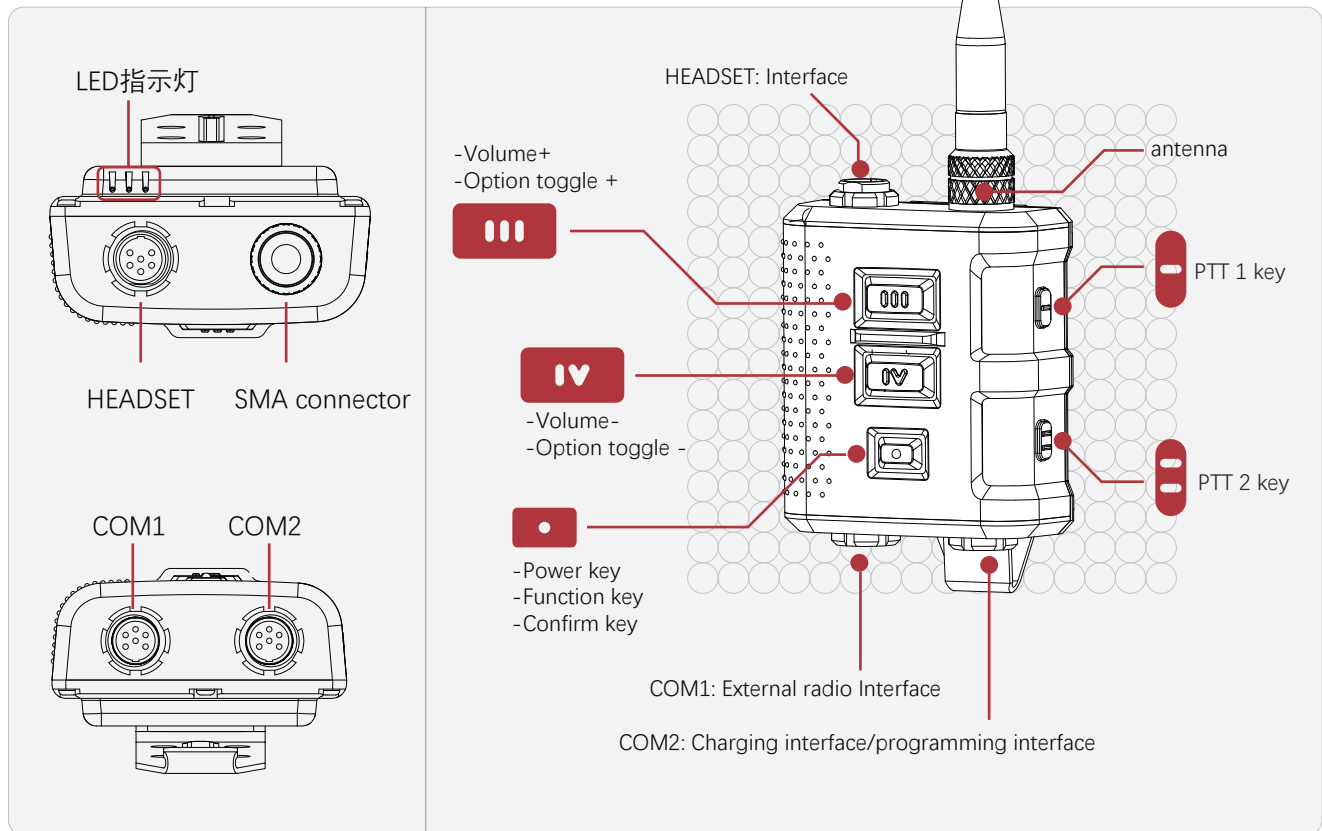
1. Connect the ANT PTT to the FCS AMP Pickup Noise Canceling Tactical Headset with the KN6 Dual Pass Cable as shown.
2. When using the ANT PTT for full-duplex communication, the headset receives audio signals in two channels.



● SCHEMATIC OF FULL-DUPLEX AND PRIVATE NETWORK COMMUNICATION CONNECTION

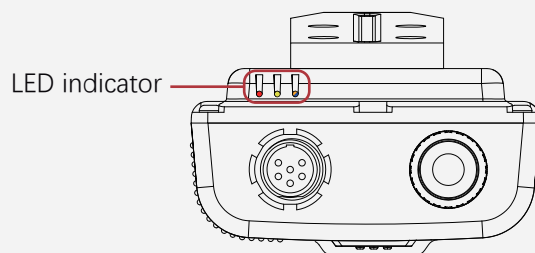
1. Connect the ANT PTT to the FCS AMP Pickup Noise Canceling Tactical Headset with the KN6 Dual Pass Cable in the order shown.
2. Connect the ANT PTT to the radio with the lower outlet cable adapted to the radio.
3. When the ANT PTT is in dual pass-through connection, the left channel of the headset will be the audio signal received by the ANT PTT and the right channel will be the audio signal received by the radio.

