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AWASBO BM001

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1. PRODUCT OVERVIEW

The AWASBO BM001 is a Bluetooth Push-To-Talk (PTT) speaker microphone designed for use with Android systems and Zello applications. It provides wireless communication capabilities, enhancing mobility and convenience for users in various professional and personal settings.

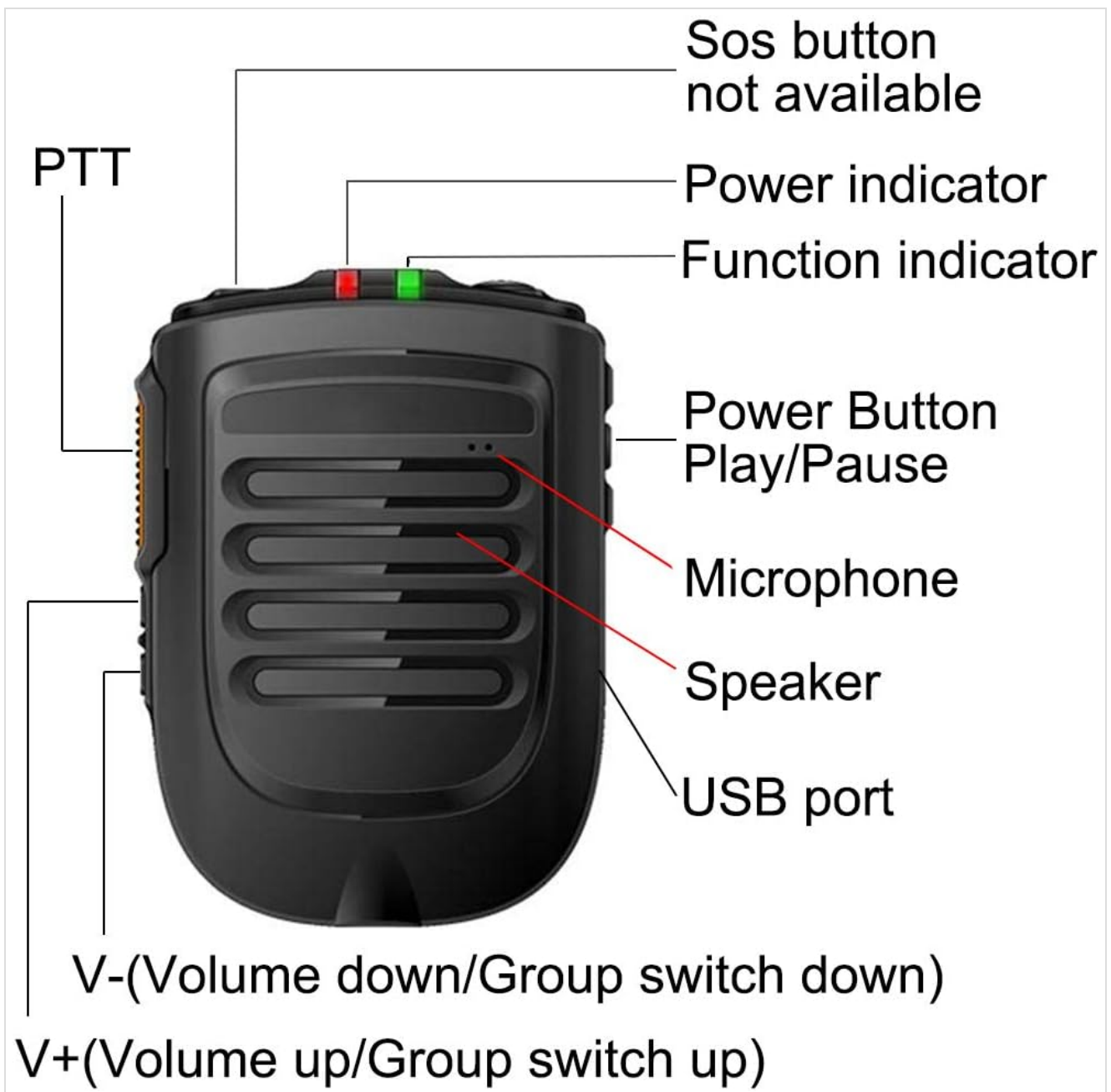


Image 1: Front and back view of the AWASBO BM001 Bluetooth PTT Speaker Microphone, showing the speaker grille, microphone, and rear clip.

