



VAXIS LITECOMM



User Guide



Key Features

Key Features:

- 1.Full-duplex wireless communication, supporting up to 8 sets (standard configuration includes 4 sets and 8 sets).
- 2.Clear line-of-sight transmission distance of 350 meters.
- 3.Ultra-long battery life, single battery endurance time is 8 hours.
- 4.Supports wireless cascading, extended distance (with HUB, can support up to 26 sets simultaneously).
- 5.Supports grouping, seamless switching, and efficient communication.
- 6.Supports wired audio output with a delay of 25ms.
- 7.Supports Bluetooth 5.1 protocol, NFC pairing, making connections easier.
- 8.Wireless connection between the headset Host and the earphones allows for a lighter wearing experience.
- 9.Supports echo cancellation and active noise reduction for clearer communication during calls.
- 10.Automatically turn off the screen/key lock when there is no operation
- 11.Supports PD charger/computer TYPE-C USB 5V output charging protocol.

How to use

Host diagram



NFC Pairing



1. Keep the headsets turned on.



2. Long-press the NFC button on the Host until the screen shows "NFC on. Align the NFC area indicated on the headsets with the NFC switch on the Host. Hold them together for 1 to 3 seconds. The Host and headsets will automatically complete the pairing process.



3. The headsets will prompt "Connected," and the Host will display the text "NFC SUC" in green, indicating successful pairing.



4. The headset blue light being constantly on indicates a successful pairing.

Group Mode



Click the "ABC Button" to toggle between Group A, Group B, and Group C.

