

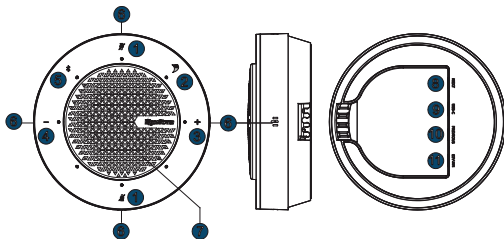
Key Features

- Connect easily with Bluetooth and USB options.
- Omnidirectional digital mic arrays consisting of 4 mics with a sound pick-up range of 5 meters.
- Supports simple, intuitive touch controls and LED indicators.
- Supports cascading up to 9 same speakerphones to expand speaker playback and microphone pick up range.
- Supports AEC, background noise reduction, automatic gain control, and full duplex mode.
- Easy plug and play, and compatible with Windows 10/11, Mac OS 10.10 or above and UC applications, like Zoom, Teams.

In the Box

- 1x HALO 80 Speakerphone
- 1x USB 2.0 Type-A to Type-C Cable (L=1.5m)
- 1x DC 12V Power Adapter
- 1x USB Mini Cable (L=3m)
- 1x Quickstart Guide

Panel Descriptions



Top and Side Panel:

1. Mute/Unmute
2. Reset
3. Volume +
4. Volume -
5. Bluetooth
6. Mics
7. Speaker

Back Panel:

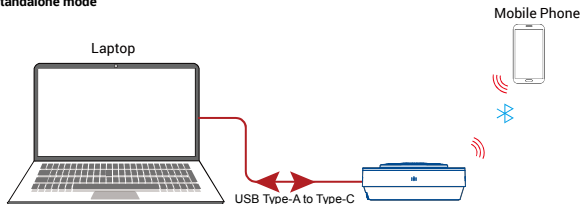
8. NEXT (USB Mini port, connect to the PREVIOUS port of the next speakerphone)
9. USB-C (USB Type-C port, Connect to USB source via the provided USB Type- A to USB Type-C cable. (Only the master speakerphone's TYPE-C port is valid)
10. PREVIOUS (USB Mini port; connect to the NEXT port of the previous speakerphone)
11. 12V (Power Input)

Wiring and Operation

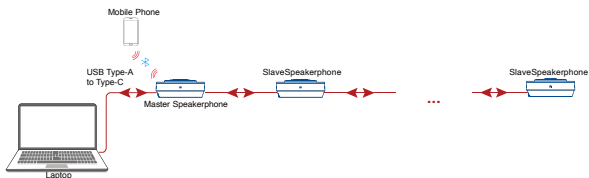
WIRING

The speakerphone supports connecting with source device through USB or Bluetooth, and supports two application modes, Standalone mode and Daisy-Chain mode.

1. Standalone mode



2. Daisy-Chain mode:



Note:

1. The speakerphone needs to be connected to the power source via the provided power adapter.
2. When in Daisy-Chain mode, the master speakerphone must be connected to the power source. One power adapter can supply power for 3 speakerphones at most. If the quantity of the connected speakerphones is more than 3 (no more than 9), another power adapter is needed to be connected to the next speakerphone after every 3 speakerphones.
3. Users can connect the source with the speakerphone (or master speakerphone in Daisy-Chain mode) via USB Type-C port. After the speakerphone (or master speakerphone in Daisy-Chain mode) is connected to a computer via the USB cable, its speaker and mic can be detected by the system and specific application in the name of the following:
Speaker Name: WyreStorm HALO 80
MIC Name: WyreStorm HALO 80
4. Users can connect the source with the speakerphone via Bluetooth. When the speakerphone is waiting for pairing with the computer or mobile phone through Bluetooth, the name can be found in the Bluetooth list is:
Bluetooth: WyreStorm HALO 80
5. Detail operation information, please refer to "OPERATION" section.

OPERATION

Standalone mode

Operation	Description
Power On/Off	<p>Power on: Connect the speakerphone to the power source via the provided power adapter, it will power on automatically. All LEDs will blink (white) like breath once and then the power LED will light white. The speakerphone can be operated normally.</p> <p>Power off: Disconnect the speakerphone from power source. All LEDs will be off.</p>
Bluetooth Connection	<p>A. When power on the speakerphone, the Bluetooth LED is off. In this mode, if the Bluetooth source has not been connected with the speakerphone before, the speakerphone can't be discovered by it. If Bluetooth source has ever been connected with the speakerphone before, it can be connected to the speakerphone by selecting its name in the Bluetooth list. The Bluetooth LED of the speakerphone will light blue after connection is successful.</p> <p>B. When power on the speakerphone, press the Bluetooth button once, the speakerphone enters pairing mode. It can be discovered and connected in this mode. The Bluetooth LED blinks blue. Click the name of the speakerphone in the Bluetooth list of the source to connect. When press the Bluetooth button in pairing mode, the Bluetooth function will be set to "a" mode, and Bluetooth LED will be off.</p> <p>C. When a Bluetooth device is connected to the speakerphone successfully, the speakerphone's Bluetooth LED lights solid blue.</p> <p>D. When the Bluetooth connection is successful, press Bluetooth button again to exit connection mode and back to pairing mode ("b" mode). Then press the button again to set Bluetooth function to "a" mode.</p>
Connect source devices via USB Type-C port and Bluetooth	The speakerphone gives priority to output the audio from the first connected active source. Only when the first connected source is paused or disconnected for about 3s, the speakerphone will output audio from the other active source.
Mute/Unmute	Press the mute/unmute button to mute/unmute the microphones. In mute status, all LEDs light red, and in unmute status, all LEDs will back to previous status. When the speakerphone is powered on, it is in unmute status by default.
Volume +/-	Press Volume +/- button to increase/decrease the volume. The LEDs will show the volume increase/decrease clockwise/anti-clockwise.
Restart	Hold the Power button for about 2s to restart the speakerphone.

Daisy-Chain Mode

The operations in Daisy-Chain mode are same with Standalone mode. In addition to the Power button (restart operation), other operations and LEDs' status of all speakerphones in this mode are synchronized.

Specifications

Technical	
Bluetooth	Yes (BT 5.0)
Speaker out	3W
Mics	Omnidirectional digital mic arraysconsisting of 4 mics; Pick-up range: 5m
AEC, AGC, ANS	Yes
USB protocol	UAC
USB Input	1x USB Type-C port. The following cables are recommended to be used to connect with source device: USB 2.0 Type- A to USB Type-C cable; USB Type-C cable (USB 2.0 or above)
Daisy-Chain port	2x USB Mini
Compatible OS	Windows 10/11, Mac OS10.10 or above
Power	
Power Supply	12V
Max Power Consumption	6W
Environmental	
Operating Temperature	0 to + 45°C (32 to + 113 °F), 10% to 90%, non-condensing
Storage Temperature	-20 to +70°C (-4 to + 158 °F), 10% to 90%, non-condensing
ESD Protection	Human-body Model: ±8kV (Air-gap discharge)/ ±4kV (Contact discharge)
Dimensions and Weight	
Product size (p x h)	123.01mm x 44 mm /4.84" x 1.73"
Weight	

Warranty Information

WyreStorm Technologies ProAV Corporation warrants that its products to be free from defects in material and workmanship under normal use for a period of three (3) years from the date of purchase. Refer to the Product Warranty page on wyrestorm.com for more details on our limited product warranty.