● EXTERIOR FUNCTION KEYS INTRODUCTION



● INDICATOR LIGHT DESCRIPTION

The indicator light will indicate differently when the device is in different operating states.



RED LIGHT STATUS DESCRIPTION

Normal power-up mode

● ● ● Red light blinks fast: the device is transmitting a signal

Alternate Upgrade Mode mode:

● ● ● Red light blinking: device is in standby upgrade mode

Programming mode:

● ● ● Red light blinks slowly: device is in programming mode

YELLOW LIGHT STATUS DESCRIPTION

Normal standby mode

● ● ● Yellow light flashing: the device is in the receiving signal

Blinking during power-up:

● ● ● Yellow light is flashing: firmware is being upgraded, wait for the upgrade to complete and then voice prompt "power on".

Orange light status description

● ● ● Orange light always on: charging

Blue light status description

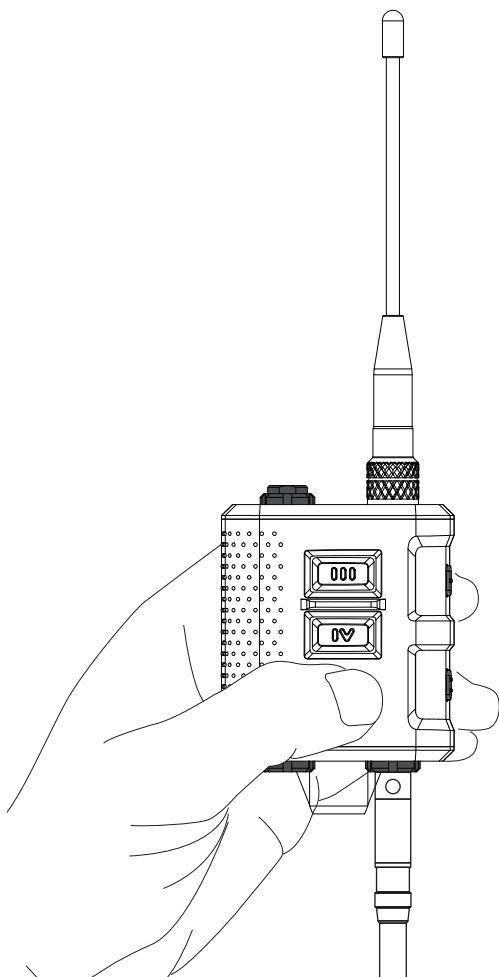
● ● ● Blue light is always on: charging is complete




TIPS

Please connect and wear the headset to perform the following tutorials

● Quickly get started with ANT PTT





● power on

Press and hold the  key to turn on the power, the voice prompts "power on".

● Adjusting the volume


-In standby:

Continuously click the  key to increase the volume and the voice prompts the current power level.

Continuously click the  key to reduce the volume and the voice prompts the current power level.


● Check Remaining Power

-In standby:


Click the  key to check the remaining power level, and the voice prompts the remaining power level.

● full duplex communication

-Enable full dual communication state


Enable full-duplex communication: Short press  key to enable full-duplex communication, the voice prompt will be "beep".

