

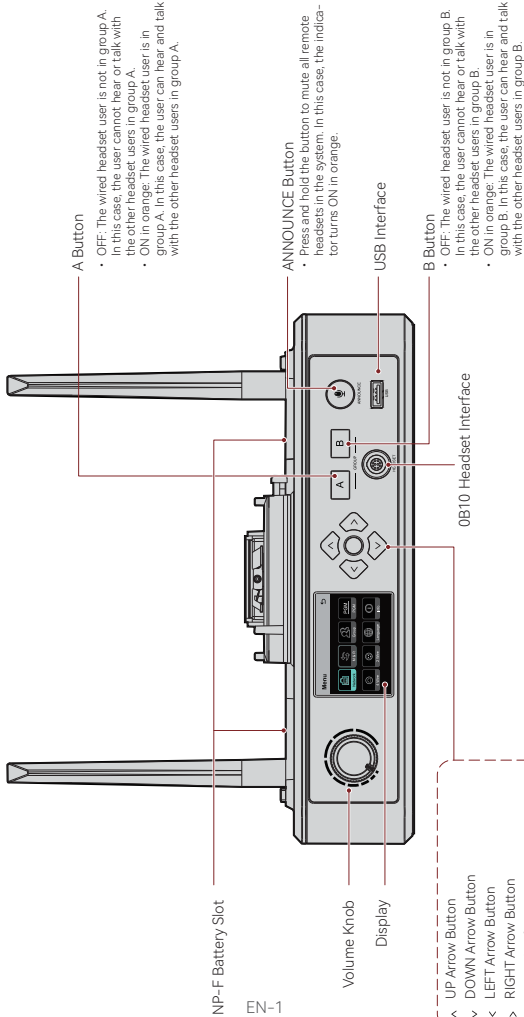


# Hollyland Solidcom C1 Pro Hub

User Manual

V2.0

# Interfaces



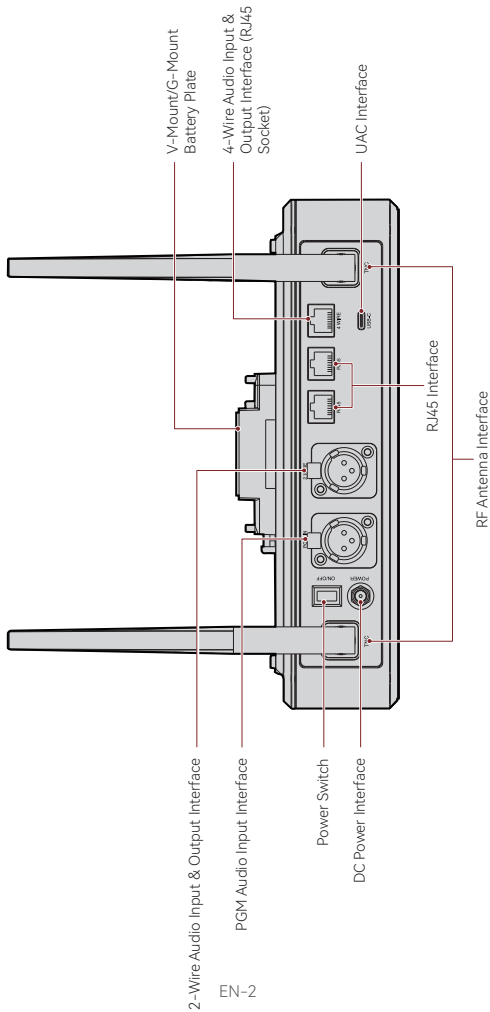
- A Button**
  - OFF: The wired headset user is not in group A. In this case, the user cannot hear or talk with the other headset users in group A.
  - ON in orange: The wired headset user is in group A. In this case, the user can hear and talk with the other headset users in group A.

- ANNOUCE Button**
  - Press and hold the button to mute all remote headsets in the system. In this case, the indicator turns ON in orange.

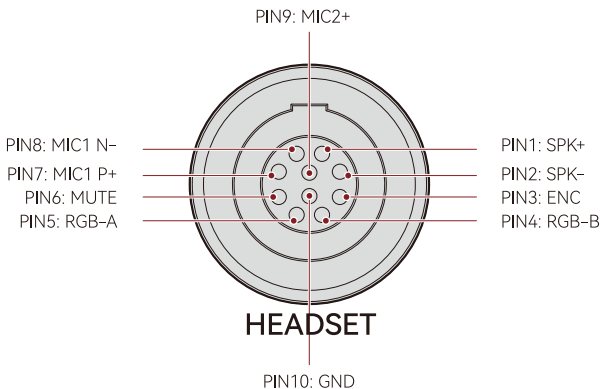
- B Button**
  - OFF: The wired headset user is not in group B. In this case, the user cannot hear or talk with the other headset users in group B.
  - ON in orange: The wired headset user is in group B. In this case, the user can hear and talk with the other headset users in group B.

- UP Arrow Button**
- DOWN Arrow Button**
- LEFT Arrow Button**
- RIGHT Arrow Button**
- Menu/Confirmation Button**
  - Press and hold the button to enter the menu interface/Press the button for confirmation.

