

### Detailed instructions

The speaker has 3 groups of inputs, with separate volume control.

- 1) Wired and wireless microphones (with tone control and echo / repeat function) (Jack 6.3 Mono)
- 2) AUX input, to connect an instrument or a base (6.3 mono jack).
- 3) multimedia area, that is: USB / SD / MMC or micro SD reader, Bluetooth connection, Line input (RCA stereo L + R), FM tuner with tone control

#### (\* ) Battery management:

Before and after each use, charge the battery, preferably for at least 12 hours.

The battery should normally be charged with the speaker off.

In case of prolonged non-use, charge the battery every 3 months.

When the battery, during use, reaches too low a voltage, the speaker goes into protection and the LOW LED lights up

#### (\* ) Multimedia area functions:

Premises: wait for the required functions to be performed before pressing other keys !!!!

The Instructions for USB are the same for SD / MMC / Micro SD

⇄ Pressed in sequence selects USB / Line / BT or FM Radio. If pressed for a long time, it inserts or removes the voice instructions function.

↺ In USB mode, it activates the single repeat or full repeat of all tracks.

● Press to activate the REC function (which affects only the Mic and AUX inputs) or to play back recordings

⏮ In USB / BT mode, short press skips to the previous track. In USB mode fully pressed back fast.

⏸ Short Press: Pause. Long press: selects the language (Chinese or English)

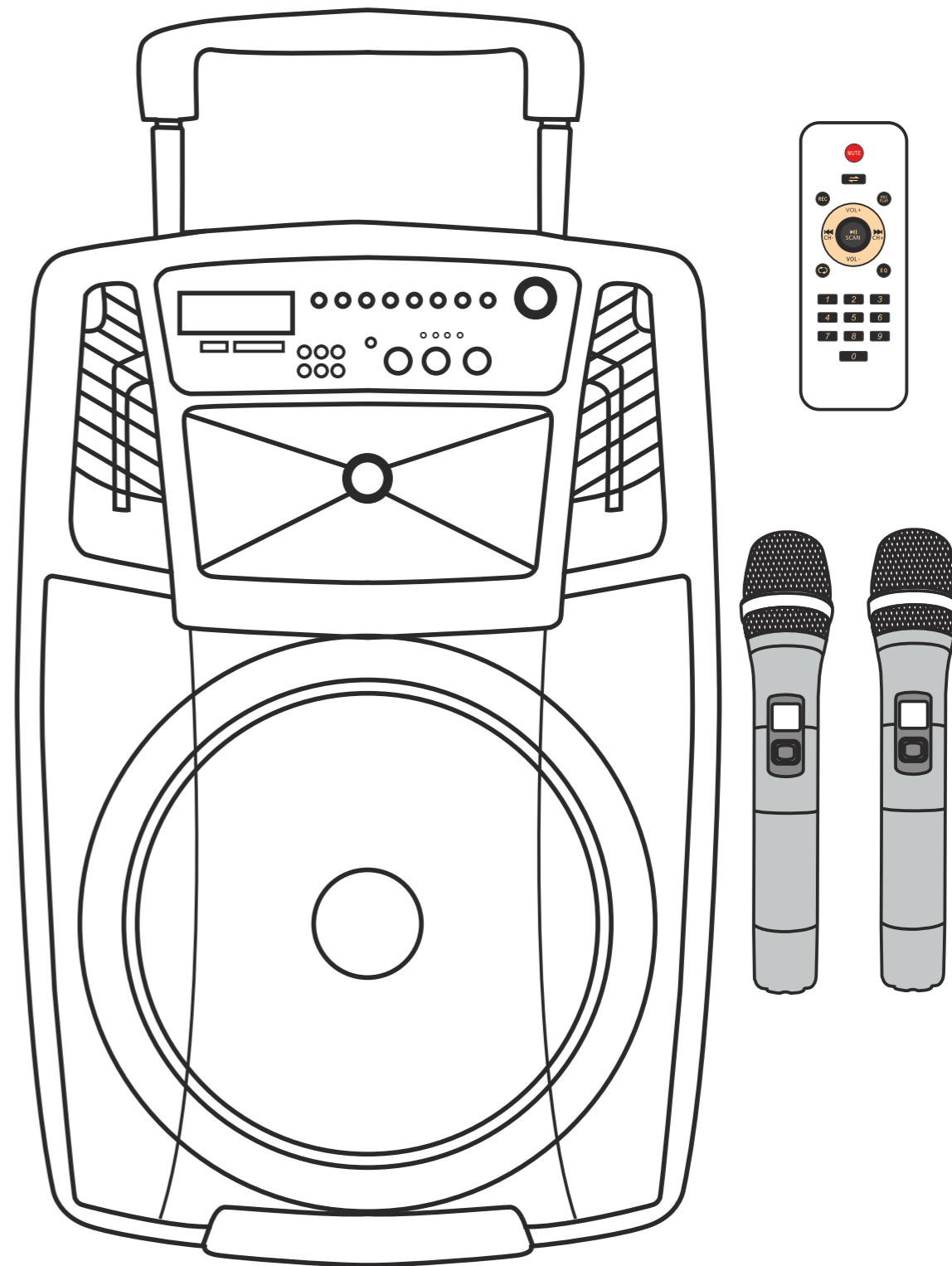
⏭ In USB / BT mode, short press: skips to the next track. In USB mode Long pres: fast forward

To listen a recorded file, open the REC folder by pressing ⇄ up to read USB and the the button ↺ up to reading F01 on the display. Then press the button ● to listen the recorded file in loop mode.