-Exit full-duplex communication state

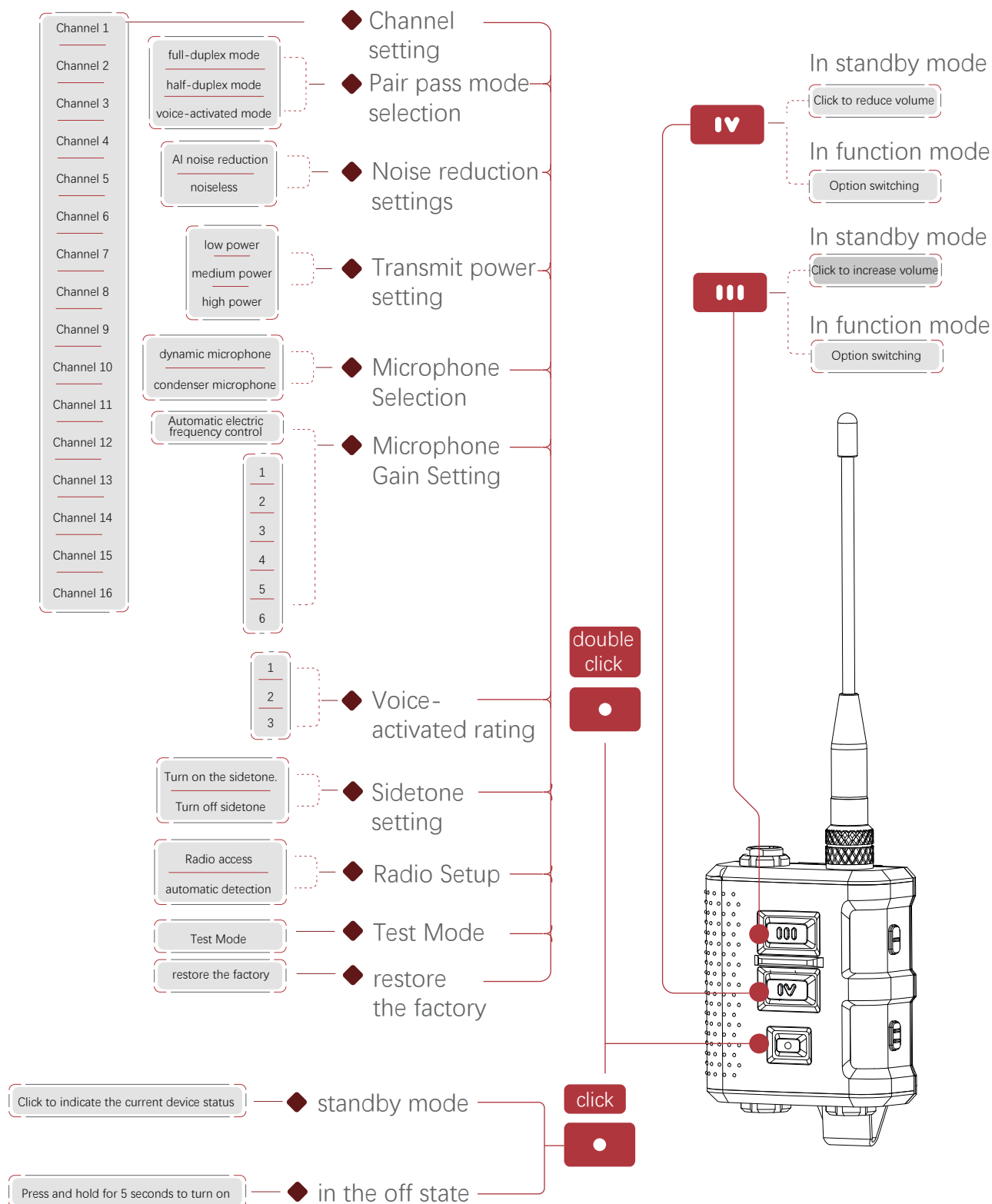
Turn off full-duplex communication: : Short press  key to turn off full-duplex communication in the on state, and the voice prompts "beep beep beep". At this time, it enters the standby mode.

● Access to the function menu

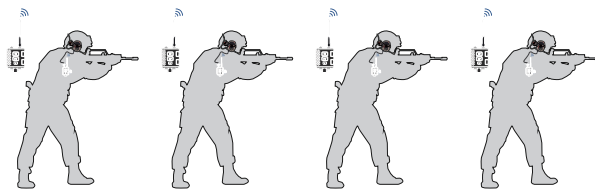
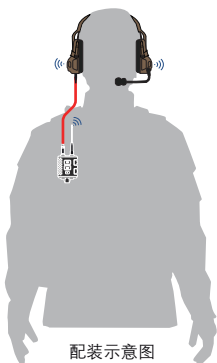
-In standby:

Double-click the  key to enter the function menu, the voice prompts "function selection".

