



HOLLYLAND HUB8S Solidcom C1 True Wireless Headset User Guide

[Home](#) » [HOLLYLAND](#) » HOLLYLAND HUB8S Solidcom C1 True Wireless Headset User Guide 

Contents

- [1 HOLLYLAND HUB8S Solidcom C1 True Wireless Headset](#)
- [2 Product Information](#)
- [3 Packing List](#)
- [4 Product Interfaces](#)
- [5 Product Usage Instructions](#)
- [6 Introduction](#)
- [7 Packing List](#)
- [8 Product Interfaces](#)
- [9 Quick Start Guide](#)
 - [9.1 Three Systems Cascade via IP Network](#)
 - [9.2 Check Group Settings on HUB](#)
- [10 Parameters](#)
- [11 Safety Precautions](#)
- [12 Support](#)
- [13 FCC Requirement](#)
- [14 Documents / Resources](#)
 - [14.1 References](#)
- [15 Related Posts](#)



HOLLYLAND HUB8S Solidcom C1 True Wireless Headset



Product Information

Product Name	Hollyland Solidcom C1 HUB8S
Version	V2.0.0

Packing List

Item	Quantity
HUB Base	1
Remote Headset (with blue nameplate)	8
3.5mm HUB Headset (with red nameplate)	1
Charging Case	1
Battery	16
Microphone Cushion	9
12V/2A DC Adapter	2
Over-ear Cushion	9
USB Type-A to Type-C Cable	1
High-gain Antennas	4
Storage Case	1
Quick Guide	1
Warranty Card	1

Product Interfaces

HUB Base

Interface	Description
HUB Headset Volume Knob	Adjusts the volume of the HUB headset.
Display	Displays information and settings.
UP Arrow Key	Navigates upward in the menu.
LEFT Arrow Key	Navigates leftward in the menu.
Menu/Confirm Button	Long press to enter the main menu, press once to confirm selections.
DOWN Arrow Key	Navigates downward in the menu.
RIGHT Arrow Key	Navigates rightward in the menu.
Join/Exit Group A Button for the 3.5mm HUB Headset	Turns off when the HUB Headset exits Group A's conversation, turns on in orange after joining.
3.5mm Headphone Jack	Connects headphones for audio output.
Join/Exit Group B Button for the 3.5mm HUB Headset	Turns off when the HUB Headset exits Group B's conversation, turns on in orange after joining.
USB Interface	Used for firmware upgrade and headset pairing.
ANNOUNCE Button	Press and hold while making an ANNOUNCE, release when finished.
RF Antenna Interface	Connects external antennas.
Power Switch	Turns the HUB Base on or off.
DC Power Interface	Connects the 12V/2A DC Adapter for power supply.
PGM Audio Input Interface	Audio input interface for program audio.
2-wire Audio Input & Output Interface	Audio input and output interface for 2-wire communication.
RJ45 Network Port	Network port for connection.
4-wire Audio Input & Output Interface	Audio input and output interface for 4-wire communication (RJ45 network socket).
UAC Interface	Interface for Universal Audio Connector.
NP-F Battery Bay	Bay for NP-F battery.
V-Mount/G-Mount Battery Plate	Battery plate type depends on the actual product purchased.

Headset

Interface	Description
Power/Connection Indicator	Indicates power and connection status.
Microphone	Built-in microphone for audio input.
USB Type-C Interface	Used for firmware upgrade and headset pairing.
Battery Compartment	Compartment to install the headset battery.
Volume + Button	Increases the volume of the headset.
Volume – Button	Decreases the volume of the headset.
A Button	Lights up when joined Group A, turns off when exited Group A. Long press for 5 seconds to pair.
B Button	Lights up when joined Group B, turns off when exited Group B.
Power Button	Turns the headset on or off.
Speaker	Audio output from the headset.

Charging Case

Interface	Description
Charging Indicator	Orange: Charging in progress, Green: Fully charged.
Charging Contact	Contact point for charging the headset.
DC Charging Interface	Interface for DC charging.

Product Usage Instructions

Set Up HUB Base

1. Install the HUB antennas.
2. Power up the HUB Base by connecting the 12V/2A DC Adapter to it.
3. Press the Power Switch to turn it on.

Note: The HUB Base can be powered using an NP-F battery, V-Mount/G-Mount battery, or DC power supply.

Install Headset Battery

1. Slide the battery compartment cover lock to open it.
2. Place the battery into the compartment and close the battery cover.

Turn On Headset

1. Open the headset cover.
2. Move the microphone boom down to the TALK position until it makes a CLICK sound.

Note: The indicator light stops flashing and turns to static green when the HUB Base and the Remote

Headset(s) are successfully connected.