Package Contents:

- 1 x Handheld Microphone
- 1 x Data Line (USB charging cable)
- 1 x Clip
- 1 x Instruction Manual



Image 2: The standard packaging contents for the AWASBO BM001, including the handheld microphone, USB data cable, clip, and a wall charger.

Component Identification:

3.7v/2000 mAh battery Long standby

14 hours of talk/12 hours of music/90 hours standby time



Image 3: A detailed diagram identifying the various components of the AWASBO BM001, including the PTT button, power indicator, function indicator, power button (Play/Pause), microphone, speaker, USB port, and volume/group switch buttons (V+/V-).

- **PTT Button:** Push-To-Talk button for communication.
- **Power Indicator:** Shows power status.
- **Function Indicator:** Shows device activity.
- **Power Button (Play/Pause):** Turns the device on/off and controls media playback.
- **Microphone:** For voice input.
- **Speaker:** For audio output.
- **USB Port:** For charging the device.
- **V+ (Volume Up/Group Switch Up):** Increases volume or switches groups.
- **V- (Volume Down/Group Switch Down):** Decreases volume or switches groups.
- **SOS Button:** *Note: The SOS function on this microphone is not available despite some visual indications.*

2. SETUP INSTRUCTIONS

Initial Battery Preparation and Charging:

1. Remove the battery from the device.
2. Locate and remove any protective cellophane covering the battery terminals. This is crucial for the device to power on and charge correctly.
3. Reinsert the battery into the device.
4. Connect the provided USB data line to the microphone and a power source (e.g., wall charger, computer USB

port) to charge the unit fully before first use. The charging time is approximately 2.5 hours.

Powering On and Bluetooth Pairing:

1. Press and hold the Power Button for 3 seconds to turn on the microphone. The power indicator will light up.
2. On your Android smartphone or tablet, navigate to the Bluetooth settings.
3. Ensure Bluetooth is enabled on your Android device.
4. Search for available Bluetooth devices. The microphone should appear as 'B01-BLE' or a similar identifier.
5. Select the microphone from the list to pair. Once paired, the function indicator may change or flash differently.

The Bluetooth connection range is up to 10 meters (approximately 33 feet) in an open environment. Obstacles may reduce this range.

