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HT-Satellite-BT

Portable USB and Bluetooth Conference Speakerphone

User Manual

Version: 1.0



Important Safety Instructions



1. Do not expose this apparatus to rain, moisture, dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.



2. Do not install or place this unit in a bookcase, built-in cabinet or in another confined space. Ensure the unit is well ventilated.



3. To prevent risk of electric shock or fire hazard due to overheating, do not obstruct the unit's ventilation openings with newspapers, tablecloths, curtains, and similar items.



4. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.



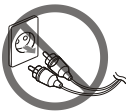
5. Do not place sources of open flames, such as lighted candles, on the unit.



6. Clean this apparatus only with dry cloth.



7. Unplug this apparatus during lightning storms or when unused for long periods of time.



8. Protect the power cord from being walked on or pinched particularly at plugs.



9. Only use attachments / accessories specified by the manufacturer.



10. Refer all servicing to qualified service personnel.

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Introduction

OVERVIEW

The HT-Satellite-BT is a portable USB and wireless Bluetooth speakerphone. It allows everyone to hear the sound in a small meeting room during conference calls and is compatible with all major UC platforms including Microsoft Teams, WebEx by Cisco, Google Meet, and Zoom. The compact sleek design allows for use at home, in the office, and in the hotel during travel.

With a 360-degree 4x Mic array that picks up sound from any angle, built-in echo cancellation, active background noise reduction and speech enhancement, HT-Satellite-BT offers excellent meeting performance.

FEATURES

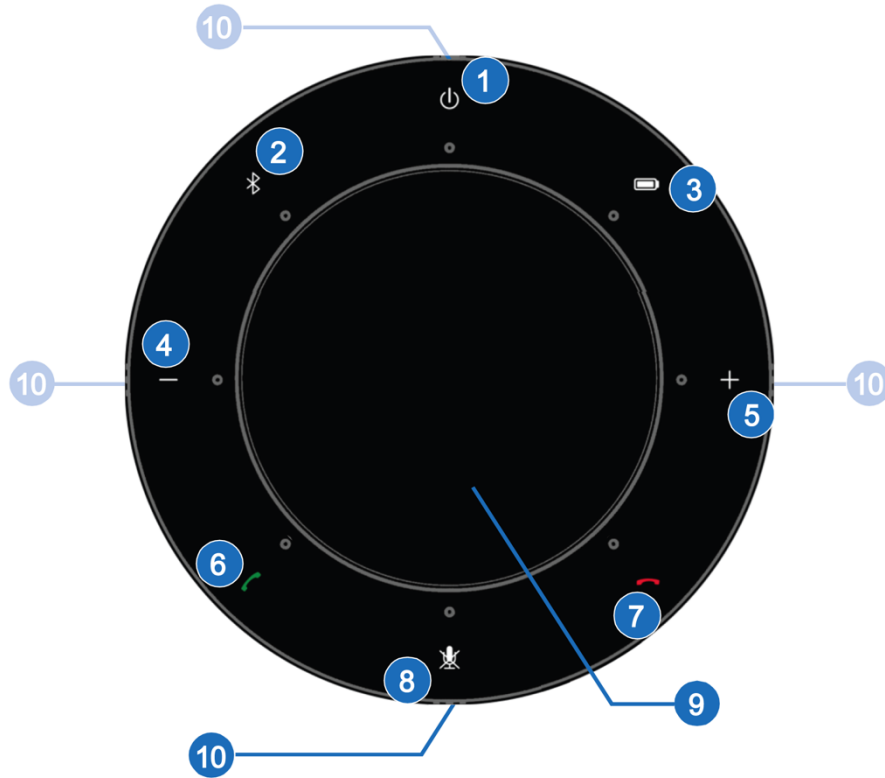
- Quick and easy connection using either USB or Bluetooth.
- Powerful Mic array with omni-directional pickup, unique automatic echo cancellation and noise reduction.
- Clear audio for up to 6 participants.
- Long battery life (up to 10h).
- Plug and Play compatibility for Window, Mac OS, and Android, also UC platforms like Zoom, WebEx, Teams, etc.