Mute/Unmute Microphone

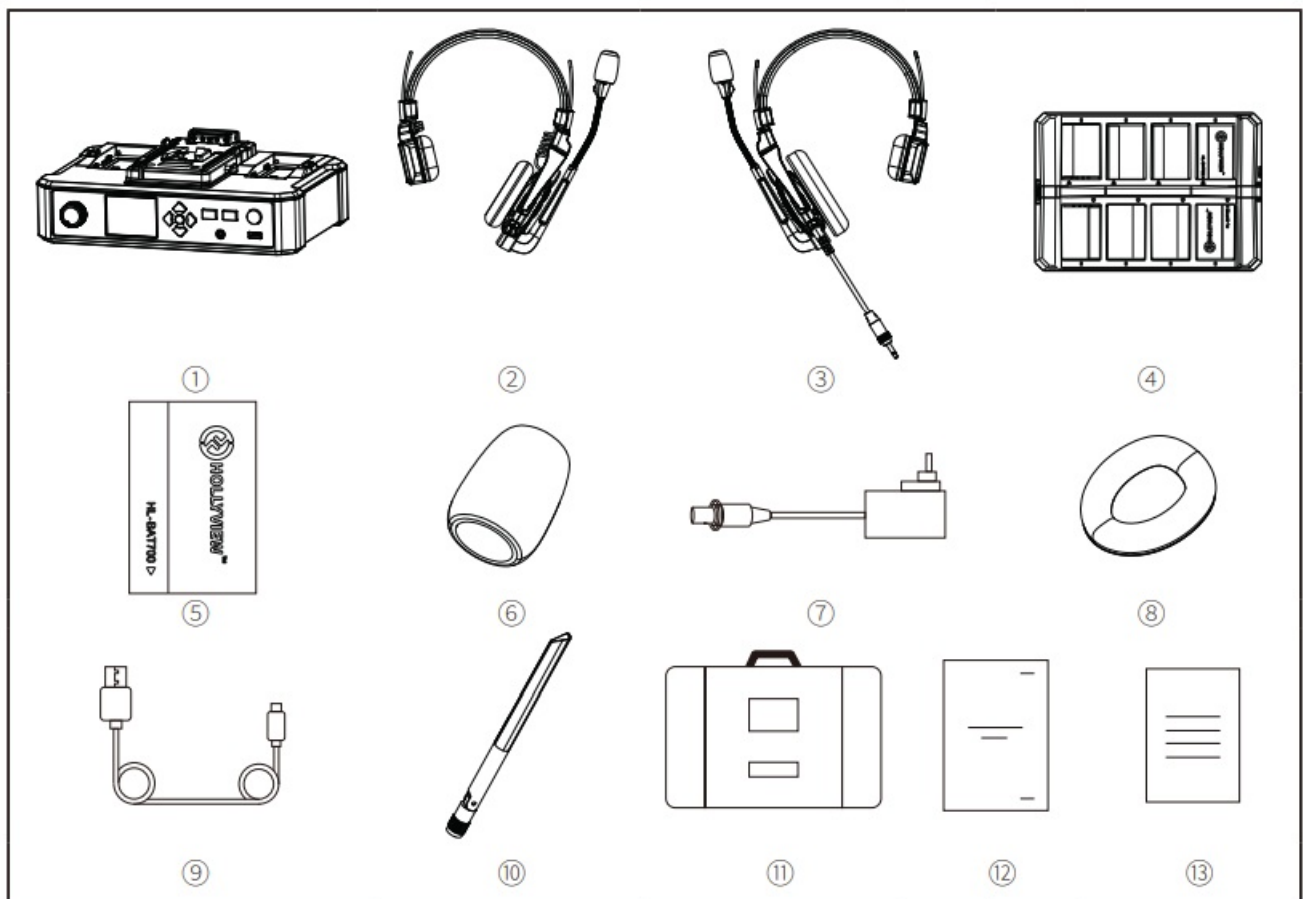
Mute or unmute the headset's microphone by moving the mic boom up or down.

- Move the mic boom up to the MUTE position that makes a CLICK

Introduction

- Thank you for purchasing Hollyland Full-duplex Wireless Intercom System.
- The Solidcom C1 HUB8S includes eight single-sided remote wireless headsets along with sixteen rechargeable batteries, a charger, a HUB base with wired headset, and accessories.
- It is a full-duplex wireless DECT intercom system engineered to provide clear audio and all-day wearing comfort in a true-wireless design with no belt-pack required. The system operates in the 1.9GHz band, providing a reliable transmission range up to 1100ft (350m) radius (LOS).
- This Quick Guide will guide you through the installation and use of the equipment.

Packing List



Solidcom C1 – HUB8S Headset Intercom Package

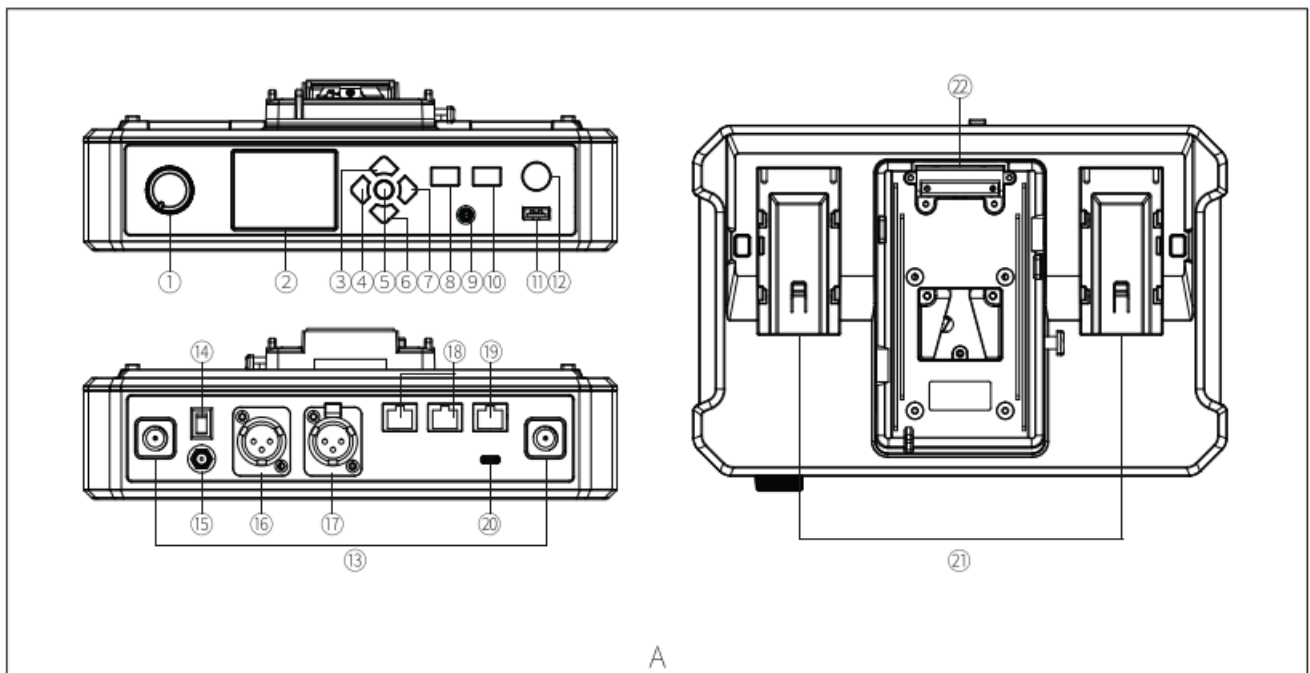
1. HUB Base x1
2. Remote Headset (with blue nameplate) x8
3. 3.5mm HUB Headset (with red nameplate) x1

4. Charging Case x1
5. Battery x16
6. Microphone Cushion x9
7. 12V/2A DC Adapter x2
8. Over-ear Cushion x9
9. USB Type-A to Type-C Cable x1
10. High-gain Antennas x4
11. Storage Case x1
12. Quick Guide x1
13. Warranty Card x1

Note: The amount of the items listed above depends on the edition.