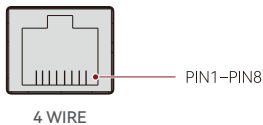
# Interfaces



## 0B10 Wired Headset Interface



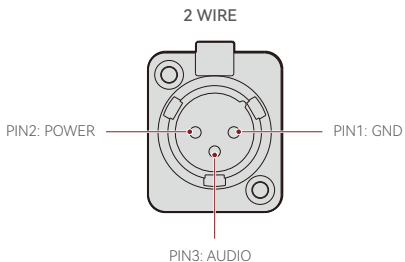
## 4-Wire Audio Input & Output Interface



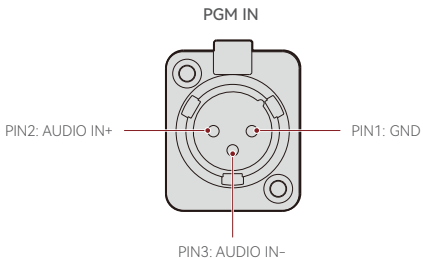
Standard Line Sequence			
PIN1	GND	PIN5	AUDIO OUT-
PIN2	GND	PIN6	AUDIO IN-
PIN3	AUDIO IN+	PIN7	GND
PIN4	AUDIO OUT+	PIN8	GND

Cross Line Sequence			
PIN1	GND	PIN5	AUDIO IN-
PIN2	GND	PIN6	AUDIO OUT-
PIN3	AUDIO OUT+	PIN7	GND
PIN4	AUDIO IN+	PIN8	GND

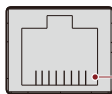
## 2-Wire Audio Input & Output Interface



## PGM Audio Input Interface



## RJ451/RJ452 Interface

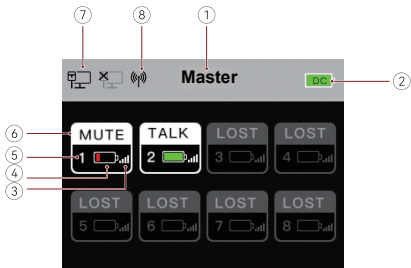


RJ45

PIN1-PIN8

Standard Line Sequence			
PIN1	Transceive Data+	PIN5	Not connected
PIN2	Transceive Data-	PIN6	Receive Data-
PIN3	Receive Data+	PIN7	Not connected
PIN4	Not connected	PIN8	Not connected

## Hub Display Description



- ① Hub Mode (Master/Remote)
- ② Hub Battery Level
- ③ Headset Signal Strength
- ④ Headset Battery Level (Red: Low Battery)
- ⑤ Headset Number
- ⑥ Headset Status

**TALK:** The headset user can hear and talk with the other headset users.

**MUTE:** The headset user is muted and can only hear the other headset users.

**LOST:** The headset is disconnected from the hub.

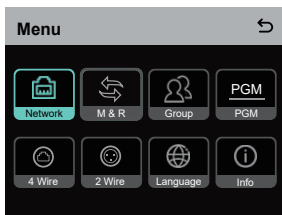
**LINK:** The headset is reconnecting to the hub.

- ⑦ Network Connection Status
- ⑧ Wi-Fi Status

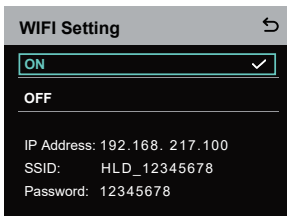
# Operation Guide

## Hub Menu Description

Press and hold the Menu/Confirmation button for about 3 seconds to enter the menu interface.



1. Select **Network** to enter the network configuration interface.
- 1.1 Select **Wifi Setting** to turn Wi-Fi ON or OFF. After it is turned ON, the IP address, SSID, and password are displayed.



## Operation Guide

- 1.2 Select **Wired Network Setting** to turn DHCP ON or OFF. If it is turned OFF, you can also modify the IP address, subnet mask, and gateway as well as view the user name and password for logging in to the web.

### Wired Network Setting

**ON**

**OFF** ✓

IP Address: 192.168.218.10

Subnet Mask: 255.255.255.0

Gateway: 192.168.218.1

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User Name: admin

Password: 12345678

2. Select **M & R** to set the hub as the master device or remote device.
- 2.1 Select **Master Device** to set the hub as the master device.

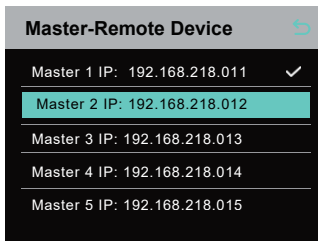
### Master And Remote

**Master Device** ✓

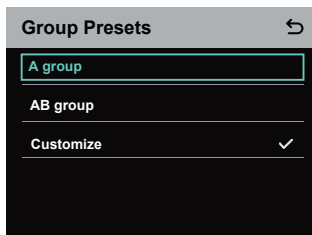
**Remote Device**



- 2.2 Select **Remote Device** and then select **Scan** to scan the IP addresses of master devices on the network. Select the IP address of the corresponding master device in the displayed list and confirm it. Then, the hub is successfully set as the remote device.
- When a single hub is used, the hub needs to be set as the master device.
  - When more than two hubs are used in a cascaded connection, one hub needs to be set as the master device and the other hubs as the remote devices.



3. Select **Group** to perform group settings and view group status.
- 3.1 There are three options: **A group** (All devices are in group A), **AB group** (All devices are in groups A and B), and **Customize** (The group settings can be customized on the web. All devices are in group A by default).