### Accessories

For this enclosure, on request are available 2 Body packs that operate in the same frequencies of the hand held microphones included in the package. Of course for each frequency only one transmitter can be used to avoid interferences.

Cod. **M2 HS2**      677 Mhz  
Cod. **M2 HS1**      660 Mhz



## Battery Active enclosure Mod **M2.15W/L** Owner Manual

Compliments for choosing a professional enclosure of the M1 - M2 W/L series. This line of product is completely new and offer a high sound pressure together with a sound rich of details.

**Main features are:**

- \* **Amplifier in classe D with very high efficiency**
- \* **High SPL - Limiter and battery protection**
- \* **Echo on microphone inputs**
- \* **2 inputs for wired microphones - 2 wireless microphones connections - 1 AUX input - 1 stereo input**

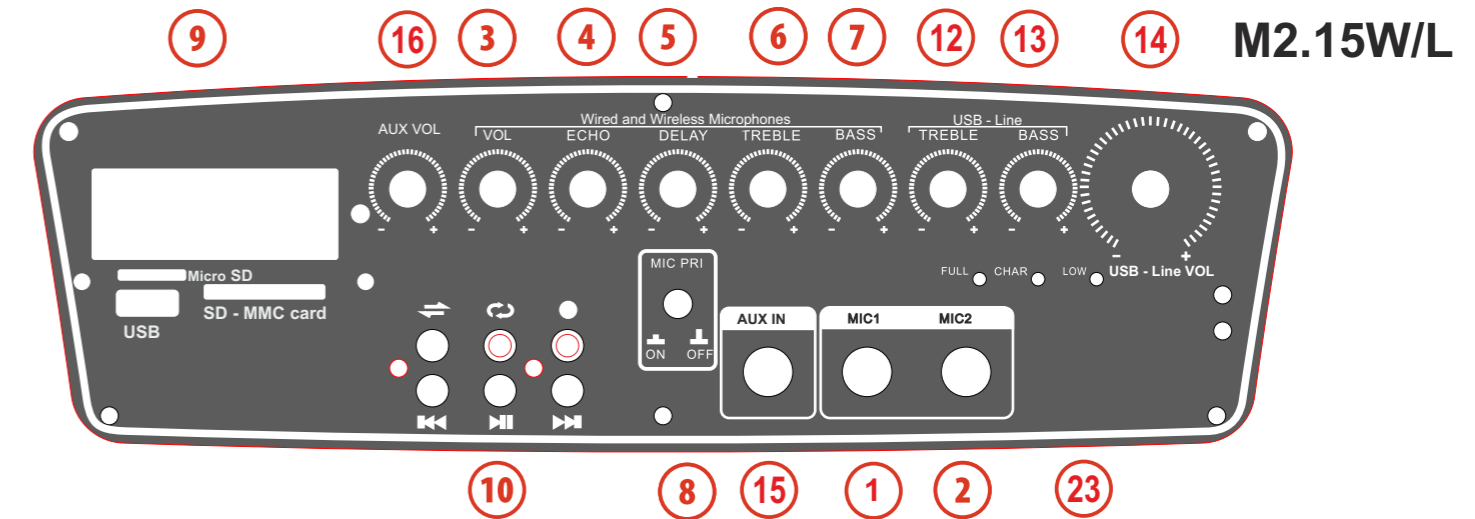
**Line input**

**Warnings:**

Danger: Certain precautions are always required when using electrical products, including the following:

- 1) Read all safety instructions before using the product.
- 2) To reduce the risk of injury, when the product is used in the presence of children, close supervision is necessary.
- 3) Do not use the product near water, such as sinks, kitchens, wet floors, swimming pools or the like or in the rain.
- 4) The product must be placed away from heat sources such as radiators, or other products that produce heat.
- 5) The product must be powered only with the type of power supply envisaged. Always check the condition of the power cord.
- 6) If it is necessary to replace the fuse, disconnect the power plug before proceeding. The fuse is near the power outlet and must be replaced with one of the same type and rating. If the fuse blows again, contact the after-sales service. **DO NOT** replace again with a higher value.
- 7) The product must be checked by qualified persons if:
  - The power cord or plug is damaged
  - Objects or liquids have entered the product
  - The product has been exposed to rain
  - The product has been dropped or the chassis is damaged.
- 8) **DO NOT** try to repair the product other than the operations indicated in the manual. All other repairs must be carried out by qualified personnel.
- 9) **Recharge the battery before and after each use and, in any case, every 3 months.**