Product Interfaces

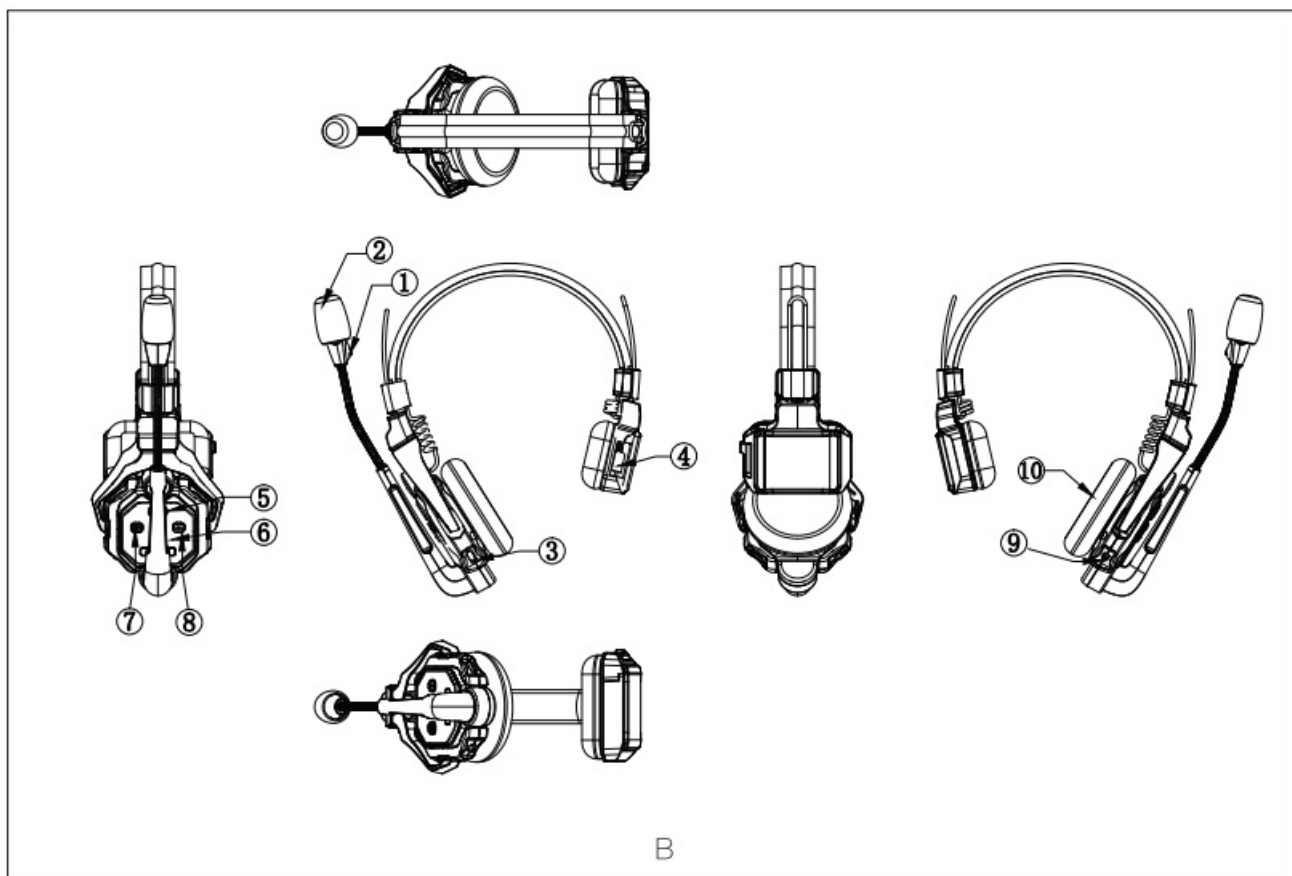
HUB Base Interfaces



1. HUB Headset Volume Knob
2. Display
3. UP Arrow Key
4. LEFT Arrow Key
5. Menu/Confirm Button – Long press to enter the main menu/press once to confirm
6. DOWN Arrow Key
7. RIGHT Arrow Key
8. Join/Exit Group A Button for the 3.5mm HUB Headset – The indicator turns off when the HUB Headset exit Group A's conversation, and turns on in orange after joining in
9. 3.5mm Headphone Jack
10. Join/Exit Group B Button for the 3.5mm HUB Headset – The indicator turns off when the HUB Headset exit Group B's conversation, and turns on in orange after joining in

11. USB Interface
12. ANNOUNCE Button – Press and hold the button while making an ANNOUNCE, release the button when finished
13. RF Antenna Interface
14. Power Switch
15. DC Power Interface
16. PGM Audio Input Interface
17. 2-wire Audio Input & Output Interface
18. RJ45 Network Port
19. 4-wire Audio Input & Output Interface (RJ45 network socket)
20. UAC Interface
21. NP-F Battery Bay
22. V-Mount/G-Mount Battery Plate (Subject to the actual product you purchased)