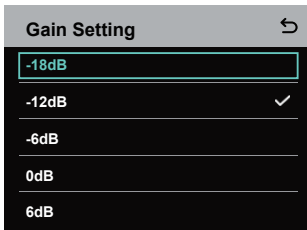


# Operation Guide

3.2 Select **Group Review** to view group settings.

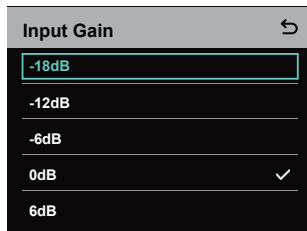


4. Select **PGM** to set the PGM audio gain according to the input volume.

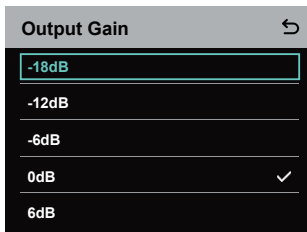


5. Select **4 Wire** to perform 4-wire audio settings.

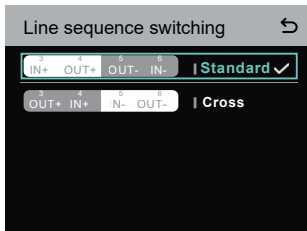
5.1 Select **Input Gain** to set the input gain according to the input volume.



5.2 Select **Output Gain** to set the output gain according to the input volume.



5.3 Select **Line Sequence Switching** to switch between **Standard** and **Cross** modes.

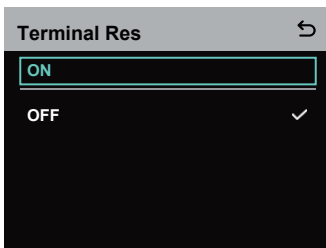


## Operation Guide

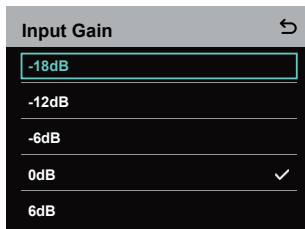
6. Select **2 Wire** to perform 2-wire audio settings.
- 6.1 Connect the hub to a 2-wire device and set the corresponding cable compensation and terminal resistance on the hub. Power on the 2-wire device and turn OFF or disconnect its microphone to make sure that there is no other audio transmission on the 2-wire link. Otherwise, the accuracy of auto-null settings may be affected. After **Auto Null** is selected, auto-null settings for the 2-wire device will be performed automatically on the hub.
- 6.2 Select **Cable Compen** to check the 2-wire cable length and select the corresponding compensation option according to the cable length.



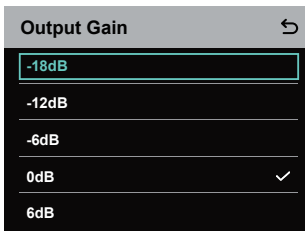
- 6.3 Select **Terminal Res** to check whether the 2-wire device connected via the 2-wire interface has terminal resistance. If it has, select **OFF**. Otherwise, select **ON**.



6.4 Select **Input Gain** to set the input gain according to the input volume.

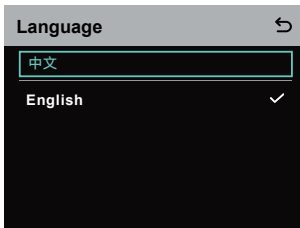


6.5 Select **Output Gain** to set the output gain according to the input volume.

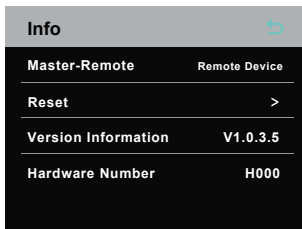


## Operation Guide

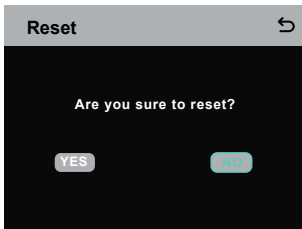
7. Select **Language** to perform language settings. You can switch between Chinese and English.



8. Select **Info** to check related information about the hub.



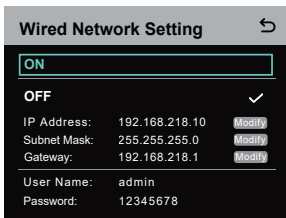
- 8.1 Select **Reset** to restore the configured hub information to the default settings.



# Operation Guide

## Performing Group Settings via a Computer

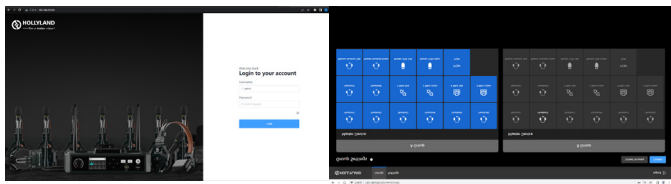
- Select **Network > Wired Network Setting** to view the default IP address, user name, and password of the hub.



- Use a network cable to connect the hub to a computer via the RJ45 interface and set the IP address of the computer as **192.168.218.XXX**. The default IP address of the hub is **192.168.218.10**.

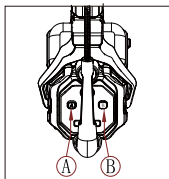


- Open a browser on the computer and visit <http://192.168.218.10> to enter the configuration page for the hub.



### Group A & B Buttons on Headsets

After group settings are performed on the hub, the A or B button on a connected headset will light ON. The button light status indicates which group the headset has joined. To join or exit group A or B, simply press the A or B button on the headset.