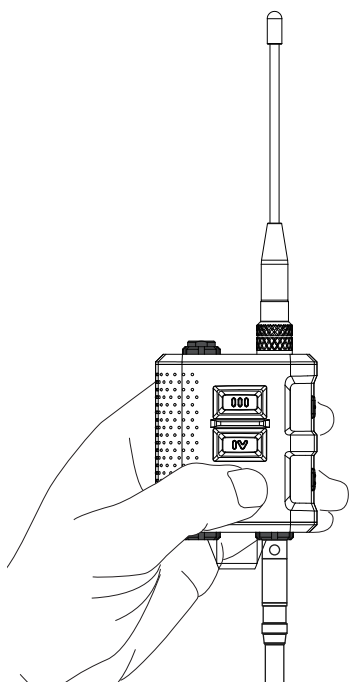
● Description of equipment functions









● Full-Duplex Team Intercom Manual Quick Setup









- To realize full-duplex team internal communication requires more than 2 ANT PTTs for networking.
- Support multiple online listeners and 4 real-time two-way calls at the same time.



● Setting Full-Duplex Mode

- Double-click the  key to enter "**Function Selection**".
- Use the  key to select "**Intercom Mode Selection**" and click the  key to enter.
- Use the  key to select "**Full Duplex**", click  key to confirm "**beep**".
- Click the  key again to save the settings and return to standby automatically.

● Set to same channel

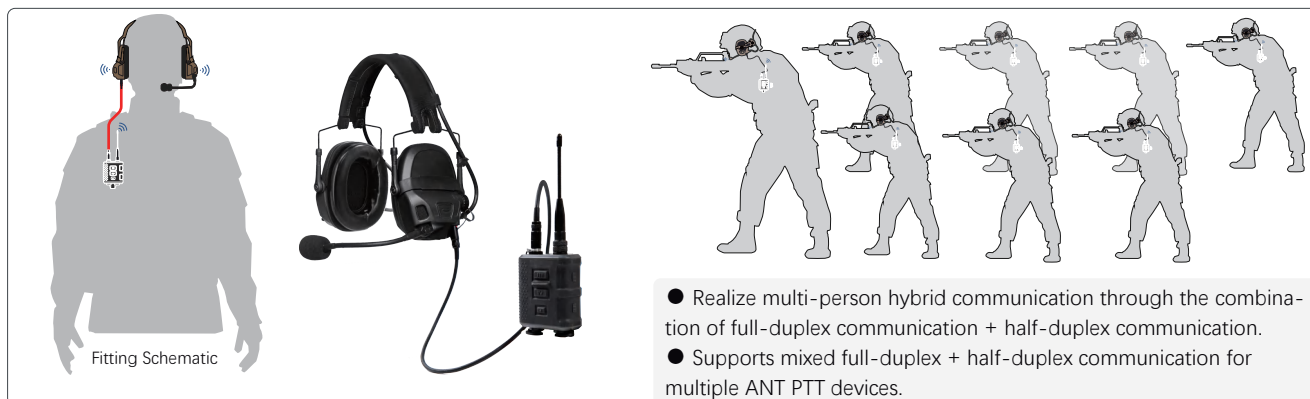
- Double-click the  key to enter "**Function Selection**".
- Use the  key to select "**Channel Setting**", click the  key to enter.
- Use the  key to select channel, for example, select "**Channel-3**", click the  key.
- Click the  key again to save the setting and return to standby automatically.

● Perform full-duplex communication

- Set up all devices as described above.
- You can use the devices for full-duplex communication after the settings are completed.

※ "**Red font**" is the voice prompt.

● Team full-duplex intercom + half-duplex hybrid communication setups



● Set to same channel

- Double-click the key to enter "Function Selection".
- Use the key to select "Channel Setting", click the key to enter.
- Use the key to select channel, for example, select "Channel-3", click the key.
- Click the key again to save the setting and return to standby automatically.

● Set two or three of the devices to "Full Duplex Mode".

- Prepare 2~3 devices to be set in full duplex mode.
- Double-click the key to enter "Function Selection".
- Use the key select "Intercom Mode Selection" and click the key to enter.
- Use the key select "Full Duplex", click the key confirm "beep", click the key again to "save settings" and automatically return to standby mode.

● Set the rest of the devices to "voice-activated mode".