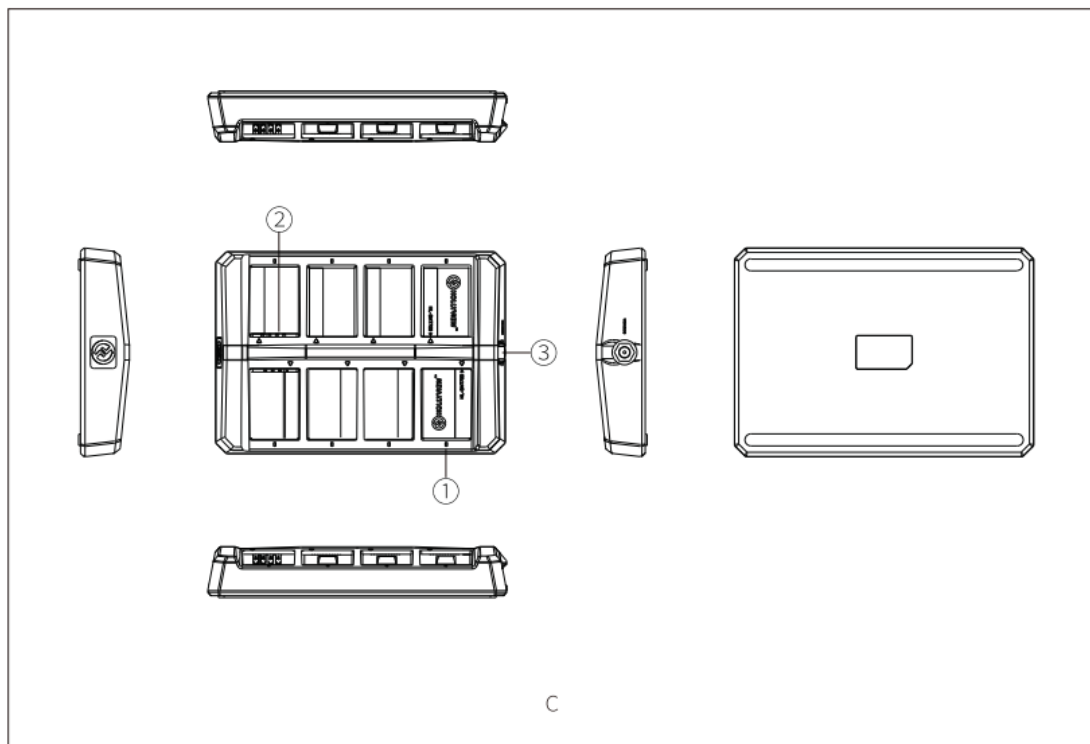
Headset Interfaces



1. Power/Connection Indicator
2. Microphone
3. USB Type-C Interface – For firmware upgrade, and headset pairing
4. Battery Compartment
5. Volume + Button
6. Volume – Button
7. A Button – Lights up when joined Group A, turns off when exited Group A; Long press for 5 seconds to pair
8. B Button – Lights up when joined Group B, turns off when exited Group B

9. Power Button
10. Speaker

Charging Case Interfaces

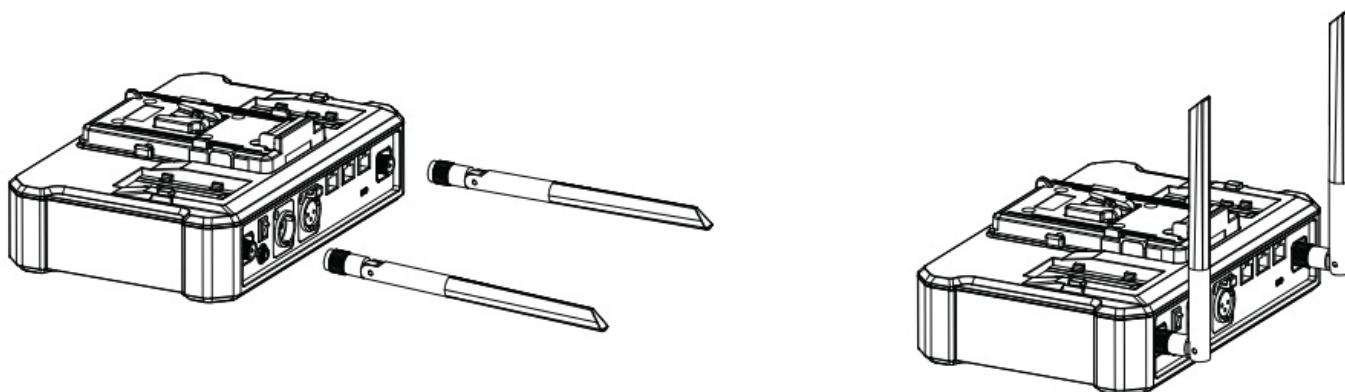


1. Charging Indicator
 - **Orange:** Charging in progress
 - **Green:** Fully charged
2. Charging Contact
3. DC Charging Interface

Quick Start Guide

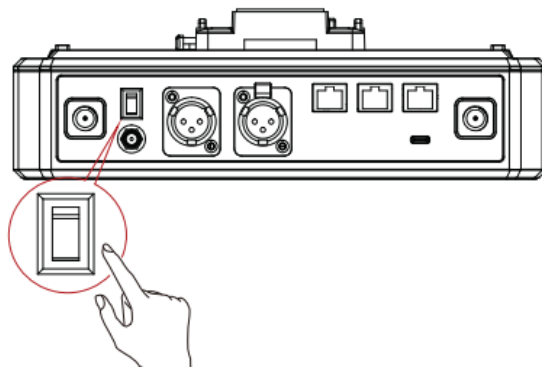
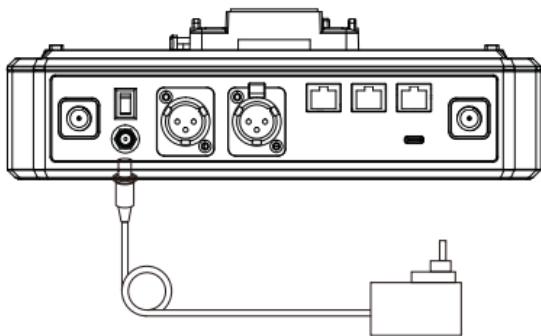
Set Up HUB Base

Install the HUB antennas.



Power Up HUB Base

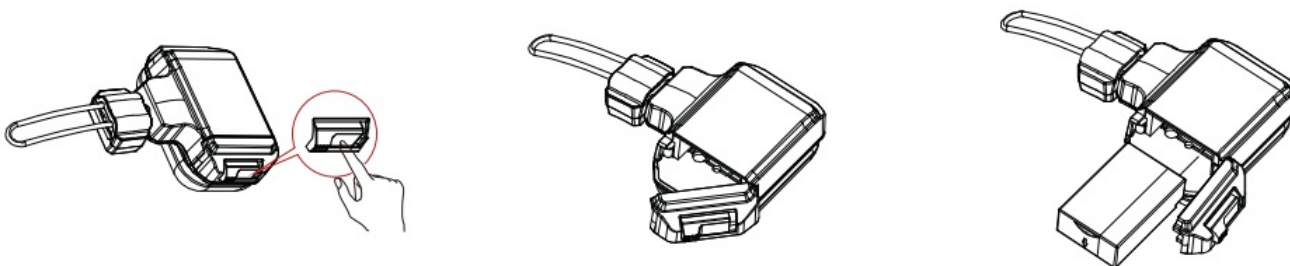
- Connect the 12V/2A DC Adapter to the HUB base.
- Press the Power Switch to turn on.



Note: The HUB Base can be powered using NP-F battery, V-Mount/G-Mount battery, or DC power supply.