PACKAGE CONTENTS

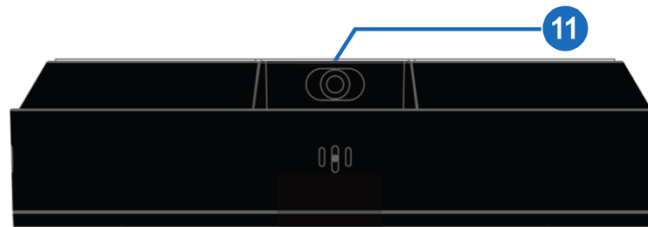
- 1 x Speakerphone
- 1 x USB Type-C to Type-C Cable with Type-A to USB 2.0 (1.5m)

Panel Description

top view



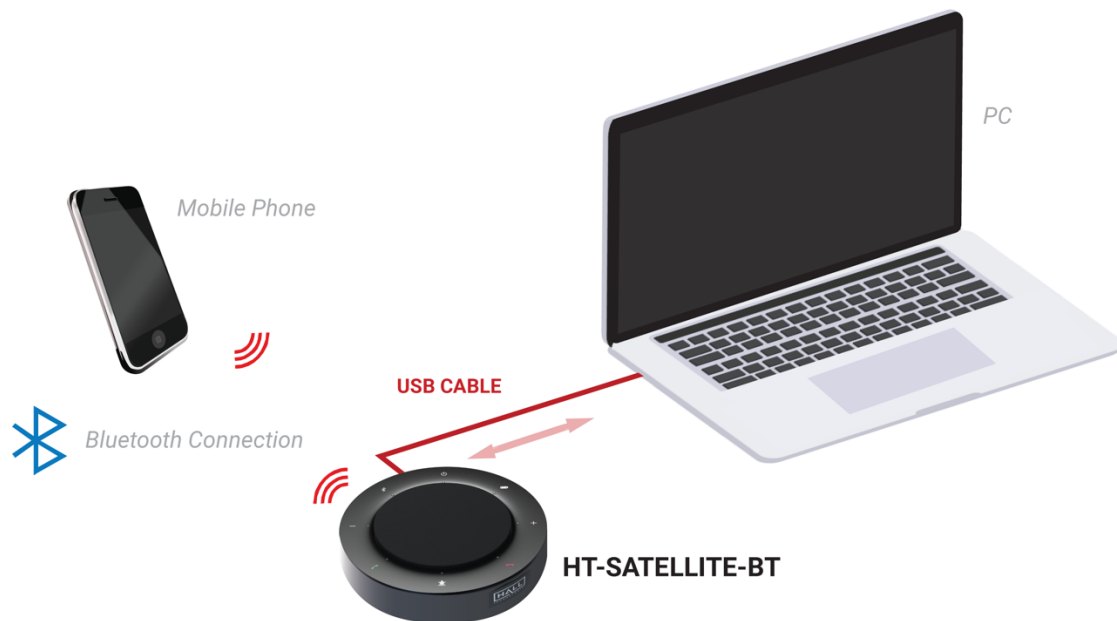
side view



ID	Name	Description
1	Power	<p>Powers the device on/off.</p> <ul style="list-style-type: none"> Power ON: When the HT-Satellite-BT is off, press and hold the Power button for around 1~2 seconds. During power up, all LEDs will blink white and then turn off, and the Power LED will remain white. <ul style="list-style-type: none"> <i>Note: When connected to a laptop with USB the HT-Satellite-BT will power on automatically.</i> Power OFF: To turn off the HT-Satellite-BT, hold the Power button for around 3 seconds. All LEDs will blink white and then will turn off. <ul style="list-style-type: none"> <i>Note: When powered off, the HT-Satellite-BT will remain in charging mode if it is connected to a laptop with USB.</i>

ID	Name	Description
		Note: When both USB and Bluetooth are disconnected for 1 hour, the HT-Satellite-BT will automatically power off.
2	Bluetooth	<p>Press to enable/disable the Bluetooth function:</p> <ul style="list-style-type: none"> • Bluetooth OFF: By default, the Bluetooth function is disabled, and the LED is turned off. • Bluetooth ON: When the Bluetooth function is enabled, the LED will light white if no devices are connected and will light blue when a device is connected. • Pairing: To pair a device, hold the Bluetooth button for 3 seconds to set the HT-Satellite-BT into pairing mode. When in pairing mode, the LED light will blink blue, and the HT-Satellite-BT can then be discovered by other Bluetooth enabled devices. When a device connects the LED light will be solid blue. <p>Note: When a device is connected with Bluetooth to the HT-Satellite-BT, the volume of the speakerphone will change to 50%.</p> <p>Note: The HT-Satellite-BT gives priority to the first connected device. After that device is disconnected, the next device can then connect to the HT-Satellite-BT.</p>
3	Battery/Charge	<ul style="list-style-type: none"> • Charging: To charge, connect the HT-Satellite-BT using the provided USB cable. <ul style="list-style-type: none"> • Blinking red LED: the HT-Satellite-BT is charging. • Solid green LED: the HT-Satellite-BT is fully charged. • Show Battery Level: To view the battery level, press the battery button. When pressed, all LEDs will turn green if fully charged, or will light up green according to the level, counting down counterclockwise, starting with the Bluetooth LED. <p>Note: When the HT-Satellite-BT has less than 10% battery life, the LED of the battery will blink red.</p>
4	Volume -	<ul style="list-style-type: none"> • Press button: the volume decreases one step at a time. • Hold button: the volume decreases continuously. <p>The level of the audio is shown with the LEDs, increasing clockwise and decreasing counterclockwise.</p>
5	Volume +	<ul style="list-style-type: none"> • Press button: the volume increases one step at a time. • Hold button: the volume increases continuously. • The level of the audio is shown with the LEDs, increasing clockwise and decreasing counterclockwise.
6	Answer Call	<ul style="list-style-type: none"> • USB Mode: this button is not available in USB mode. • Bluetooth Mode: when a device is connected and a call is incoming, press the green Answer Call button to answer the call.
7	End Call	<ul style="list-style-type: none"> • USB Mode: this button is not available in USB mode. • Bluetooth Mode: when a device is connected, press the red End Call button to end the call.
8	Mute/Unmute	Press to mute/unmute the mics. When muted all LEDs turn red.
9	Speaker	The location of the loudspeaker.
10	Mic	4 x Omnidirectional mics array for picking up sound. The LEDs turn blue when picking up audio through the respective microphone.
11	USB Type-C Port	Connect to HT-Satellite-BT to a laptop for use with USB Mode and for charging.