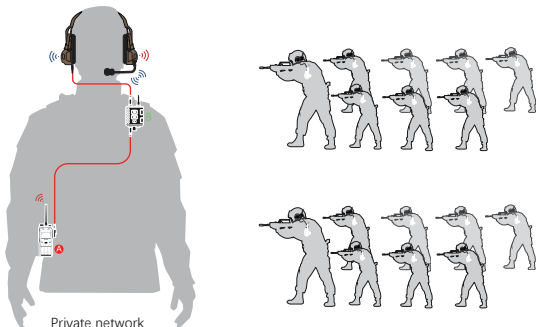
- Set the rest of the devices to "Voice Control Mode".
- Double-click the key enter "Function Selection".
- Use the key select "Intercom Mode Selection" and click the key enter.
- Use the key to select "Voice Control Mode" Click the key to confirm "Beep", click the key again to "Save Settings" to return to standby mode automatically.

● Perform team full-duplex intercom + half-duplex hybrid communication

- Set up all devices as described above.
- The intra-team communication can be performed after the settings are completed.

※ "Red font" is the voice prompt.


● Access to private network communication settings



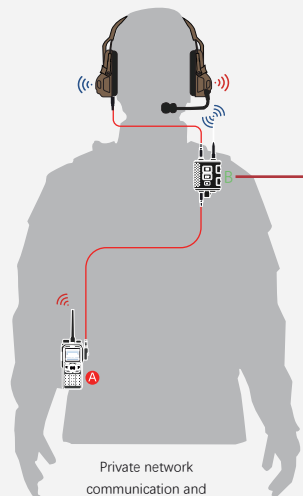
● Ant Tactical System full-duplex send and receive one-touch communication supports connecting to the private network radio to realize private network communication.

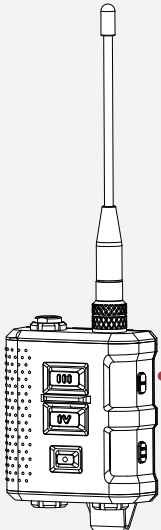
Under the premise of maintaining the original full-duplex communication, connecting to the private network radio communication can realize the remote instruction issuance of the command and the dispatching between the squads, and improve the efficiency of mission execution.

● Schematic of full-duplex and private network communication connection



● Full-duplex equipment access to private network communications



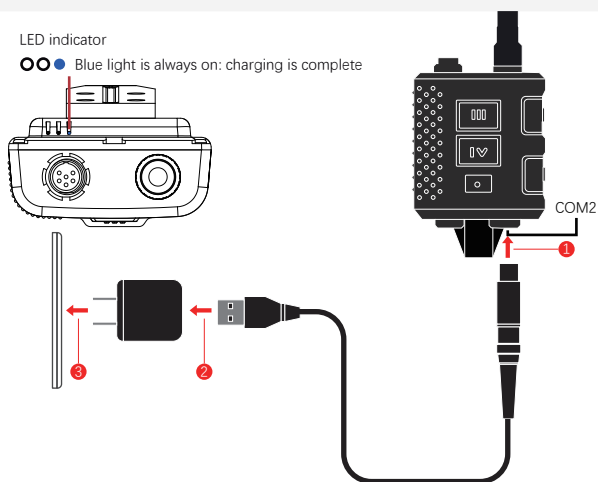


Press PTT1 for private network communications

Press PTT2 for full/half-duplex within the team

● Charge the device

1. When ANT PTT voice prompts "low battery, please charge", please charge it in time.
2. Connect the power cord to the ANT PTT and the power adapter as shown in the diagram.
3. Note that the power cord should be connected to the **COM2** port.
5. The indicator light is **orange** during charging.
5. Charging completion indicator lights **blue**.



Common Equipment Problems Troubleshooting and Solutions

MALFUNCTIONS	RATIONALE	CURE
Booting is not possible	1. Low battery 2.No long press power key to turn on	1. Please charge the device and use it. 2. Long press the power button for about 5 seconds to turn on the device, the voice prompts: power on
Unable to send voice	1. Loose headset microphone connector	1. Please check whether the headset microphone installation is in place correctly
Full-duplex communication is not possible	1. Full-duplex communication is not turned on 2. Not set the communication channel 3. Headset, ANT PTT, intercom not properly connected.	1. Please read the user manual carefully and follow the manual tutorial to open the full duplex communication settings. 2. Please read the user manual carefully and set the communication channel of the device to consistent channel according to the manual. 3. Connect the headset, ANT PTT, and radio correctly.
Connecting the headset does not allow normal communication	1. not properly connecting the headset to the ANT PTT as instructed in the instruction manual. 2. Failure to use the FCS AMP tactical communications headset. 3.Using the NATO Definition Headset Adapter U174/U adapter to connect the ANT PTT	<div> <p>1. Connect the headset and ANT PTT correctly, as illustrated in the intercom</p> </div> <div> <p>2. Wrong connection illustration, please read the connection in illustration 1.</p> </div> <p>3.FCS ANT PTT only support FCS AMP pickup noise-canceling tactical headset and FCS COMTAC3 special edition pickup noise-canceling tactical headset, other types of tactical headset does not support the connection use.</p>