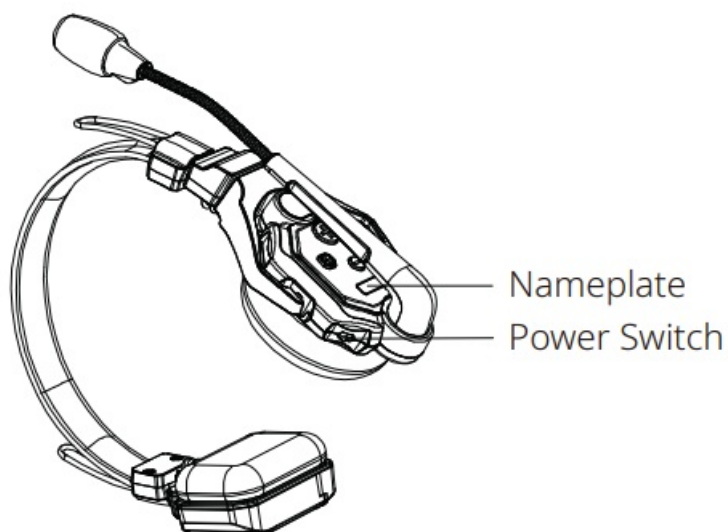
Install Headset Battery

- **Step 1:** Slide the battery compartment cover lock
- **Step 2:** Open the cover
- **Step 3:** Place the battery into the compartment and close the battery cover



Turn On Headset

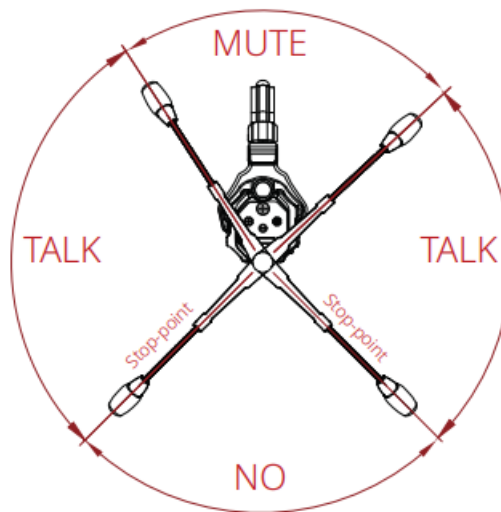
Note: The indicator light stops flashing and turns to static green when the HUB Base and the Remote Headset(s) are successfully connected.



Mute/Unmute Microphone

Mute/Unmute the headset's microphone by moving the mic boom up/down.

1. Move the mic boom up to the MUTE position that makes a CLICK sound, and the HUB Base's interface displays "MUTE" corresponding to the headset status.
2. Move the mic boom down to the TALK position that makes a CLICK sound, and the HUB Base's interface displays "TALK" corresponding to the headset status.



The device is now ready for use.

HUB Base Main Display Interfaces



1. HUB Base configuration – Master/Slave
2. HUB Base battery level
3. Headset signal strength
4. Headset battery level – turns red in low battery
5. Headset number
6. Headset status

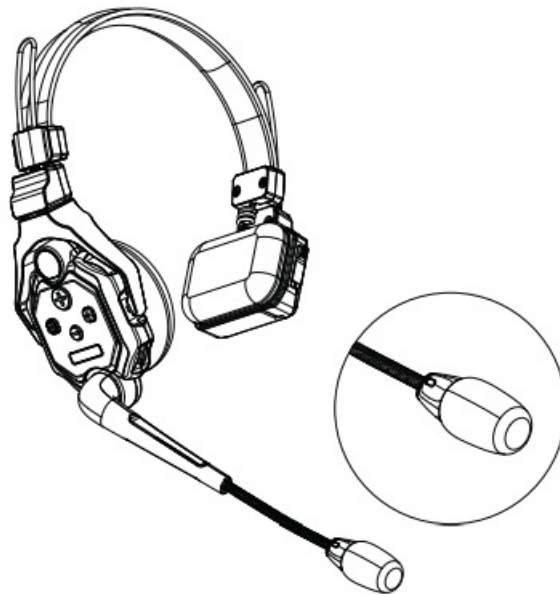
- **TALK:** Headset is active to hear and talk
- **MUTE:** Headset is muted to hear only
- **LOST:** Headset lost connection with HUB Base

7. Network connection status

8. WiFi status

Headset Status Indicator

1. **FLASH GREEN:** Headset disconnected
2. **STATIC GREEN:** Headset connection successful
3. **FLASH RED:** Low battery, please change the battery



Pairing Operation

The HUB Base and Remote Headsets that come in one system package will auto pair up right out of box. Manual pairing is only required when there is a need for adding or changing headset or HUB base to the system.

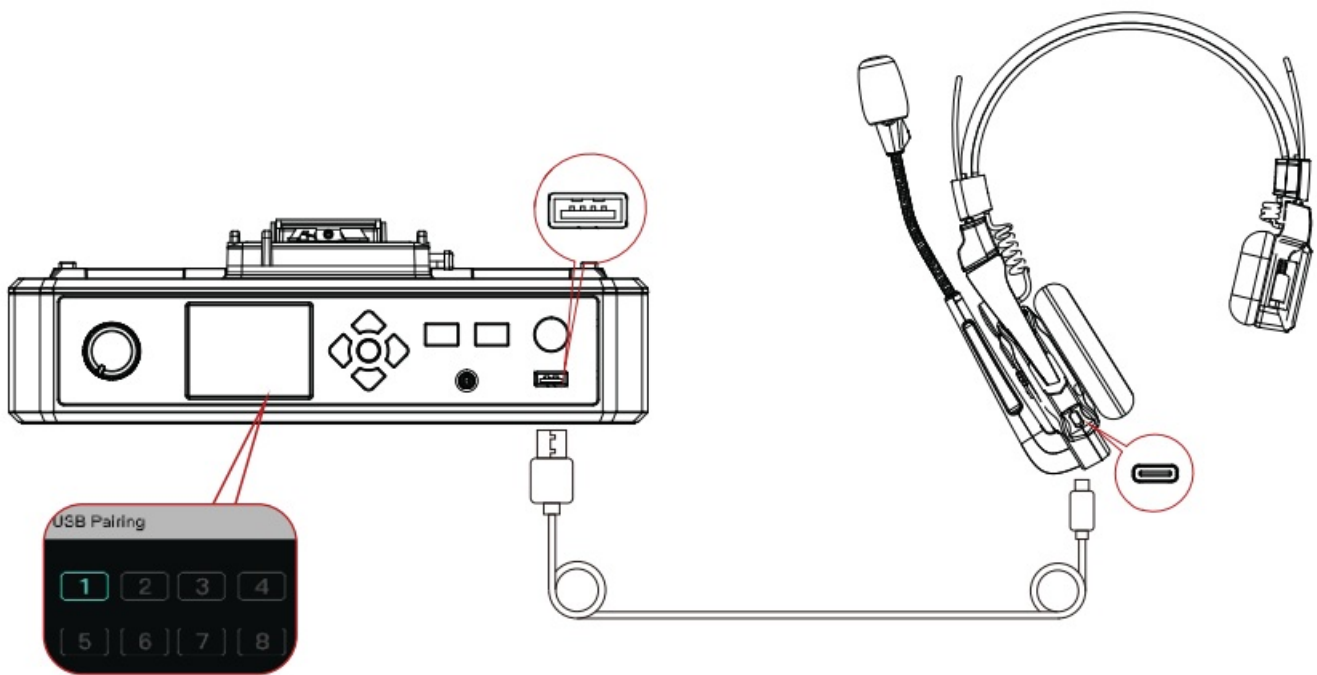
Connect the HUB Base and the Headset with a USB-C Cable.