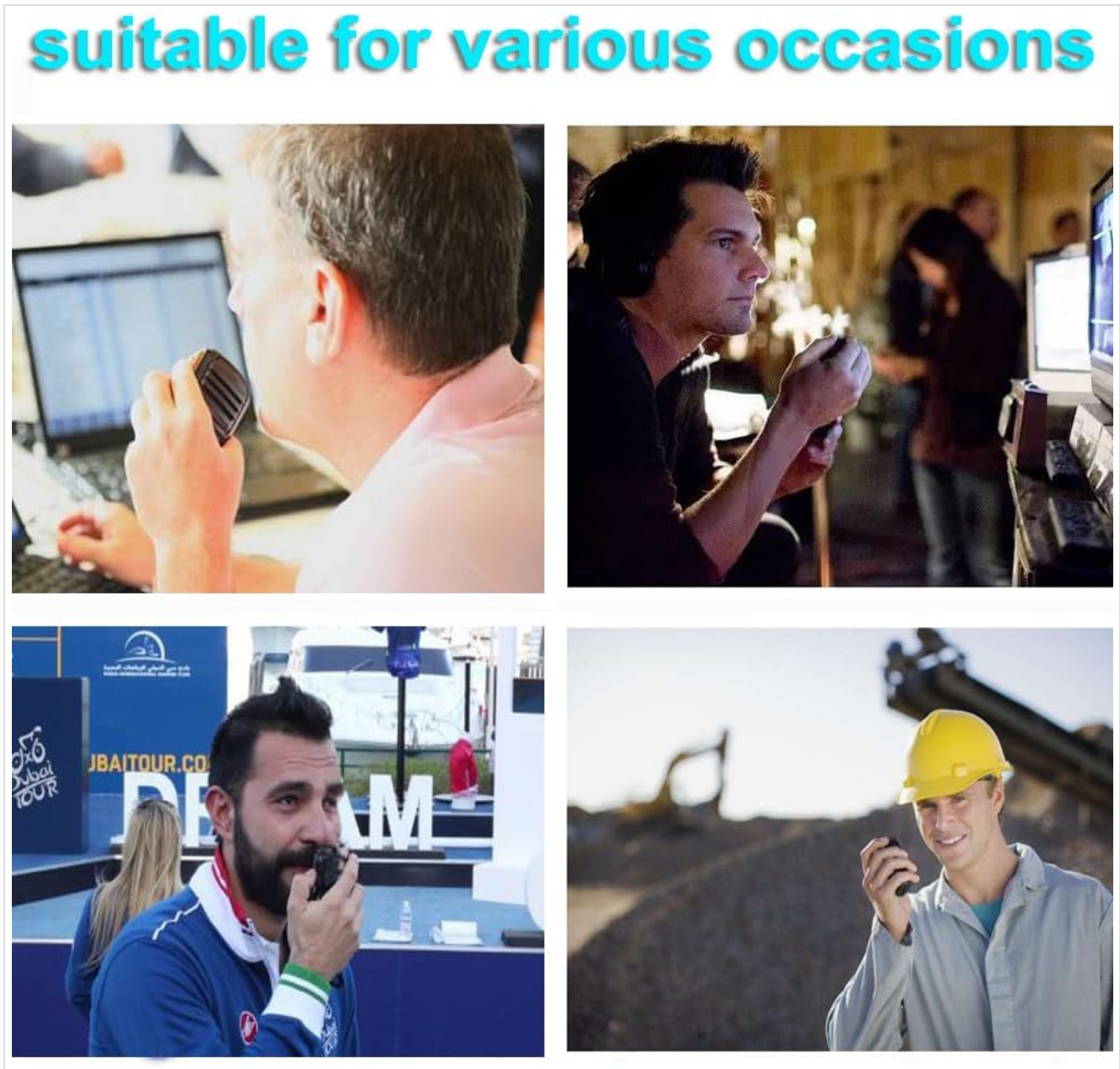


Image 4: Illustration demonstrating the Bluetooth connection distance of up to 10 meters between the AWASBO BM001 and a compatible Android device.

3. OPERATING INSTRUCTIONS

General Operation:

- **Power On/Off:** Press and hold the Power Button for 3 seconds.
- **Answer Call:** Single click the Power Button when a call comes in.
- **Hang Up Call:** Single click the Power Button during a call.
- **Decline Call:** Double click the Power Button when a call comes in.
- **Play/Pause Music:** Single click the Power Button to play or pause music when connected.
- **Volume Adjustment:** Single click V+ to increase volume, single click V- to decrease volume.
- **Standby:** The device will automatically enter standby mode after 15 minutes if no Bluetooth microphone activity is detected.

Push-To-Talk (PTT) Function (Zello App):

The AWASBO BM001 supports PTT functions with applications like Zello. Ensure your Zello app is configured for Bluetooth mode.

- **To Transmit:** Press and hold the PTT button.
- **To Receive:** Release the PTT button.
- **Zello Audio Issue:** If you experience no sound when working with Zello, ensure you select 'Bluetooth mode' within the Zello call interface settings.

Group Switch Function:

This function is valid for 30 seconds after the Bluetooth microphone is activated for PTT software.

- **Group Switch Page Up:** Single click V+.
- **Group Switch Page Down:** Single click V-.
- To end group switch, press the PTT button.

