

# MAS DUO

WIRELESS

## Spec & User manual



### Specifications

Brand name: MAS

Product name: MAS-DUO WIRELESS

Product model: BT-Dual

Version: BT4.1

Operating Frequency Band: 2.4GHz~2.48GHz unlicensed ISM Band

Profile: HSP1.2, HFP1.6, AVRCP1.4, A2DP v1.2

Support: SBC, AAC, APTX

Microphone: High quality mems mic

Output power: Class 2 power output

Distance range: 10 meter

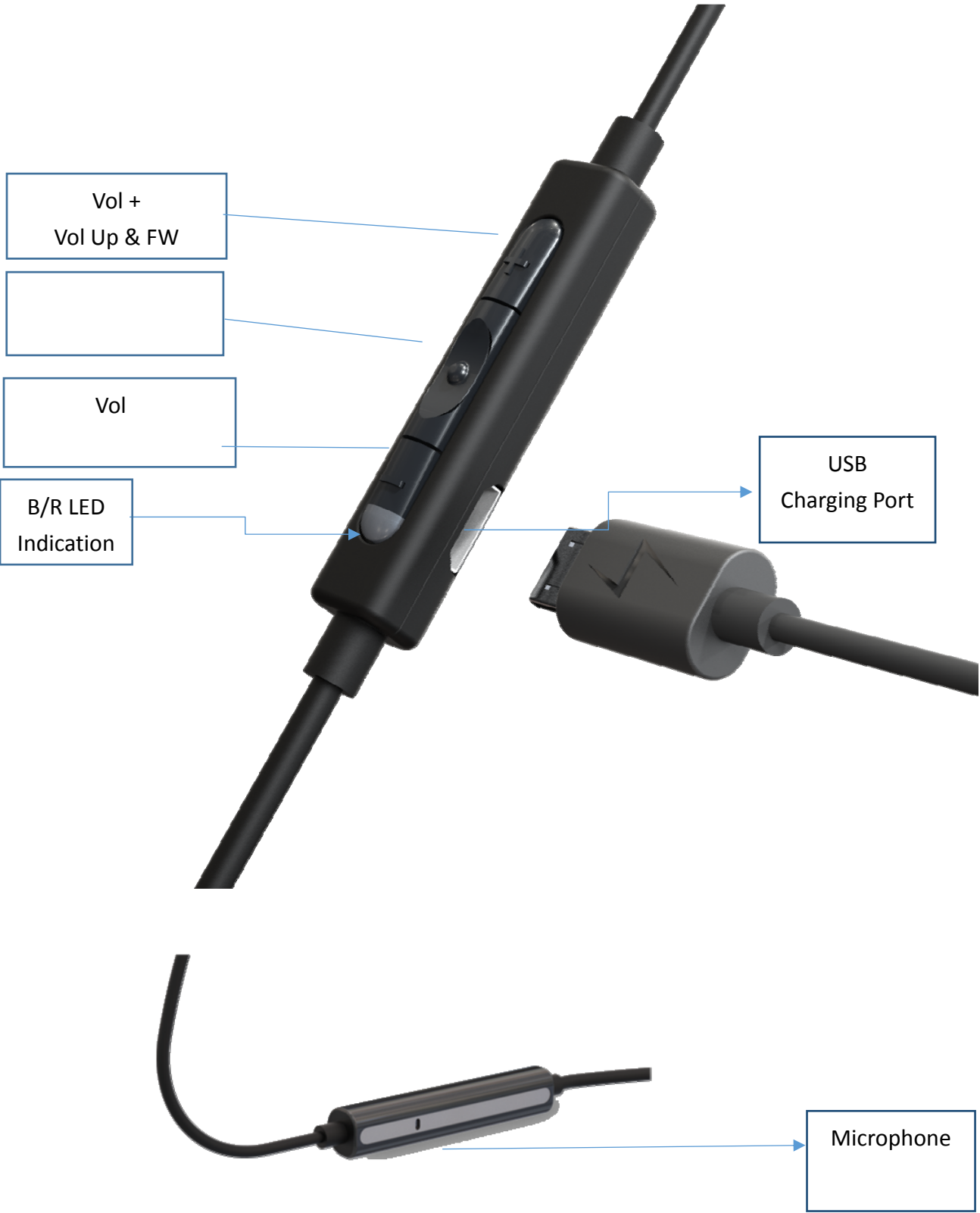
Battery used: 100mAh (Rechargeable Lithium polymer)

Play back time: up to 5 hours

Standby time: up to 150 hours

Charge time: about 2 hours

**Control Buttons**



## Operation

### ● Turning ON/OFF

#### Turn on MAS-DUO WIRELESS

When **MAS-DUO WIRELESS** is under off mode, press and hold the “**MFB**” button 2 seconds until you hear a tone and blue LED light 3 times.

#### Turn off MAS-DUO WIRELESS

Press and hold the “**MFB**” button 4 seconds until you hear a tone and red LED light 1 second.

**When losing the connection. MAS-DUO WIRELESS will turn off in 10 minutes automatically.**

### ● Pairing

You are required to pair **MAS-DUO WIRELESS** with your mobile phone before using it.