- **Pairing requires a USB-C cable.**

Connect one end to the USB interface on the HUB Base's front panel, and the other end to the

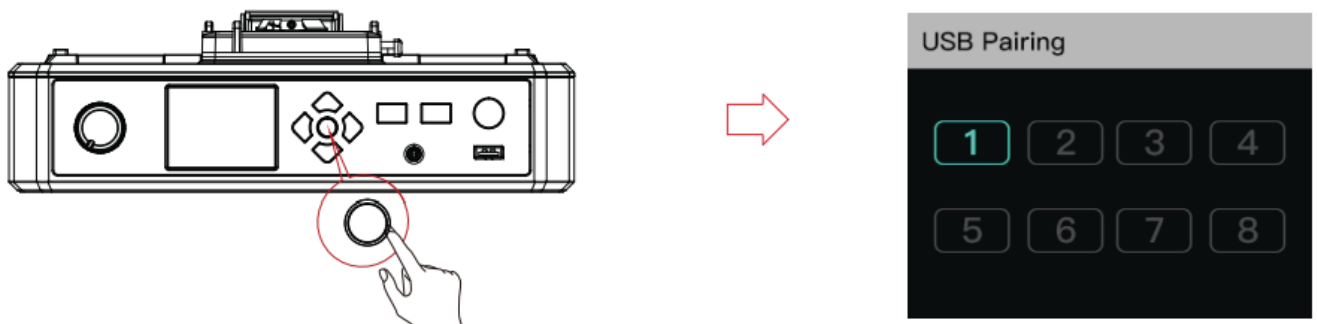
- **USB-C interface of the headset.**

The HUB Base screen will display the Select Number interface. Locate the designed headset number with the arrow keys, and press the round Menu/Confirm Button to complete number setting and pairing.



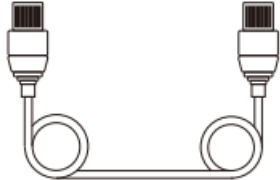
Headset(s) Number Setting via HUB Base

- When re-pairing and numbering the headset, be sure to turn on all the headsets to avoid selecting duplicate numbers, which may lead to connection failure with other headsets.
- In case of wrong numbering of a headset, simply connect it to the HUB with the USB cable and operate the pairing and numbering process again.



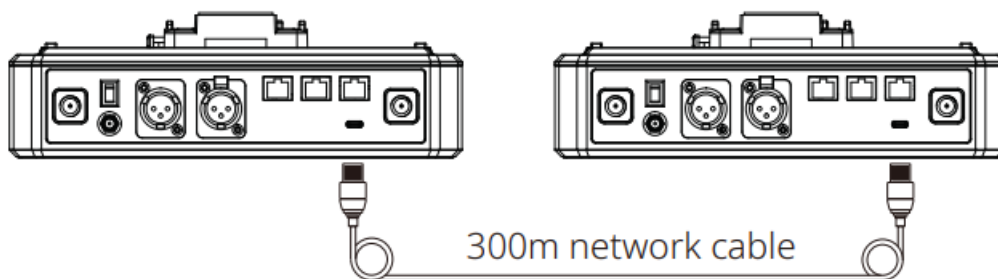
Cascade Connections

- Multiple sets can be cascaded to expand the number of headsets. The Solidcom C1 HUB Base supports two cascading methods, 4-wire analog and IP digital signal cascading. 4-wire analog mode is generally used in cascading connections of 2 sets, and the IP digital signal cascade for 3 sets or more. If more than 3 sets are cascaded, it is recommended to combine the 2 cascading connection ways.
- It is recommended to use CAT5e super five network cable and RJ45 crystal head with 568B sequence standard for cascade connection.

Standard Network Cable	Cable Spec	Max. Length
	CAT 5e CAT 6e	300m

Two Systems Cascade via 4-Wire Interface

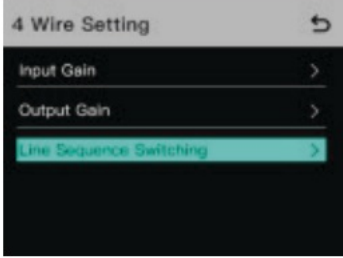
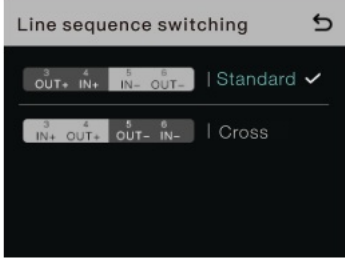
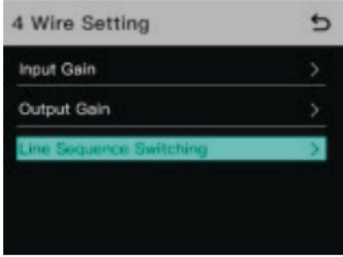
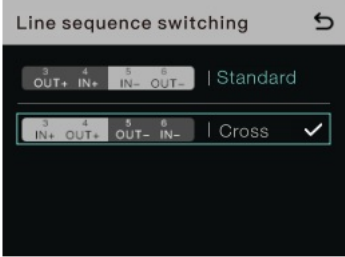
Use a standard network cable to connect two HUB bases through the 4W interface. The network cable is generally up to 300 meters long.