SOS Function:

Please note: The SOS function of this specific microphone model (BM001) is not available, despite some product imagery suggesting otherwise.

Light Weight Design Convenient for Walkie Talkie



Image 5: An image illustrating an SOS button for emergency use. However, for the AWASBO BM001, this function is explicitly stated as unavailable.

BT Distance Up to 10 Meters



Image 6: The AWASBO BM001 held in a hand, demonstrating its lightweight and compact design, convenient for portable use with walkie-talkie applications.

4. MAINTENANCE

Battery Care:

- Charge the device regularly to maintain battery health. Avoid completely draining the battery frequently.
- If the device will not be used for an extended period, charge it to approximately 50% before storage and recharge every few months.
- Use only the provided charging cable and a compatible power adapter.

Cleaning:

- Wipe the exterior of the microphone with a soft, dry cloth.
- Avoid using harsh chemicals or abrasive cleaners.

- Do not immerse the device in water.

5. TROUBLESHOOTING (FAQ)

This section addresses common issues and their solutions.

6. Operation

- **Answer the call**
Press Power button to answer phone when Bluetooth microphone has been activated.
- **Decline**
Double click Power button to decline when there is call in.
- **Hang up the call**
Single click power button to hang up the call.
- **Mp3 play and pause**
Single click power button to play or pause MP3 music when connected.
- **Standby**
Auto hibernation starts in 15min. When Bluetooth microphone has not activated.
- **PTT function**
Bluetooth microphone supports PTT software such as Zello, Total control and etc. PTT button can be used when it is activated.
- **Group switch**
Single click group switch button with green light on and Single click V+/V- to switch group when Bluetooth microphone is activated for PTT software. End group switch by pressing PTT button.
- **SOS**
Press SOS button and hold for 2S when Bluetooth microphone is activated for PTT software. PTT starts after red light turns on and alarm goes off. It lasts for 20s.
- **Firmware upgrade**
For Bluetooth microphone firmware upgrade, TF card and download box are necessary. Corresponding software must be installed to burn the firmware to TF card. Please connect download box and Bluetooth microphone with USB cable. Press and hold the reset button (under the battery after opening the rear cover). Release reset button after the download box starts up. Successful download will be prompted in 10s.

7. FAQ

- **Failed to power on.**
It is probably low battery. Please charge for 2-3hrs.
- **No voice**
Please check if volume sets too low. Please set the switch properly.
- **Echo with speaker**
Speaker is too close to MIC. Please relocate the speaker.
- **Disconnected with mobile phone.**
Low battery.
Distance between Bluetooth microphone and mobile phone is over 10m. Shielding obstacle interferes.
- **Failed to match with mobile phone.**
Clean up all matching information according to user guide. The Bluetooth microphone and the phone should be placed less than 1m and re-start the match.
- **System halted**
It may caused by high-strength radio frequency interference, such as GSM base station, airport radar and a high power TV transmission tower. Please reset and restart after leaving the interference source.
- **Abnormal working indicator**
A. Overuse or long period of non-use may cause low battery. It need to be charged for an hour and unplug and recharge.
B. Change a charging cable or charger.

Image 7: A detailed guide outlining operation steps and frequently asked questions (FAQ) for troubleshooting common issues with the AWASBO BM001 Bluetooth microphone.

- **Failed to power on:**
It is likely due to a low battery. Please charge the device for 2-3 hours. Ensure the protective cellophane has been removed from the battery terminals.
- **No voice:**
Please check if the volume settings are too low. Adjust the volume using the V+ button.
- **Echo with speaker:**
The speaker might be too close to the microphone. Relocate the speaker to reduce echo.
- **Disconnected with mobile phone:**
This can occur due to low battery or if the distance between the microphone and mobile phone exceeds 10 meters, especially with shielding obstacles. Ensure the device is charged and within range.
- **Failed to match with mobile phone:**
Clean up all existing Bluetooth matching information on your mobile device according to its user guide. The Bluetooth microphone and the phone should be placed less than 1 meter apart when attempting to re-establish the connection.
- **System halted:**
This may be caused by high-strength radio frequency interference, such as from GSM base stations, airport radar, or high-power TV transmission towers. Please reset and restart the device after leaving the interference source.
- **Abnormal working indicator:**

a. Overuse or prolonged periods of non-use may cause low battery. The device needs to be charged for an hour and then unplugged and recharged.

b. Try changing the charging cable or charger.