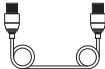
A & B Button Light Status	Description
ON in orange	The headset user is in the corresponding group. In this case, the headset user can hear and talk with the other headset users in the group.
OFF	The headset user is not in the corresponding group. In this case, the headset user cannot hear or talk with the other headset users in the group.



## Cascaded Connection

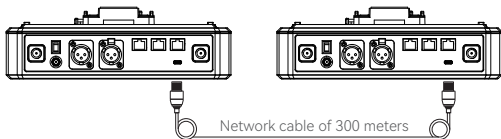
Multiple hubs can be cascaded to expand the number of headsets. The hub supports two cascade methods — cascade via 4-wire analog signals and cascade via IP digital signals. Generally, it is recommended to cascade two hubs using 4-wire analog signals, and cascade three or more than three hubs using IP digital signals.

It is recommended to use a CAT5e cable for cascade and use the 568B standard for the RJ45 interface.

Standard Network Cable	Specifications	Max Length
	CAT5e CAT6e	300 meters

## Two-System Cascaded Connection via the 4-Wire Interface

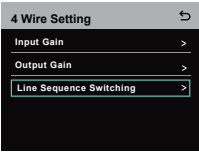
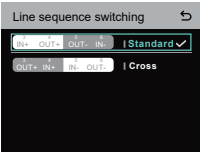
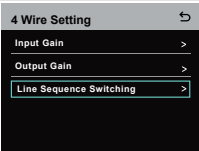
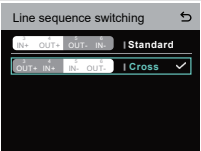
Use a standard network cable to connect two hubs via the 4-wire interface. The length of the network cable is up to 300 meters.



## 4-Wire Settings

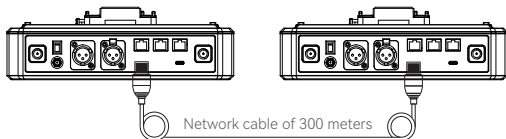
After connecting two hubs using a network cable, select **4 Wire > Line Sequence Switching** on the hubs, and then select **Standard** on one hub and **Cross** on the other hub.

### Hub Display

Hub ①	Select <b>4 Wire &gt; Line Sequence Switching</b> .	Select <b>Standard</b> .
4-Wire Settings		
Hub ②	Select <b>4 Wire &gt; Line Sequence Switching</b> .	Select <b>Cross</b> .
4-Wire Settings		

## Two-System Cascaded Connection via the IP Network

Use a standard network cable to connect two hubs via the RJ45 interface. Either of the two RJ45 interfaces on the hub works. The length of the network cable is up to 300 meters.

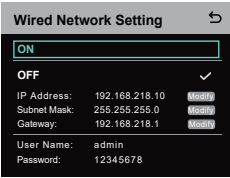
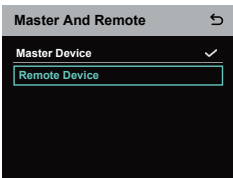
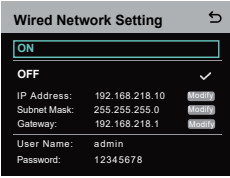
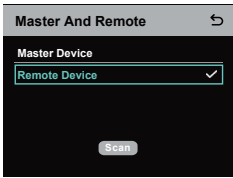
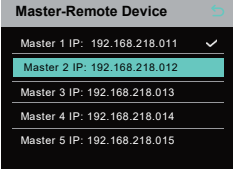


# Operation Guide

## M & R Mode Settings

After connecting two hubs using a network cable, select **M & R** on the hubs to set the hub mode. On one hub, select **Master Device**. On the other hub, select **Remote Device** > **Scan** and then select the IP address of the corresponding master hub. Note that the function of obtaining the IP address automatically under **Network** > **Wired Network Setting** needs to be turned OFF on both two hubs.

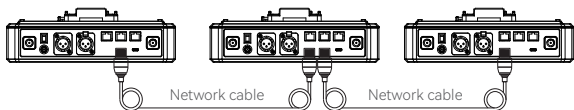
## Hub Display

Hub ①	Select Network > Wired Network Setting > OFF.	Select M & R > Master Device.
Network Settings		
Hub ②	Select Network > Wired Network Setting > OFF.	Select M & R > Remote Device > Scan.
Network Settings		
	After <b>Scan</b> is selected, the IP addresses of master devices will be displayed. Then, select the desired IP address using the arrow buttons and press the Menu/Confirmation button to confirm the IP address.	

## Operation Guide

### Three-System Cascaded Connection via the IP Network

It is recommended to use the IP network connection to cascade three hubs. On one hub, select **Master Device**, and on the other two hubs, select **Remote Device**.



## Parameters

Antenna	External
Power Supply	DC power, NP-F battery, V-mount battery, G-mount battery
Volume Adjustment	Adjustment knob
Power Consumption	< 4.5W
Dimensions	(LxWxH): 259.9mm x 180.5mm x 65.5mm (10.2" x 7.1" x 2.6")
Net Weight	About 1300g (45.9oz) with the antennas excluded
Transmission Range	1,100ft (350m) LOS
Frequency Band	1.9 GHz (DECT)
Bandwidth	1.728MHz
Wireless Technology	Adaptive Frequency Hopping
Wireless Power	≤ 21dBm (125.9 mW)
Modulation Mode	GFSK
RX Sensitivity	< -90dBm
Frequency Response	150Hz-7kHz
Signal-to-Noise Ratio	> 55dB
Distortion	< 1%
Input SPL	> 115dBSPL
Temperature Range	0°C to 45°C (working condition) -10°C to 60°C (storage condition)

Note:

1. The frequency band and wireless power vary by country and region.
2. The highest working temperature is 40°C when the adapter is used for the power supply.