4 Wire Settings

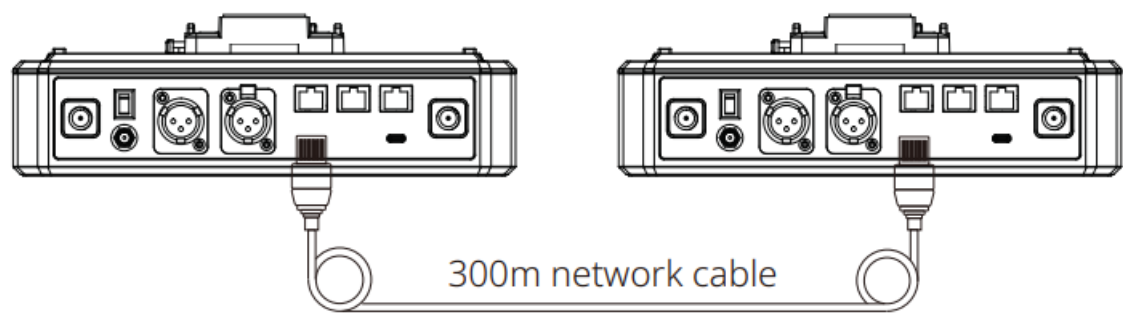
- After connecting the two systems with the network cable, configure each HUB Base's line sequence by entering "4 Wire Settings" and selecting "Line sequence switching".
- Set the first HUB Base to "Standard mode" and the second HUB Base to "Cross mode".

HUB Display Interfaces

HUB ❶	Enter "4 Wire" menu, and select "Line sequence switching"	Set to "Standard mode"
4 Wire Settings		
HUB ❷	Enter "4 Wire" menu, and select "Line sequence switching"	Set to "Cross mode"
4 Wire Settings		

Two Systems Cascade via IP Network

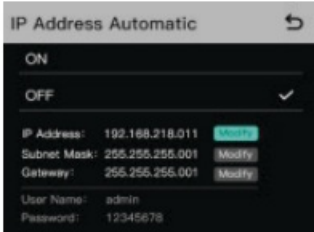
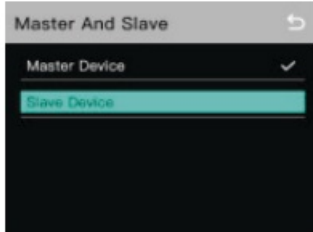
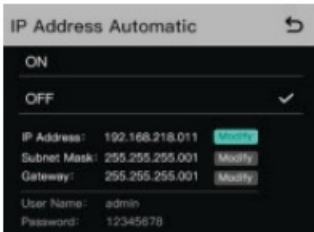
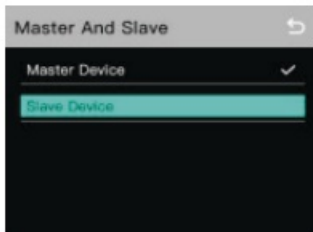

Use a standard network cable to connect the two systems through the RJ45 network port. Either one of the two RJ45 network ports on the HUB works. The network cable is generally up to 300 meters long.



HUB Settings

- After connecting the two systems with the network cable, configure each HUB Base's basic settings as Master or Slave device. Generally, the first system is set as Master Device, and the second one as Slave Device.
- In this case, you need to turn OFF the "Obtain IP address automatically" under "Network" settings on both the HUB Bases.

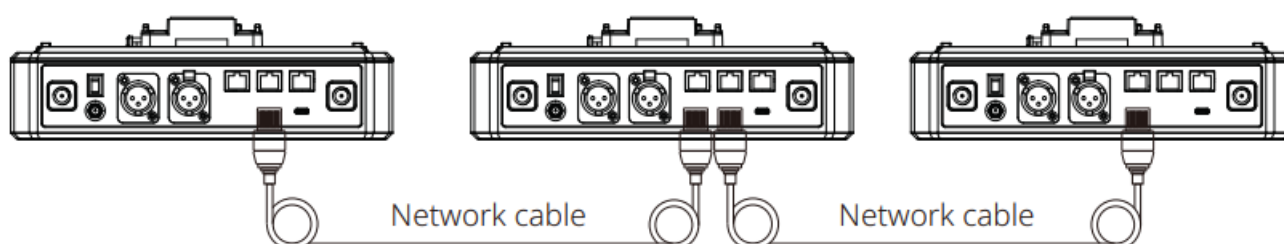
HUB Display Interfaces

HUB ①	Enter "Network" menu, and set the "Obtain IP address automatically" to OFF	Enter "Master and Slave" menu, and select "Master Device"
Network Settings		
HUB ②	Enter "Network" menu, and set the "Obtain IP address automatically" to OFF	Enter "Master and Slave" menu, and select "Slave Device"
Network Settings		
	Tap "Scan" to enter. The screen will display the Master Device's IP address. Use the Arrow Key to locate the IP address, and press Confirm.	

Three Systems Cascade via IP Network

Cascade Connection Method

When cascading three systems, it is recommended to use the IP network connection. Set the first system's HUB to Master Device and the second and third HUBs to Slave Device.



Group Settings

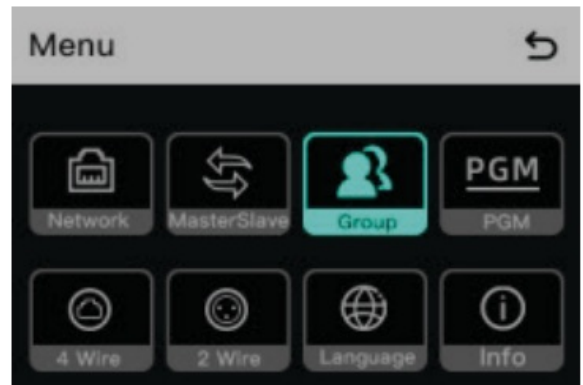
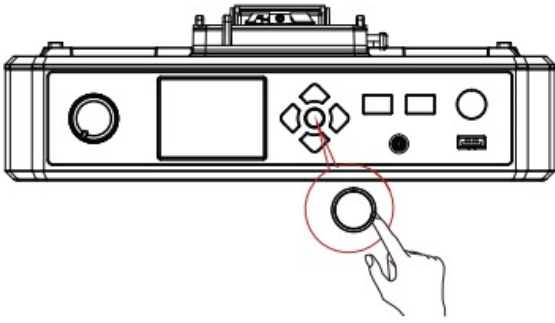
The HUB Base supports A and B grouping settings. You can view the system's current group setting by entering the Group menu on the HUB. To operate group settings, connect the computer and the HUB via the RJ45 interface using the network cable, and enter the Group settings menu. Or download the Solidcom APP on the mobile phone and connect to the HUB through WiFi to access the Group settings menu.