• **Firmware upgrade:**

For Bluetooth microphone firmware upgrades, an TF card and download box are necessary. Corresponding software must be installed to burn the firmware to the TF card. Connect the download box and Bluetooth microphone with a USB cable. Press and hold the reset button (under the battery after opening the rear cover). Release the reset button after the download starts. Successful download will be prompted in 10 seconds.

6. SPECIFICATIONS

Detailed technical specifications for the AWASBO BM001 Bluetooth PTT Speaker Microphone.

3.Specification	
Bluetooth version	BT4.2
Bluetooth protocol	HFP;HSP;A2DP;AVRCP;SPP
Transmission range	>10m
Music	>12hrs in maximum volume
Talking time	≈14hrs
PTT time	≈14hrs
Standby time	>90hrs
Working temperature	-10~50°C
Storage temperature	-25~60°C
Earphone jack	3.5mm,PTT supportive
Battery	2000mA/3.7V
Charging time	2.5h

4.Button function		
Button	Description	Operation
SOS button	SOS	Press and hold for 2 sec.
group switch (valid in 30 sec.)	Group switch page up	Single click V+
	Group switch page down	Single click V-
V+	Volume up	Single click
V-	Volume down	Single click

5.LED indicator			
Description	Power indicator (red light)	Description	Power indicator (green light)
Power on	Red light on for 3 seconds then off	Power on	Green light on for 3 seconds then off
Power off	Red light on for 3 seconds then off	Power off	Green light on for 3 seconds then off
Under charging	Red light on	Bluetooth match	Fast-blink
PTT calling	Red light on	PTT called	green light on
Low battery	Fast-blink	Full charged	green light on
SOS	green light on	GroupSwitch	green light on

ON/OFF	
Turn on	Press and hold for 3 sec.
Turn off	Press and hold for 3 sec.
Answer the call	Single click
Hang up the call	Single click
Decline	Double click

PTT	
Push to Talk	Push to Talk
Release to End	Release to End

Encryption	
Encryption Type	To receive APP command when radio is on

Image 8: A table detailing the specifications, button functions, and LED indicator behaviors of the AWASBO BM001 Bluetooth microphone.

Feature	Specification
Model Number	BM001
Bluetooth Version	BT4.2
Bluetooth Protocol	HFP;HSP;A2DP;AVRCP;SPP
Transmission Range	>10 meters
Music Playback Time	>12 hours (maximum volume)
Talking Time	~14 hours
PTT Time	~14 hours

Feature	Specification
Standby Time	>90 hours
Working Temperature	-10 to 50°C
Storage Temperature	-25 to 60°C
Earphone Jack	3.5mm, PTT supportive
Battery	2000mAh / 3.7V (1 AA battery included)
Charging Time	2.5 hours
Item Weight	9.1 ounces
Package Dimensions	5.59 x 3.9 x 3.31 inches
Compatible Devices	Android devices only



Image 9: Graphic highlighting the 3.7V/2000 mAh battery, providing approximately 14 hours of talk time, 12 hours of music playback,

and 90 hours of standby time.

7. WARRANTY AND SUPPORT

Warranty Information:

Specific warranty details for the AWASBO BM001 are not provided in this manual. Please refer to the product packaging or the manufacturer's official website for the most current warranty information.

Customer Support:

For further assistance, technical support, or inquiries regarding your AWASBO BM001 Bluetooth PTT Speaker Microphone, please visit the AWASBO official website or contact their customer service department through the contact information provided with your purchase or on their website.