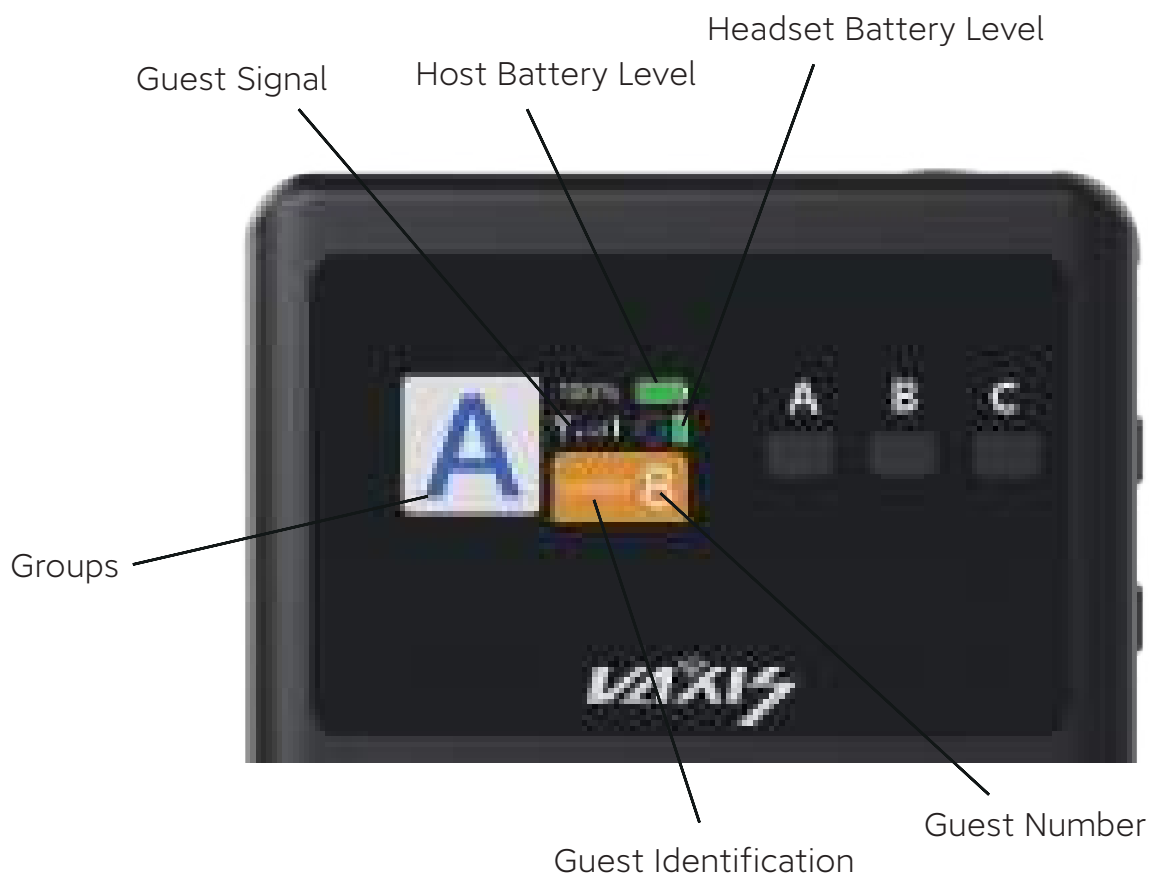
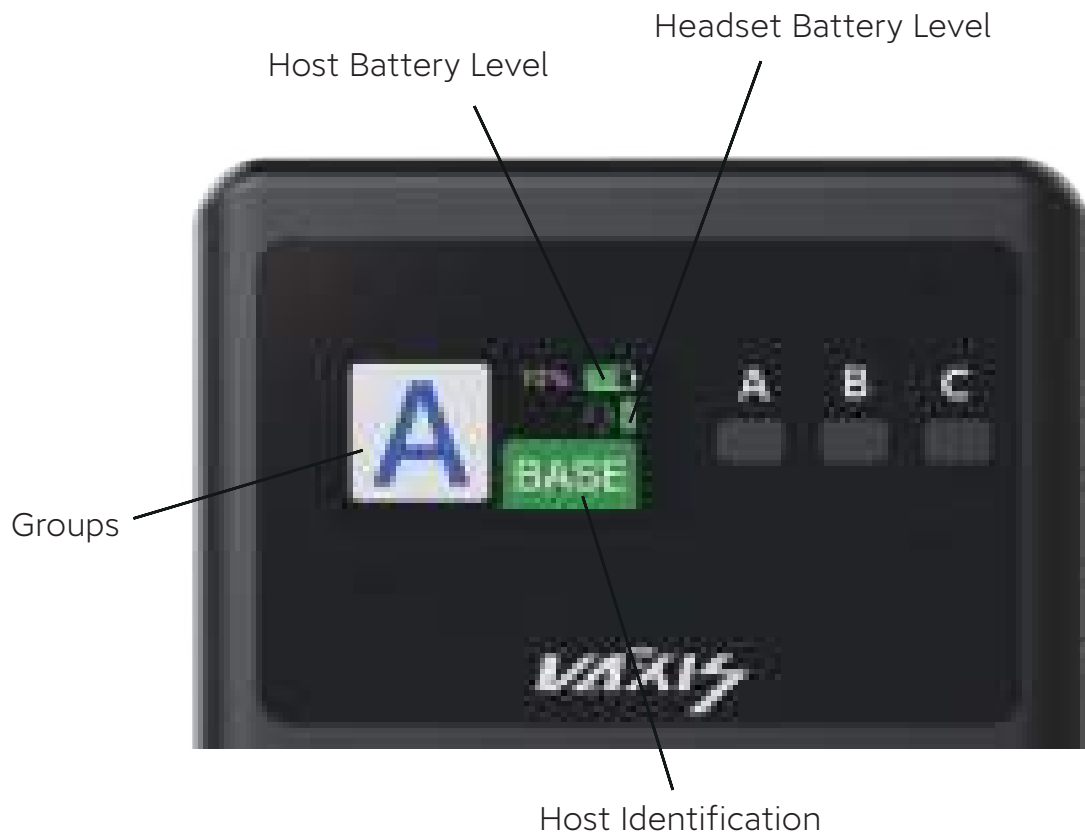
Group A can only communicate with members within Group A.

Group B can only communicate with members within Group B.

Group C can only communicate with members within Group C.