● Precautions for equipment use and warranty policy

important reminder

- Please read the product manual carefully before using the equipment and follow the instructions in the product manual to operate the equipment.
- If during the product warranty period, under normal use and maintenance conditions, the equipment can not be used due to defects in design, materials or workmanship, you can contact the dealer to negotiate with the equipment to return to the factory for repair or replacement.
 - The device supports IP66 waterproof, please avoid immersing the device in water containing magazines or other liquids (such as soft drinks, seawater, sweat, etc.) that penetrate into the ports of the device. Do not charge the device when these ports are wet. After cleaning these ports and waiting for them to dry, you can connect headphones or charge the device.
 - Do not charge your device in a wet place or near a sink. Do not connect or disconnect the charger with wet hands.
 - You may use your device in certain humid or dusty environments, but be aware that it should be used in a manner that meets its IP rating limitations and general use limitations. Conditions that exceed the IP rating limits include environments with excessive humidity and dust.
 - Do not tamper with the unit's ports or connecting cables.
 - Do not attempt to replace the battery yourself-you may damage the battery, which could result in overheating, explosion, fire, property damage, or personal injury. The batteries in the unit must be serviced and recycled by a qualified technician.
 - Turn off the device when entering any area with potentially explosive gases.

● WARNINGS

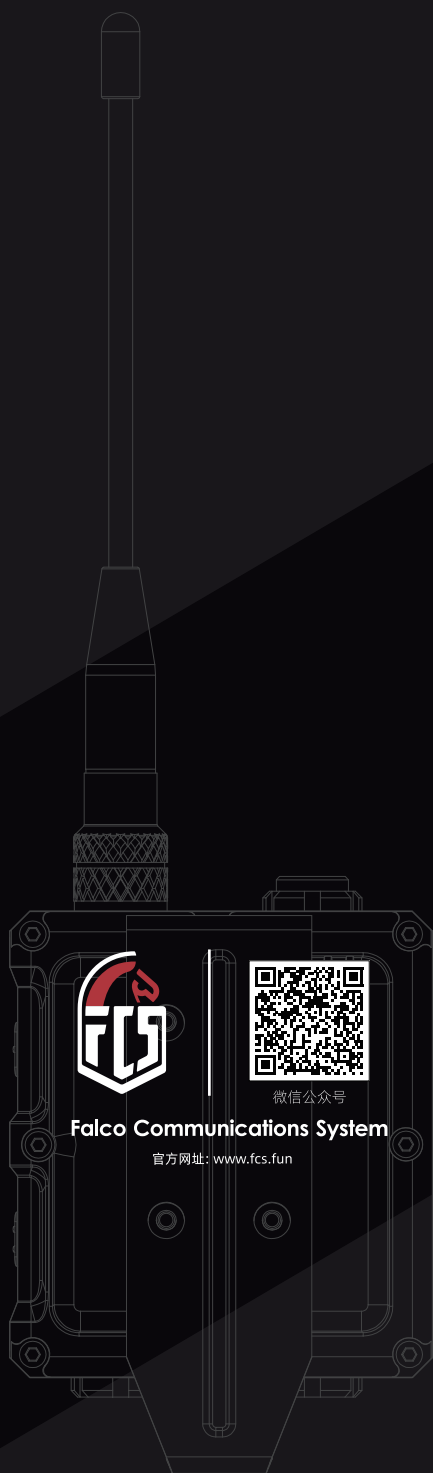
● important reminder

It is strictly prohibited to disassemble or repair the equipment by personnel without maintenance qualifications. If the equipment has problems that cannot be solved in the course of use, please consult an authorized maintenance personnel or call your dealer. Private disassembly will cause irreversible damage to the ANT PTT equipment, damage caused by private disassembly of the ANT PTT equipment is not covered by the warranty.

● About Warranty

The warranty period of the main body of this product equipment is one year, wearing parts, rubber parts are not covered by the warranty.

If your equipment needs warranty, please contact your local dealer for warranty.



微信公众号

Falco Communications System

官方网址: www.fcs.fun