Application



APPLICATION 1: USB

1. Connect the included USB Type-C to Type-A cable to from the HT-Satellite-BT (Type-C) to the laptop (Type-A).
2. When the HT-Satellite-BT is connected, the speaker and microphone can be detected by the system, using the following names:
 - Speaker Name: **HT-Satellite-BT**
 - Microphone Name: **HT-Satellite-BT**

APPLICATION 2: BLUETOOTH

1. To connect a new device, hold the Bluetooth button for 3 seconds to put the HT-Satellite-BT into pairing mode.
2. When in pairing mode, the LED light will blink blue, and the HT-Satellite-BT can then be discovered by other Bluetooth enabled devices.
 - Device name: **HT-Satellite-BT**
3. When a device connects to the HT-Satellite-BT, the LED light will be solid blue.

Note: The HT-Satellite-BT gives priority to the first connected device. After that device is disconnected, the next device can then connect to the HT-Satellite-BT.

Firmware Update

1. Install the application: XUpgradeTool_000-1.0.4-Setup.exe
2. Use the USB cable to connect the HT-Satellite-BT to the PC
3. Power on the HT-Satellite-BT and press the following buttons in the order shown to put the HT-Satellite-BT into factory mode:

“Mute” > “Power” > “+” > “Power” > “-” > “Power”



4. The LED will quickly flash.
5. Run the application. It will automatically connect to the HT-Satellite-BT. (The application may be hidden behind other applications – make full screen to keep in view.)
6. Once connected, press the “Browse” button to select the “BD_USP_G008_MCU V1.5.3.bin”, and then press the “Upgrade” button.



7. After the upgrade is finished, press the Power button to manually restore the HT-Satellite-BT in normal use mode.
8. If you would like to check the version of the HT-Satellite-BT, press the button combination found in Step 3 to put the HT-Satellite-BT into factory mode and the application will show it as connected and will display the firmware version. (**Perform Step 7 after checking the firmware to put it back into normal use mode.**)

Troubleshooting

1. During a soft codec call (i.e. GoToMeeting, Meet, Teams, Zoom etc.) with the laptop connected to the HT-ODYSSEY the far end cannot hear the local room participants talk.
 - a. Verify the mic of the HT-Satellite-BT is not in Mute mode (in Mute mode all LEDs light up red).
 - b. Verify the microphone selected in the soft codec is the HT-Satellite-BT
 - c. Verify the soft codec microphone is not muted
2. A device that has been paired with Bluetooth to the HT-Satellite-BT can no longer connect.
 - a. Verify no other device is currently connected with Bluetooth (the first device connected will maintain connection until the user manually disconnects their device; once disconnected the next device can then connect.)
3. When the PC is connected to the Type-C port on the HT-Satellite-BT there is no audio playing through the speaker.
 - a. Verify the laptop's sound output has the HT-Satellite-BT selected as the speaker output.

Specifications

Technical	
Input	1 x USB-C Type-C port (USB 2.0)
Bluetooth	BT 5.0
Battery Life	Up to 10 hours
Battery Capacity	2500mAh
Working Voltage/Current	5V/1A
Speaker Output	3W
Microphones	4 Digital MEMs Microphone Array
Microphone Pickup Range	360°, 3m/10ft
USB Cable	1.5m (USB Type-C to USB Type-A 2.0 Cable)

General	
Operating Temperature	0°C to 45°C (32°F to 104°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Humidity	10% to 90%, non-condensing
ESD Protection	Human-body Model: ±8kV (Air-gap discharge)/±4kV (Contact discharge)
Device Dimension (W x H)	123.01mm x 35.8mm / 4.84" x 1.41"
Product Net Weight	.21kg/0.46lbs



TECHNOLOGIES

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