

HBCB-RSM /CMBCB-RSM

# User manual



**Advanced wireless Communication**

THANK YOU!

Thank you for your purchase of Advanced Wireless Communications'

HBCB-RSM Bluetooth speaker mic. Treat it with care, and you will enjoy years of reliable operation.

## **MODEL(S) COVERED IN THIS MANUAL**

Model:           HBCB-RSM (Enterprise)  
                  CMBCB-RSM (Consumer)

Part Number:   \*\*\*\*\* (Bluetooth speaker mic)



CMBCB-RSM



HBCB-RSM

***Bluetooth speaker microphone that can pair with its radios and devices using the ONE Mobile app. The speaker microphone will be similar in appearance to wired speaker microphones used with radios today. In this document the speaker mic will be referred to as “device”***

## **FCC WARNING**

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.

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

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## **GETTING ACQUAINTED**

### **PRODUCT INSPECTION**

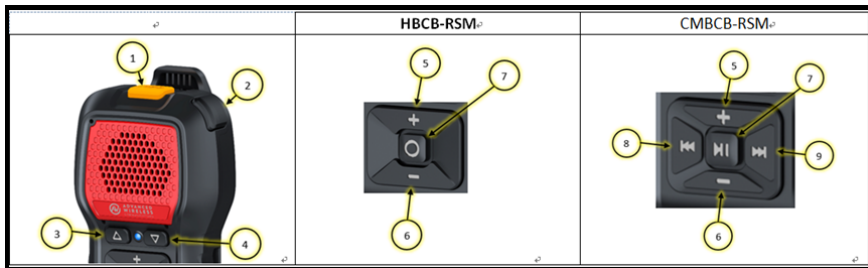
Thank you for your purchase of Advanced Wireless Communications Bluetooth speaker mic. Before use, please inspect the product as follows. First check the shipping carton for any signs of damage. If any damage has occurred, please contact your dealer or Advanced Wireless Communications immediately. Confirm the supplied product against the packing slip to assure accuracy.

**PACKAGING CONTENTS:**

	Part number	Item	Qty.
1		speaker mic.	1
2		Charging Wire	1
3		Simple charger	1



## VIEW



Main Function			
		HBCB-RSM	CMBCB-RSM
1	PTT button	PTT	PTT
2	MFB	<ul style="list-style-type: none"> <li>ONE Mobile: Sage</li> <li>Zello: Secondary PTT</li> </ul>	CMR307-B: PTT
3	Channel Up	Channel Up	Channel Up
4	Channel Down	Channel Down	Channel Down
5	Volume Up	Volume Up	Volume Up
6	Volume Down	Volume Down	Volume Down
7	Center Key	See General Functionality Section	See General Functionality Section
8	Left Key	Empty	See General Functionality Section
9	Right Key	Empty	See General Functionality Section

The following table describes general functionality:

Operation/Status <sup>o</sup>	Description <sup>o</sup>	Sound <sup>o</sup>	LED indicator <sup>o</sup>
<b>Base Functionality<sup>o</sup></b>			
Power on <sup>o</sup>	Press and hold the Center Key for 3 seconds to turn ON the device. ↓ ↓ Consumer: will go into re-connection mode and if there is no saved device to re-connect to, will go to idle. <sup>o</sup> <sup>o</sup> Enterprise: will go immediately to pairing mode after turning it on. <sup>o</sup>	Power on <sup>o</sup>	Blue light flashes quickly. <sup>o</sup>
Power off <sup>o</sup>	Press and hold the Center Key for 3 seconds to turn OFF the device. <sup>o</sup>	Power off <sup>o</sup>	Red light flashes 3 times. <sup>o</sup>
Pairing <sup>o</sup>	Consumer: Press and hold the Center Key for 6 seconds (from an OFF state) to enter pairing mode. <sup>o</sup> <sup>o</sup> Enterprise: Comes to this mode immediately after turning it on. <sup>o</sup>	Ding tone <sup>o</sup>	Red and blue lights flash alternately every 500 <del>ms</del> until connected, or until timeout (3 minutes). <sup>o</sup>
Connected <sup>o</sup>	When the device gets connected from re-connection or from pairing a new device. <sup>o</sup>	Connected <sup>o</sup>	None <sup>o</sup>
Standby (connected) <sup>o</sup>	When the device is connected. <sup>o</sup>	None <sup>o</sup>	Blue light flashes once every 5 seconds for 250ms. <sup>o</sup>

Standby (connected)º	When the device is connected.º	Noneº	Blue light flashes once every 5 seconds for 250ms.º
Disconnectedº	When the device is no longer connected (out of range, or host device's off). The device attempt to re-reconnect until timeout (3 minutes), then it will power itself off.º	Disconnectedº	Blue light flashes once every 5 seconds for 250ms until timeout (3 minutes).º
Transmitº	Press and hold the PTT button or the MFB button to talk, and release when done.º	Noneº	Red light flashes every 250ms.º
Receiveº	Receiving audio.º	Noneº	Blue light flashes every 250msº
Switch Channelº	Channel Up for previous channel, Channel Down for next channel. For example, If on Channel 2, Channel up will take user to Channel 1, and Channel down will take user to channel 3.º	Noneº	Blue light flashes onceº
Volume Maxº	When the volume reaches the maximum (15/15 levels)º	Toneº	Noneº
Volume Minº	When the volume reaches the minimum (0/15 levels)º	Noneº	Noneº
Low Batteryº	When the battery is 20%, 10%, 5%, and every 10 minutes when the	Charge Meº	Red light flashes 2 timesº

	battery is 1% or less.↵		
Charging↵	When the device is charging.↵	None↵	Red light always on↵
Full Charged↵	When charging is 100%.↵	None↵	Blue light always on↵
<b>Special Settings</b> ↵			
Mute On↵	Press and hold V+ and V- for 2 seconds at the same time.↵	Ding <u>Ding</u> ↵	None↵
Mute Off↵	Press and hold V+ and V- for 2 seconds at the same time.↵	Ding↵	None↵
Mic Sensitivity Increase↵	Press and hold MFB button and V+ for 2 seconds.↵	Two/Three↵	Blue light flashes once↵
Mic Sensitivity Decrease↵	Press and hold the MFB button and the V- for 2 seconds.↵	Two/One↵	Blue light flashes once↵
Noise Cancelling On↵	Press and hold MFB button and CH+ for 2 seconds↵	Ding↵	None↵
Noise Cancelling Off↵	Press and hold the MFB button and CH- for 2 seconds↵	Ding <u>Ding</u> ↵	None↵

<b>Full duplex calls</b>			
Call back	Double-click the Center Key to call back the last call. During the call, the blue light will flash quickly.	None	Blue light flashes quickly
Answer Phone Call	When there is an incoming call, click the Center Key to answer the call.	None	Blue light flashes quickly
Reject Phone Call	When there is an incoming call, press the Center Key for 2 seconds, a prompt tone will sound, and the call will be rejected.	Ding	None
End Phone Call	When you are on a call, click the Center Key to end the call.	Ding	None
<b>Music</b>			
Play/Pause music	Click the Center Key to play or pause music	None	None
Previous Song	Click the Right Key to play the previous song	None	None
Next Song	Click the Left Key to play the next song	None	None
Fast forward	When playing music, long press the Right Key to quickly advance music	None	None
Fast rewind	When playing music, long press the Left Key to quickly rewind music	None	None



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