## Safety Precautions

Do not place the product near or inside heating devices (including but not limited to microwave ovens, induction cookers, electric ovens, electric heaters, pressure cookers, water heaters, and gas stoves) to prevent the battery from overheating and exploding.

Do not use non-original charging cases, cables, and batteries with the product. The use of non-original accessories 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:

 Hollyland User Group

 HollylandTech

 HollylandTech

 HollylandTech

 support@hollyland.com

 www.hollyland.com

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# **HOLLYVIEW**

Powered by Hollyland

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**Shenzhen Hollyland Technology Co., Ltd.**

8F, 5D Building, Skyworth Innovation Valley,  
Tangtou Road, Shiyan Street, Baoan District, Shenzhen, 518108, China

MADE IN CHINA





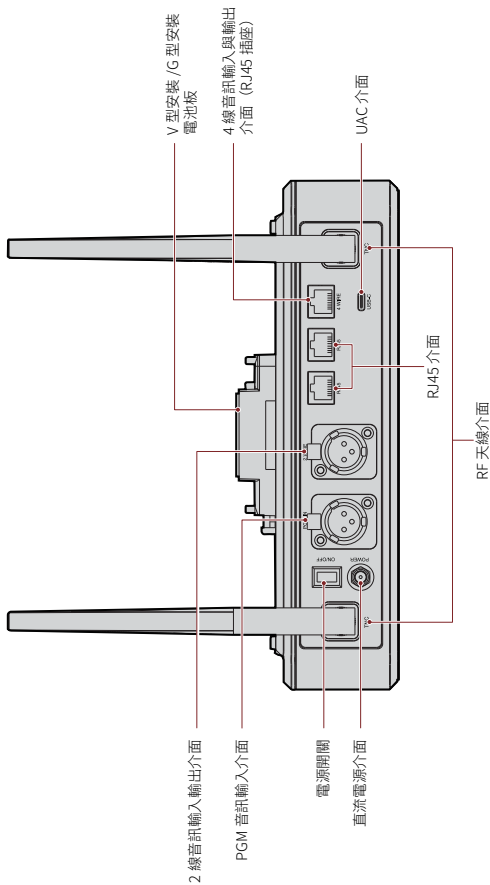
# Hollyland Solidcom C1 Pro Hub

使用手冊

V2.0

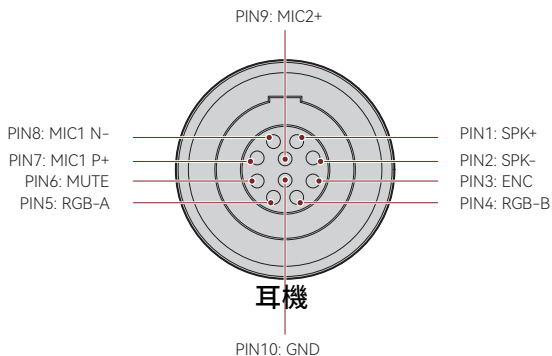


# 介面

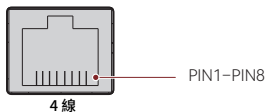


# 介面

## 0B10 有線耳機介面



## 4 線音訊輸入與輸出介面

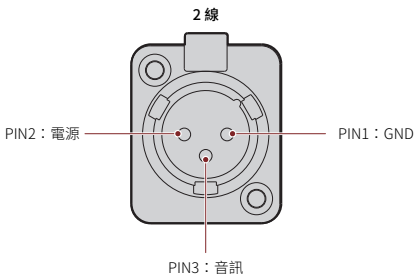


標準線路序列			
PIN1	GND	PIN5	音訊輸出 -
PIN2	GND	PIN6	音訊輸入 -
PIN3	音訊輸入 +	PIN7	GND
PIN4	音訊輸出 +	PIN8	GND

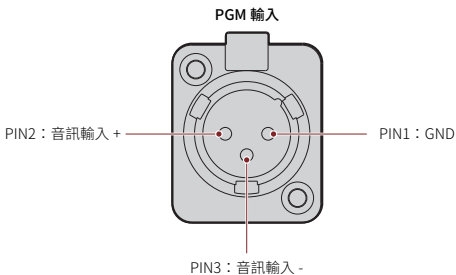
交叉線路序列			
PIN1	GND	PIN5	音訊輸入 -
PIN2	GND	PIN6	音訊輸出 -
PIN3	音訊輸出 +	PIN7	GND
PIN4	音訊輸入 +	PIN8	GND

# 介面

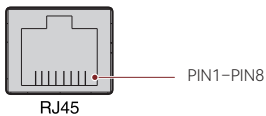
## 2 線音訊輸入輸出介面



## PGM 音訊輸入介面

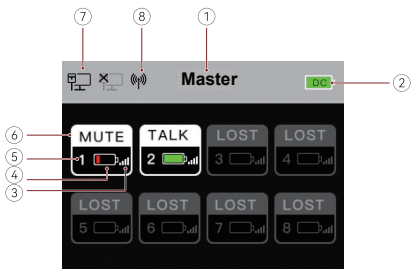


## RJ451/RJ452 介面



標準線路序列			
PIN1	收發資料 +	PIN5	未連接
PIN2	收發資料 -	PIN6	接收資料 -
PIN3	接收資料 +	PIN7	未連接
PIN4	未連接	PIN8	未連接

