OQAN

QLS-8AB

Portable Active Speaker

Important Safety Information

Electrical Hazard Warning

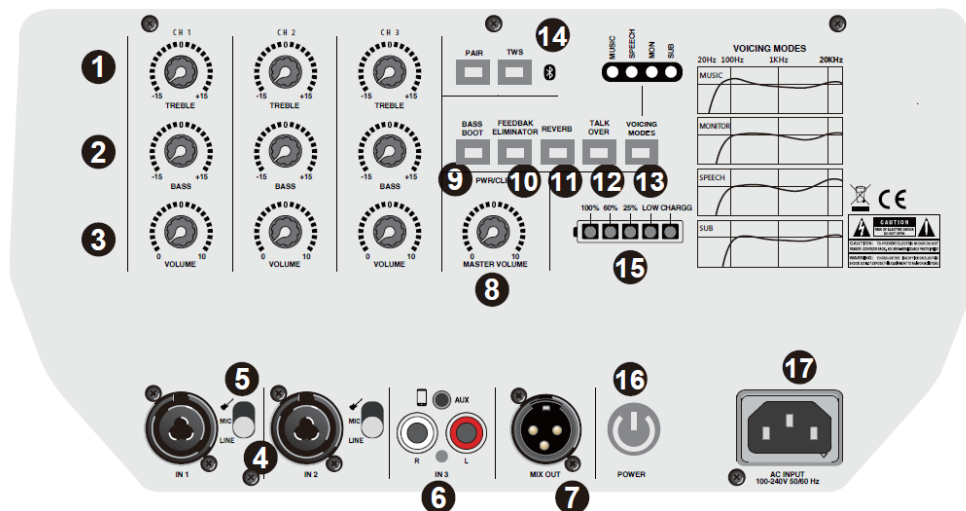This symbol indicates the presence of dangerous voltage that can cause electric shock.

Symbols Explained

- ⚠ Electrical hazard
- ⊗ Specific component
- ⏚ Grounding
- ∿ Alternating current
- ☠ Dangerous terminal
- ⏻ Power on (ON)
- ○ OFF
- ⚠ WARNING
- ⚠ CAUTION

Safety Instructions

- **Read and keep these instructions.**
- **Pay attention to all warnings.**
- **Follow all manufacturer's instructions.**
- Avoid exposing the device to **water or moisture**.
- Do not install near **heat** sources.
- Do not obstruct the **ventilation grilles**.
- Prevent objects or liquids from entering the interior.
- Use only the **original power cord**.
- Do not modify **polarized or grounded** plugs.
- Do not open the device: risk of electric shock.
- Use the appropriate **power supply.**
- Disconnect in case of storms or long periods of inactivity.
- Replace the **fuse** only with the type indicated by the manufacturer.
- Ensure **proper electrical connection**.
- Clean only with a soft dry cloth.
- Consult an authorized technician for repairs.
- Use only **accessories recommended** by the manufacturer.
- Caution: the sound pressure level may be harmful to hearing.

2. Rear Panel and Controls

(The numbers correspond to the image on the rear panel of the product)

1. **TREBLE CONTROL**: Adjusts the treble level.
2. **BASS CONTROL**: Adjusts the bass level.
3. **IN1/IN2 COMBO INPUT**: Combined XLR/jack input for microphones, instruments or line.
4. **LINE/MIC/HI-Z SELECTOR**: Switches the input type according to the connected source.
5. **IN3 INPUT**: Auxiliary input for CD, cell phone or other devices (RCA/minijack).
6. **MIX OUT**: XLR output with mono mix of all input signals.
7. **MASTER VOLUME**: General volume control.
8. **BASS BOOST**: Bass boost for IN3 and Bluetooth.
9. **FEEDBACK ELIMINATOR**: Eliminates microphone input feedback.
10. **REVERB**: Adds reverb effect to the signals.
11. **TALK OVER**: Prioritizes the voice by temporarily reducing the volume of input 3.
12. **VOICING MODES**:

- **Music**: Deep bass and brilliant treble. Ideal for DJ or music.
- **Monitor**: Reduced bass, more clarity near the ground.
- **Sub**: Bass cut, treble boosted. Ideal for amplified voice.
- **Speech**: Optimized for spoken voice (additional mode not described).

14. **CONNECTION WITH BT WIRELESS DEVICES**

- **PAIR**: Press and hold to pair.

- **TWS**: Connects two QLS-8AB speakers wirelessly for stereo sound.

15. **BATTERY INDICATORS**

- LED charge and low battery indicators.

16. **POWER**: Press and hold 1 sec. to turn on, 3 sec. to turn off.
17. **AC POWER SOCKET**: Power supply connection.

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3. Technical Specifications

- **Model:** Oqan QLS-8AB
- **Type:** Portable 2-way active loudspeaker with rechargeable battery
- **Frequency response:** 60Hz - 19KHz (50Hz - 20KHz ±1dB)
- **Max. SPL:** 115 dB
- **LF loudspeaker:** 8"
- **HF tweeter:** 1" compression driver
- **Mic/Line/Instrument Inputs:** 2 x XLR Combo
- **AUX inputs:** 1 x RCA, 1 x 3.5 mm minijack
- **Equalizer:** Bass and treble ±15 dB
- **Line output:** 1 x XLR
- **DSP sampling frequency:** 48KHz
- **DSP processor:** Reverb, parametric equalizer, limiter, crossover, crossover, coupling detector, talkover
- **DSP Modes:** Music, Speech, Monitor, Sub
- **Bluetooth:** Version 5.0, TWS
- **RMS Power:** LF 65W + HF 30W = 95W
- **Maximum Power:** LF 130W + HF 60W = 190W Peak
- **THD:** <0.1% (20Hz-20KHz)
- **Battery:** Lithium 11.1V - 6600mAh
- **AC input:** 100-240V, 50/60Hz
- **Autonomy:** Approx. 4 hours
- **Charging time:** 3 hours
- **Dimensions:** 325 x 315 x 460 mm
- **Net weight:** 8 kg