VAXIS

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 dislay 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.

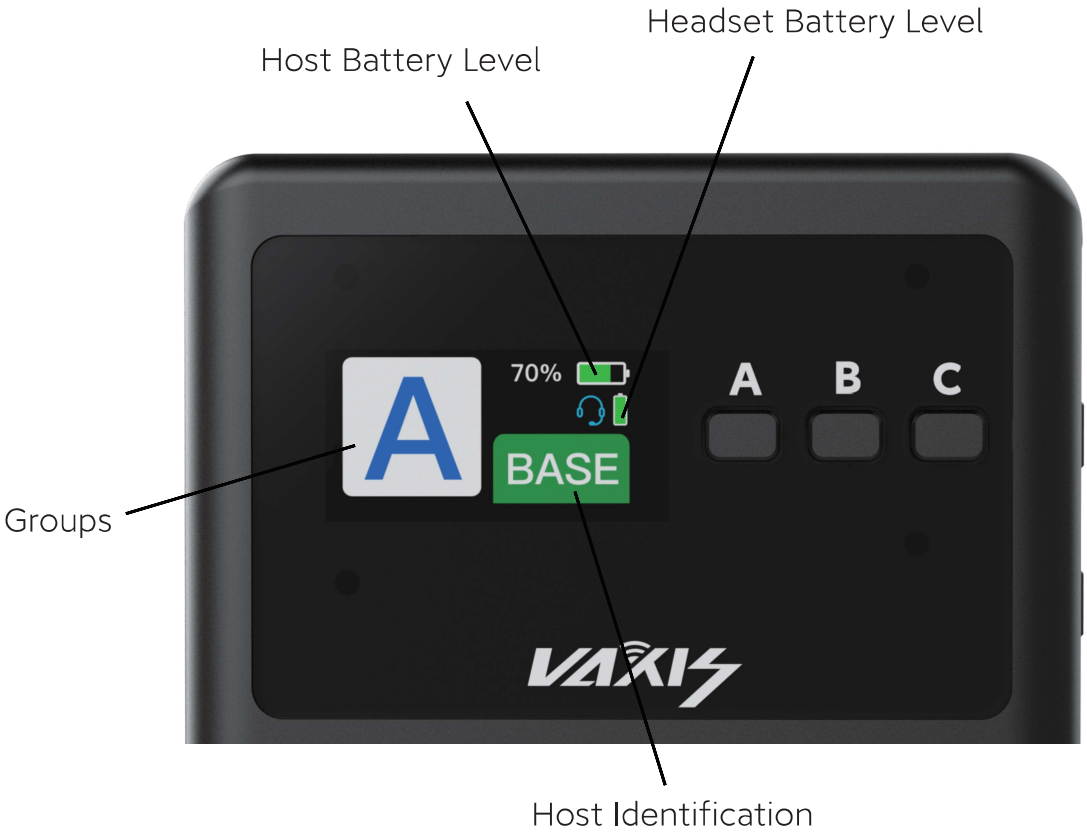
Group A can only communicate with members within Group A.

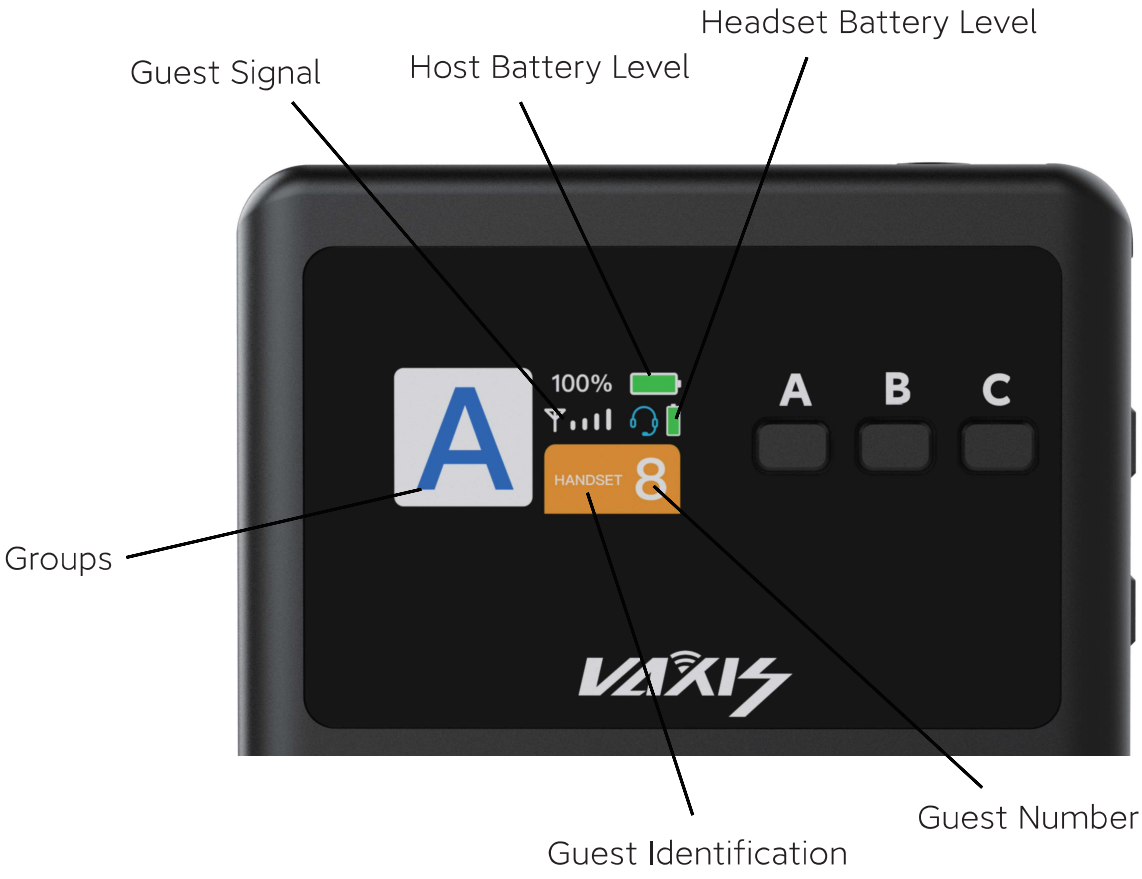
Group B can only communicate with members within Group B.

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

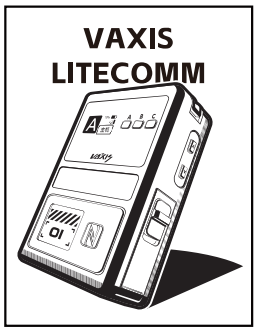
One Host can connect to maximum of 7 Guests.

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

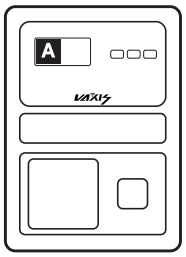
Technical Specifications

Distance	Line of Sight 350 meters
Wireless Parameters	Frequency Band: 1.9GHz (DECT)
Modulation Mode	GFSK
Power	<22dBm
Receiver Sensitivity	≤–95dBm
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 outputis for headphone charging/supply only.
Audio Output	ϕ3.5mm interface
Software Function	TYPE–C interface outputs audio signal,
	can collect audio when connected to a laptop
Operating Temperature	–10–50℃
ESD Protection	Contact discharge 4kV, air discharge 6kV

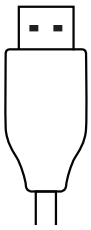
Packing List



Box



Litecomm Host/Guest



Type-C Cable

User Guide Card

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

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LITECOMM HOST