## 基地台顯示說明



① 基地台模式（主控 / 遠端）

② 基地台電池電量

③ 耳機訊號強度

④ 耳機電池電量（紅色：低電池電量）

⑤ 耳機號碼

⑥ 耳機狀態

**說話：**耳機使用者可以與其他耳機使用者交談。

**靜音：**耳機使用者靜音，且只能聽到其他耳機使用者的聲音。

**遺失：**耳機與基地台中斷連線。

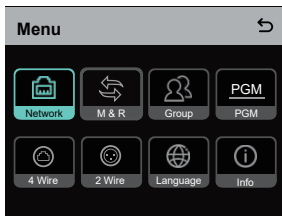
**連結：**耳機正在重新連線至基地台。

⑦ 網路連線狀態

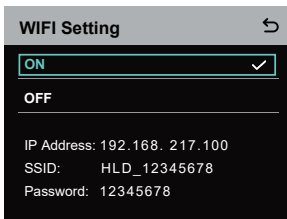
⑧ Wi-Fi 狀態

## ■ 基地台選單說明

按住選單 / 確認按鈕約 3 秒即可進入選單介面。



1. 選取 **Network** 即可進入網路組態介面。
- 1.1 選取 **Wifi Setting** 即可開啟或關閉 Wi-Fi。開啟後，會顯示 IP 位址、SSID 和密碼。



## 操作指南

- 1.2 選取 **Wired Network Setting** 即可開啟或關閉 DHCP。如果關閉，您還可以修改 IP 位址、子網路遮罩和閘道器，以及檢視登入網路的使用者名稱和密碼。

**Wired Network Setting** ↶

**ON**

**OFF** ✓

IP Address: 192.168.218.10 [Modify](#)

Subnet Mask: 255.255.255.0 [Modify](#)

Gateway: 192.168.218.1 [Modify](#)

---

User Name: admin

Password: 12345678

2. 選取 **M & R** 即可將基地台設定為主控裝置或遠端裝置。
- 2.1 選取 **Master Device** 即可將基地台設定為主控裝置。

**Master And Remote** ↶

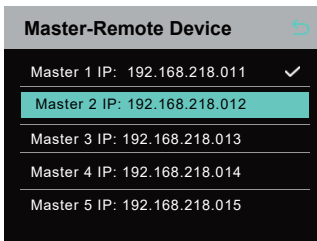
**Master Device** ✓

**Remote Device**

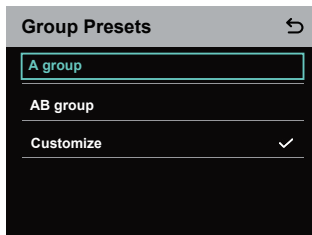


## 操作指南

- 2.2 選取 **Remote Device**，然後選取 **Scan** 即可掃描網路上主控裝置的 IP 位址。在顯示的清單中選取對應主控裝置的 IP 位址並加以確認。接著，將基地台成功設定為遠端裝置。
- 當使用單一基地台時，需要將基地台設定為主控裝置。
  - 當採用級聯使用多於兩個基地台時，需要將一個基地台設定為主控裝置，並將其他基地台設定為遠端裝置。



3. 選擇 **Group** 即可進行群組設定並檢視群組狀態。
- 3.1 有三個選項：**A group** (所有裝置都在 A 組)、**AB group** (所有裝置都在 A 組和 B 組)，以及 **Customize** (可以在網路上客製化群組設定。預設情況下，所有裝置都在 A 組)。

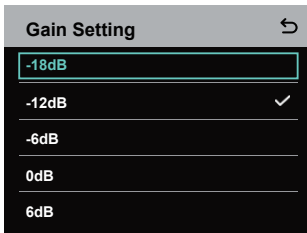


## 操作指南

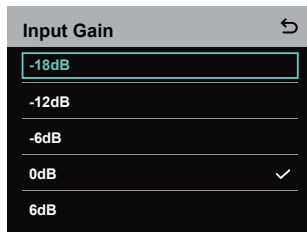
- 3.2 選取 **Group Review** 即可檢視群組設定。



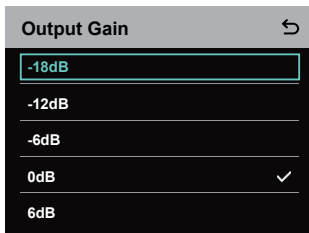
4. 選取 **PGM** 即可根據輸入音量設定 PGM 音訊增益。



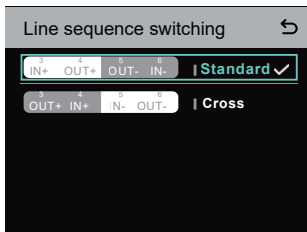
5. 選取 **4 Wire** 即可進行 4 線音訊設定。  
5.1 選取 **Input Gain** 即可根據輸入音量設定輸入增益。