Check Group Settings on HUB

Viewing method:

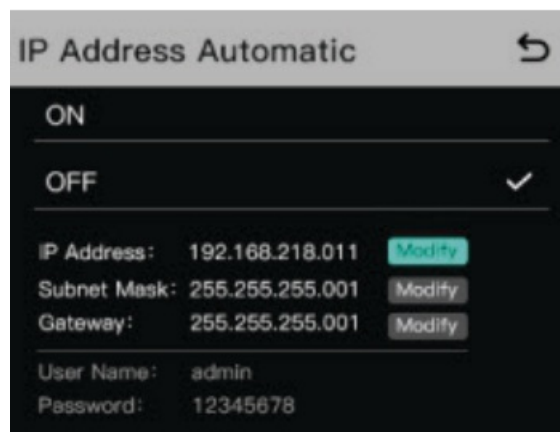
- Long press the Menu/Confirm Button to enter the Group settings menu

- HUB Display Interfaces



Operate Grouping via Computer

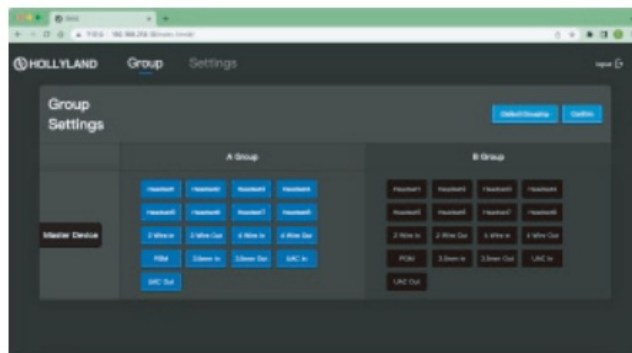
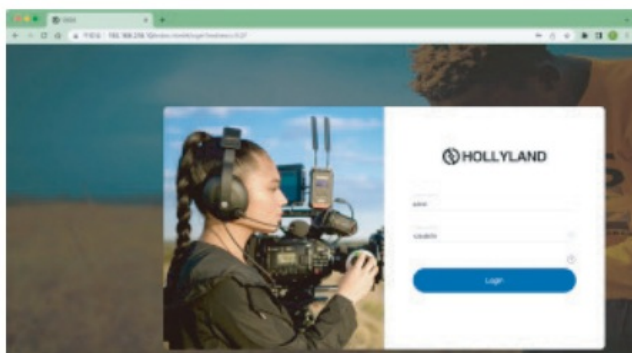
- Enter the “Network” menu on the HUB, and select “Wired network settings” to view the HUB’s default IP Address, User Name and Password.



- Use a network cable to connect the computer and the HUB via the RJ45 network port. Set the IP address of the computer as [192.168.218. xxx], and the default IP address of the HUB as [192.168.218.10]

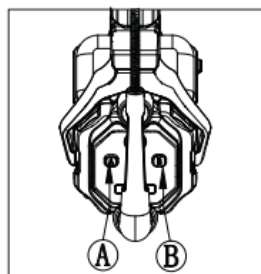


- Open the browser on the computer and visit <http://192.168.218.10> to enter the configuration page of the HUB.



A & B Group Buttons on Headset(s)

After entering Group setting on the HUB, the A and B Buttons on the connected headset will light up. The buttons light status indicates which group the headset has joined. Press the A or B Button on the headset to Join/Enter the corresponding group.



A and B Button Light Status	Status
Light ON	When the A or B Button lights ON, it indicates the headset has joined the corresponding group and can converse with the other headset(s) in the same group.
Light OFF	When the A or B Button lights OFF, it indicates the headset has exited the corresponding group.

Parameters

- **Range** 350m (1000ft) Line-of-Sight
- **Frequency Information**
 - **Frequency band:** 1.9GHz DECT (varies by country and region)
 - **Modulation mode:** GFSK
 - **Transmit power:** <21dBm (125.9mW) (varies by country and region)
 - **Receiving sensitivity:** <-90dBm
- **Transmission Latency** <35ms
- **Battery Capacity** 700mAh (2.66Wh) Li-Ion battery
- **Headset Runtime Remote headset:** ≈10h
- **Charging Time** ≈2.5h
- **Frequency Response** 150Hz~7kHz
- **Signal-to-Noise Ratio** >55dB
- **Distortion** <1%
- **Microphone Type** Electret
- **Maximum Input Sound Pressure Level** >115dBSPL
- **Output Sound Pressure Level** Typical 98 ± 3dBSPL (at94dBSPL1kHz)
- **HUB Base Netweight** ≈1300g (antennas excluded)
- **Headset Weight** ≈170g (batteries included)

- **Temperature Range**

- **Working status:** 0~+45°C
- **Storage status:** -20~+60°C

Safety Precautions

- Do not place the headsets near or inside heating devices (including but not limited to microwave ovens, induction cookers, electric ovens, electric heaters, pressure cookers, water heaters, gas stoves) to prevent the battery from overheating and exploding.
- Never use non-original charging cases, cables and batteries with the product.
- The use of non-original spare parts may cause electric shock, fire, explosion or other dangers.

Support

- If you encounter any problems in using the product or need any help, please contact Hollyland Support Team via the following ways:
- If encounter any problems in using the product or need any help, please follow these ways to get more technical support:
 - Hollyland User Group
 - HollylandTech
 - HollylandTech
 - HollylandTech
 - support@hollyland-tech.com
 - www.hollyland-tech.com

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Note:

Due to product version upgrades or other reasons, this quick guide will be updated from time to time. Unless otherwise agreed, this document is provided as a guide for use only. All representations, information, recommendations in this document do not constitute warranties of any kind, express or implied.

FCC Requirement

- 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.
- 2. this device must accept any interference received, including interference that may cause undesired operation.

FCC Radiation Exposure Statement:

- The device has been tested and comply with FCC SAR limits.
- **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.

Documents / Resources

 Hollyland Solidcom C1 HUB8S Quick Guide 2022	HOLLYLAND HUB8S Solidcom C1 True Wireless Headset [pdf] User Guide HUB8S Solidcom C1 True Wireless Headset, HUB8S, Solidcom C1 True Wireless Headset, True Wireless Headset, Wireless Headset, Headset
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References

-  [Hollyland - Wireless Video Transmitter, Intercom, Microphone](#)
- [User Manual](#)