| Dati tecnici                           | Specification                   |     | M2 15W/L  | M2 12W/L  | M2 10W/L  | M1 7W/L    |
|--|---------------------------------|-----|-----------|-----------|-----------|------------|
| Potenza massima                        | Max Power                       | W   | 750       | 450       | 300       | 60         |
| Potenza nominale totale                | Rated Total Power               | W   | 250       | 150       | 100       | 20         |
| Distorsione alla potenza nominale      | Distortion at Rated Power       | <   | 0,5%      | 1%        | 1%        | 1%         |
| Risposta in frequenza                  | Frequency response              | Hz  | 50÷20.000 | 55÷20.000 | 60÷20.000 | 80÷19.000  |
| Dispersione angolare orizzontale       | Horizontal Dispersion angle     | °   | 90        | 90        | 90        | 90         |
| Dispersione angolare verticale         | Vertical Dispersion angle       | °   | 60        | 60        | 60        | 60         |
| Misura Woofer                          | Woofer size                     | mm  | 380       | 320       | 250       | 170        |
| Bobina del woofer                      | Woofer V/C                      | mm  | 38        | 38        | 38        | 19         |
| Bobina del driver                      | Compressor driver V/C           | mm  | 25        | 25        | 25        | Piezo      |
| Ingresso Mic 1                         | Mic 1 Input                     |     | Jack      | Jack      | Jack      | Jack       |
| Ingresso Mic 2                         | Mic 2 Input                     |     | Jack      | ---       | ---       | ---        |
| Ingresso AUX 1                         | AUX 1 Input                     |     | Jack      | Jack      | Jack      | Jack       |
| Ingresso Line                          | Line Input                      |     | RCA       | RCA       | RCA       | RCA        |
| Uscita                                 | Output                          |     | RCA       | RCA       | RCA       | RCA        |
| Frequenza Mic Wireless 1               | Wireless Mic 1 frequency        | Mhz | 677       | 677       | 677       | 259,1      |
| Frequenza Mic Wireless 2               | Wireless Mic 2 frequency        | Mhz | 660       | 660       | 660       | ---        |
| Regolazione livello Mic                | Mic Level Control               |     | Si        | Si        | Si        | Si         |
| <b>Effetto Echo sugli ingressi Mic</b> | <b>Echo Effect on Mic Input</b> |     | Si        | Si        | Si        | Si         |
| Regolazione livello Aux                | Aux Level Control               |     | Si        | Si        | Si        | Si         |
| Regolazione livello Line               | USB / Line Level Control        |     | Si        | Si        | Si        | No         |
| Reg. toni Alti e Bassi (USB/Line)      | USB/Line Bass & High control    |     | Si        | Si        | Si        | Si         |
| Dimensioni (LxPxA)                     | Dimensions                      | cm  | 48x39x72  | 38x3x6    | 33x30x52  | 24x20,5x34 |
| Peso                                   | Weight                          | Kg  | 19,3      | 13,7      | 9,6       | 3,1        |



**Connections and controls**

- 1 -Mic 1: wired microphone input (Jack 6.3 unbalanced)
- 2 -Mic 2: wired microphone input (Jack 6.3 unbalanced)
- 3 -Vol: microphone volume (wired and wireless)
- 4 -Echo: adjustment of the ECHO effect on all microphone inputs
- 5 -Delay: adjustment of the effect repetitions on all microphone inputs
- 6 -Treble: adjustment of the high tones on all microphone inputs
- 7 -Bass: adjustment of bass tones on all microphone inputs
- 8 -Mic Pri: button for selecting the priority function of the microphones. If activated, when using microphones, it lowers the volume of the multimedia section.
- 9 -USB-BT: multimedia area with USB / SD / MMC / Micro SD - BT reader
- 10-USB/BT control buttons (\*)
- 11-Line IN: stereo Line input (RCA)
- 12-Treble: adjustment of the high tones of the USB-BT-Line inputs
- 13-Bass: adjustment of the bass tones of the USB-BT-Line inputs
- 14-Volume: Adjusting the volume of the USB-BT-Line inputs
- 15-Aux In: Aux input (Jack 6.3 unbalanced)
- 16-Vol: Adjusting the volume of the Aux input
- 18-AC In: connection of the 230 V AC power supply
- 20-3-position switch (\*\*)
- 21-Ext DC 12V: connection to external 12 V battery. Pay attention to polarity !!
- 22-Output: mono line out connection (RCA)
- 23-LED: Power = on / Full = battery charged / Charge = battery under charging / Low = battery discharged (\*)

(\*) See p. following

(\*\*) Position «I»: works with internal or external battery. Position «0» speaker off, and battery charging if the power cable is connected. Position «1» working with 230V power supply