5.2 選取 **Output Gain** 即可根據輸入音量設定輸出增益。

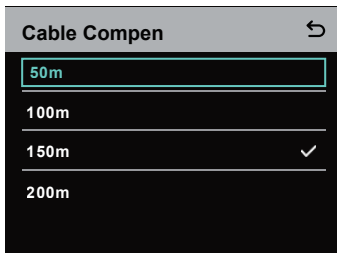


5.3 選取 **Line Sequence Switching** 即可 **Standard** 與 **Cross** 模式之間切換。

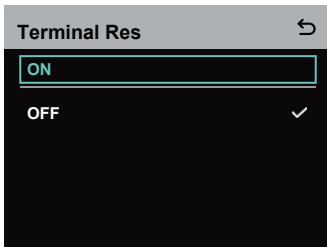


## 操作指南

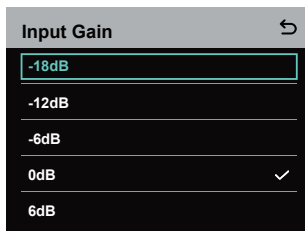
6. 選取 **2 Wire** 即可進行 2 線音訊設定。
- 6.1 將基地台連接到 2 線裝置，並在基地台上設定對應的纜線補償和終端電阻。開啟 2 線裝置電源並關閉或斷開其麥克風，以確保 2 線鏈路上沒有其他音訊傳輸。否則，自動歸無設定的準確性可能會受到影響。選取 **Auto Null** 之後，基地台上將自動對 2 線裝置進行自動歸無設定。
- 6.2 選取 **Cable Compen** 即可查看 2 線纜線長度，並根據纜線長度選取對應的補償選項。



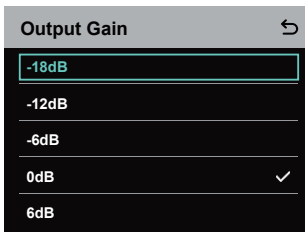
- 6.3 選取 **Terminal Res** 即可查看透過 2 線介面連接的 2 線裝置是否有終端電阻。如果有，請選取 **OFF**。否則，選取 **ON**。



6.4 選取 **Input Gain** 即可根據輸入音量設定輸入增益。

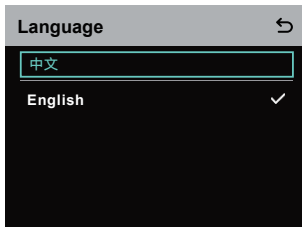


6.5 選取 **Output Gain** 即可根據輸入音量設定輸出增益。

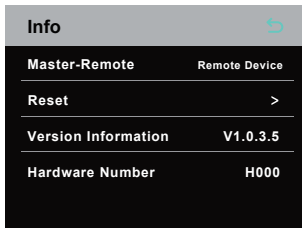


## 操作指南

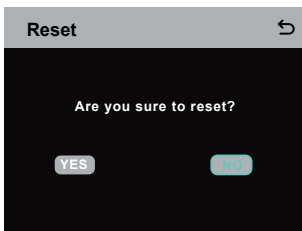
7. 選取 **Language** 即可進行語言設定。您可以在中文與英文之間切換。



8. 選取 **Info** 即可查看基地台的相關資訊。



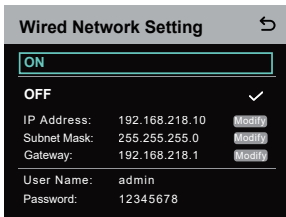
- 8.1 選取 **Reset** 即可將配置的基地台資訊還原為預設設定。



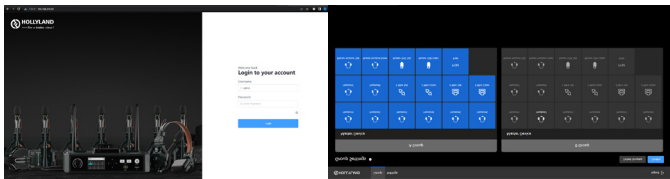
# 操作指南

## 透過電腦進行群組設定

- 選取 **Network > Wired Network Setting** 即可檢視基地台的預設 IP 位址、使用者名稱和密碼。
- 使用網路線透過 RJ45 介面將基地台連接到電腦，並且將電腦的 IP 位址設定為 **192.168.218.XXX**。基地台的預設 IP 位址為 **192.168.218.10**。

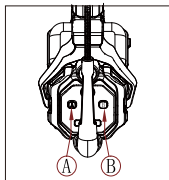


- 在電腦上開啟瀏覽器，並造訪 <http://192.168.218.10> 即可進入基地台的組態頁面。



## 耳機上的 A 與 B 組按鈕

在基地台上進行群組設定之後，連接的耳機上的 A 或 B 按鈕將亮起。按鈕燈光狀態指出耳機已加入哪個群組。若要加入或退出 A 組或 B 組，只需按下耳機上的 A 或 B 按鈕即可。



A 與 B 按鈕 燈光狀態	說明
亮橙色	耳機使用者在對應的群組中。在這種情況下，耳機使用者可以與群組中的其他耳機使用者交談。
熄滅	耳機使用者不在對應的群組中。在這種情況下，耳機使用者無法與群組中的其他耳機使用者交談。



## 級聯

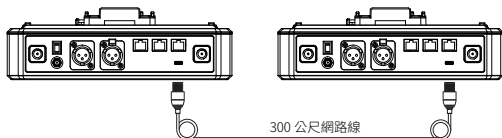
可以級聯多個基地台以擴充耳機的數量。基地台支援兩種級聯方法 — 4 線類比訊號級聯和 IP 數位訊號級聯。一般建議使用 4 線類比訊號級聯兩個基地台，並且使用 IP 數位訊號級聯三個或多於三個基地台。