- 1) Under power off mode. Press and hold the “**MFB**” button 3 seconds to power on **MAS-DUO WIRELESS**, and it will be in pairing mode after power on.
- 2) The phone will search all Bluetooth devices within 10 meters and display them as a list.
- 3) Select “**MAS-DUO**” from the list on the mobile phone. Old BT version or device need to enter the passkey “**0000**” to pair and connect **MAS-DUO WIRELESS** with phone.
- 4) The LCD Bluetooth logo icon will turn on when both devices are successfully paired.

**Note:** If the pairing can't be completed within 2 minutes after the pairing mode is activated, **MAS-DUO WIRELESS** will be enter idle mode, please repeat step to pair **MAS-DUO WIRELESS**.

### ● Connection

In some cases the device could be disconnected from your phone. For example, if **MAS-DUO WIRELESS** is switched off. To restore the connection between **MAS-DUO WIRELESS** and your phone:

- 1) If **MAS-DUO WIRELESS** has been turned off: turn on the power and the connection will be restored automatically.
- 2) If the mobile phone has been switched off: turn on the mobile phone and restore the connection via the phone menu or press the “**MFB**” button once.
- 3) If one of the two devices has been out of range, the device will connect automatically within 10 minutes as the device back in range. If timeout, press the “**MFB**” button once to connect it.

### ● Disconnection

Sometimes you need to disconnect your phone from the **MAS-DUO WIRELESS**. For example, if you

need to connect the phone with another Bluetooth devices. To disconnect the **MAS-DUO WIRELESS** and your phone:

- 1) Turn off **MAS-DUO WIRELESS**
- 2) Disconnect the **MAS-DUO** in the phone menu.

### **Answer Calls**

When incoming call, press the “**MFB**” button to answer the call.

### **Ending Calls**

During the call, press the “**MFB**” button to end the call.

### **Rejecting Calls**

When incoming call, press and hold the “**MFB**” button for 1 second to reject an incoming call.

### **Answer or reject the second call:**

-**Answer the second call:** During a call, when another call is coming, short press the “**MFB**” to pick up the call and the first call will be hold.

-**Reject the second call:** During a call, when another call is coming, press and hold “**MFB**” for 1second to reject the call.

### **Swap the call**

-During the three way call, press “**MFB**” button twice to swap the call

-During the three way call, short press “**MFB**” button to end the current call and another call will be answered automatically.

### **Play/Pause**

If **MAS-DUO WIRELESS** is connected to the phone or other audio device, short press the “**MFB**” button to starting the music playing. Short press the “**MFB**” button again to pause the music.

### **Forward**

Under music mode, short press the “**V+**” button for 1 second to forward song.

### **Backward**

Under music mode, short press the “**V-**” button for 1second to backward song.

## ● **Adjusting the Volume**

**To increase the volume** –During the call or music, press and hold “**V+**” button to increase volume by one level. Repeat this procedure until it reaches the desired level.

**To decrease the volume** –During the call or music, press “**V-**” button to decrease the volume by one level. Repeat this procedure until it reaches the desired level.

## **Low battery indication and charging**

**MAS-DUO WIRELESS** charging voltage via USB is 5V. When the battery voltage is lower than 3.3V, the red LED begins to flash and a tone sounds every 2 minutes. When the battery voltage is lower than 3.0V, **MAS-DUO WIRELESS** will shut down automatically.

## LED Indication

Status	LED Indication
Power on	Blue LED flash 3 times
Power off	Red LED on 1 second
Standby mode(connected)	Blue LED blink once every 10 seconds
Idle mode(disconnected)	Blue LED blink twice every10 seconds
Pairing in progress	The red and blue LED flash alternately
Play Music	Blue LED flash slowing once every 10 seconds
low battery	Red LED flash slowing once every 10 seconds
Charging in progress	Red LED steady on
Charging completed	Red LED off

## Safety message

**Attention! Please read this user manual before using the product.  
Please do not use this product in radiation restricted area.**

## Electrical Equipment forbid area

Please turn off **MAS-DUO WIRELESS** when seeing the “RF product prohibit sign”.

## Airplane

Please turn off **MAS-DUO** when boarding on the airplane aviation safety

## Medical facilities

Please do not use **MAS-DUO WIRELESS** in the hospital or near some medical equipment in case it may affect the electromagnetic interference. Please check with medical equipment suppliers or internal doctors before using the product.

## Product Terms and Conditions:

1. Please fully charge the battery before you first use the product.
2. Please do not use the product in the excessive humid environment.
3. Please charge the battery at latest once a week to preserve battery life if it is not in use for a long time
4. Please use the original battery and charging cable. MAS voids all warranty responsibility for using the non-original parts.
5. To avoid breaking the cord, please disconnect the inline controller microphone cable by pulling out the plug, not the cord.
6. High volume may affect your hearing. For your safety, please do not use headphones while driving or cycling.
7. MAS voids all warranty responsibility for any physical alteration to the headphone.

## FCC Compliance and Advisory Statement

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.

This equipment has been tested and found to comply with the limits for a Class B digital device, according 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 correct the interference by one or more of the following measures:

1. Reorient the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio/TV technician for help.

Any special accessories needed for compliance must be specified in the instruction manual.

### **Warning:**

A shielded type power cord is required in order to meet FCC emission limits and also to prevent interference to the nearby radio and television reception. It is essential that only the supplied power cord be used. Use only shielded cables to connect I/O devices to this equipment.

### **CAUTION:**

Any changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

## R&TTE Compliance Statement

Hereby, Consonance Technology Corporation declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.



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