Host can double-click the "A Key" to switch to the ALL group, allowing listening to any subgroup and communicating with anyone within that group.

Host Interface



Find Headsets



Click the volume button, and the connected headsets will emit a "bi" sound prompt, allowing you to locate the connected headsets.

Note that the sound of the prompt is relatively loud, so be cautious about protecting your hearing when using the find feature.

Expanded Functionality

Pairing



1. Press and hold the "B Key" for 15 seconds to enter the secondary menu. In the menu, the Host displays "Pairing" and the Guest displays "Host Pairing."



2. Click the "B Key" to enter pairing mode.



3. Select the serial number you need on the Host end



*Serial numbers displayed in black indicate that there are Guests online under that serial number. If you choose this serial number for pairing, the system will show an occupancy warning. If you proceed with pairing forcefully, the Guest under this serial number will disconnect and require re-pairing.



4. After successful pairing, a prompt will indicate "Pairing Successful." If you receive a pairing failure prompt, repeat the previous steps.



5. Once pairing is successful, click the "C" button to return to the Host interface.

HUB Cascading



One Host can connect to maximum of 7 Guests.

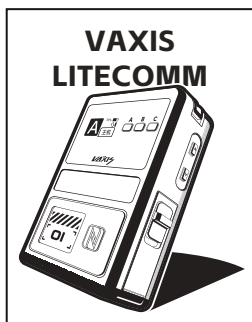


More pairing needs to be realized by adding HUB, HUB can realize infinite cascading, support up to 26 sets of simultaneous use.

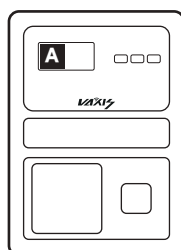
Technical Specifications

Distance	Line of Sight 350 meters
Wireless Parameters	Frequency Band: 1.9GHz (DECT)
Modulation Mode	GFSK
Power	20.34dBm
Receiver Sensitivity	$\leq -95\text{dBm}$
Battery Capacity	Battery 1720mAh Removable
Battery Life	2 sets working simultaneously: Host ≥ 8 hours, Guest ≥ 10 hours
	4 sets working simultaneously: Host ≥ 7 hours, Guest ≥ 10 hours
	8 sets working simultaneously: Host ≥ 6 hours, Guest ≥ 10 hours
Charging Time	≤ 2.5 hours charged through the charger
Bluetooth Protocol	5.1
Bluetooth Transmission Distance	20 meters (open and unobstructed environment)
Power Input	Type-C, power supply range 5V/2A, do not charge over 6V
	Chargeable by power bank, DC charger, PD charger, PC
Power Output	Type-C, output voltage 5V/0.1A,
	this power output is for headphone charging/supply only.
Audio Output	$\phi 3.5\text{mm}$ interface
Software Function	TYPE-C interface outputs audio signal,
	can collect audio when connected to a laptop
Operating Temperature	$-10\sim 50^{\circ}\text{C}$
ESD Protection	Contact discharge 4kV, air discharge 6kV

Packing List



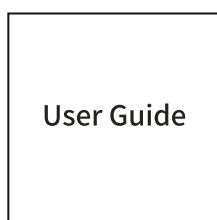
Box



Litecomm Host/Guest



Type-C Cable



User Guide Card

Please do not use if the content of the above illustrations is missing or the product is damaged. Please contact the dealer where the product was sold or get in touch with us.

Please note that packaging contents may vary due to regional differences in sales.

FCC Warning

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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.

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.

Specific Absorption Rate (SAR) information:

The device meets the government’s requirements for exposure to radio waves. The guidelines are based on standards that were developed by independent scientific cognition through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons regardless of age or health.

FCC RF Exposure Information and Statement the SAR limit of FCC is 1.6 W/kg averaged over one gram of tissue. The device has also been tested against this SAR limit. This device was tested for typical body-worn operations with the back of the device kept 0mm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain an 0 mm separation distance between the user’s body and the back of the device. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.



VAXIS LITECOMM HOST