建議將 CAT5e 線用於級聯，並將 568B 標準用於 RJ45 介面。

標準網路線	規格	最大長度
	CAT5e CAT6e	300 公尺

## 透過 4 線介面實現兩系統級聯

使用標準網路線透過 4 線介面連接兩個基地台。網路線最長可達 300 公尺。

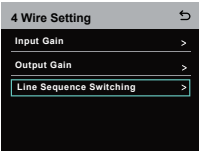
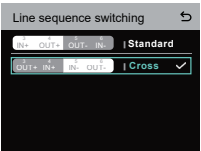


## 操作指南

### 4 線設定

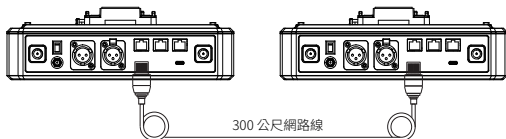
使用網路線連接兩個基地台之後，在基地台上選取 **4 Wire > Line Sequence Switching**，然後在一個基地台上選取 **Standard** 並在另一個基地台上選取 **Cross**。

#### 基地台顯示

基地台①	選取 <b>4 Wire &gt; Line Sequence Switching</b> 。	選取 <b>Standard</b> 。
4 線設定		
基地台②	選取 <b>4 Wire &gt; Line Sequence Switching</b> 。	選取 <b>Cross</b> 。
4 線設定		

### 透過 IP 網路實現兩系統級聯

使用標準網路線透過 RJ45 介面連接兩個基地台。基地台上的兩個 RJ45 介面中的任何一個都有作用。網路線最長可達 300 公尺。



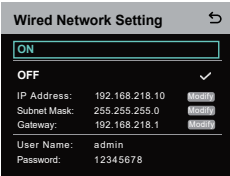
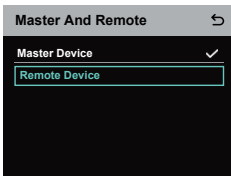
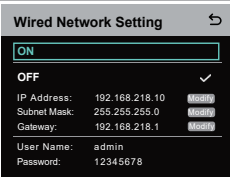
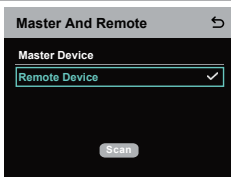
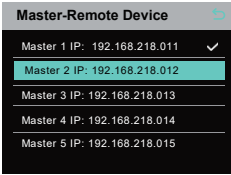
# 操作指南

## M & R 模式設定

使用網路線連接兩個基地台之後，選取基地台上的 **M & R** 即可設定基地台模式。在一個基地台上，選取 **Master Device**。在另一個基地台上，選取 **Remote Device > Scan**，然後選取對應主控基地台的 IP 位址。

請注意，**Network > Wired Network Setting** 下的自動取得 IP 位址功能在兩基地台上都需要關閉。

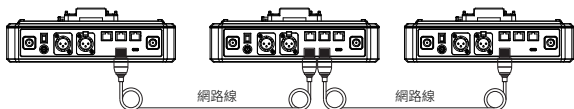
## 基地台顯示

基地台①	選取 <b>Network &gt; Wired Network Setting &gt; OFF</b> 。	選取 <b>M &amp; R &gt; Master Device</b> 。
網路設定		
基地台②	選取 <b>Network &gt; Wired Network Setting &gt; OFF</b> 。	選取 <b>M &amp; R &gt; Remote Device &gt; Scan</b> 。
網路設定		
	選取 <b>Scan</b> 之後，隨即顯示主控裝置的 IP 位址。接著，使用箭頭按鈕選取想要的 IP 位址，然後按下選單 / 確認按鈕即可確認 IP 位址。	

## 操作指南

### 透過 IP 網路實現三系統級聯

建議使用 IP 網路連線將三個基地台級聯。在一個基地台上，選取 **Master Device**，並在另兩個基地台上，選取 **Remote Device**。



## 參數

天線	外部
電源供應	直流電源、NP-F 電池、V 型安裝電池、G 型安裝電池
音量調整	調節旋鈕
功耗	<4.5W
尺寸	(LxWxH) : 259.9mmx180.5mmx65.5mm (10.2" x7.1" x2.6" )
淨重	不含天線約 1300g (45.9oz)
傳輸範圍	1,100ft (350m) LOS
頻帶	1.9 GHz (DECT)
頻寬	1.728MHz
無線技術	適應性跳頻
無線電源	≤ 21dBm (125.9 mW)
調變模式	GFSK
RX 靈敏度	<-90dBm
頻率響應	150Hz-7kHz
訊噪比	>55dB
失真	<1%
輸入 SPL	>115dB SPL
溫度範圍	0°C 至 45°C (工作條件) -10°C 至 60°C (存放條件)

註記：

1. 頻帶和無線電源因國家和地區而異。
2. 使用適配器供電時最高工作溫度為 40°C。







## 安全須知

請勿將產品放置在加熱裝置（包括但不限於微波爐、電磁爐、電烤箱、電暖器、壓力鍋、熱水器和瓦斯爐）附近或裡面，以防止電池過熱和爆炸。

產品請勿與非原廠充電盒、纜線和電池一起使用。使用非原裝配件可能會導致觸電、火災、爆炸或其他危險。

## 支援

如果您在使用產品時遇到任何問題，或需要任何幫助，請透過以下方式聯絡 Hollyland 支援團隊：

-  Hollyland User Group
-  HollylandTech
-  HollylandTech
-  HollylandTech
-  support@hollyland.com
-  www.hollyland.com

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