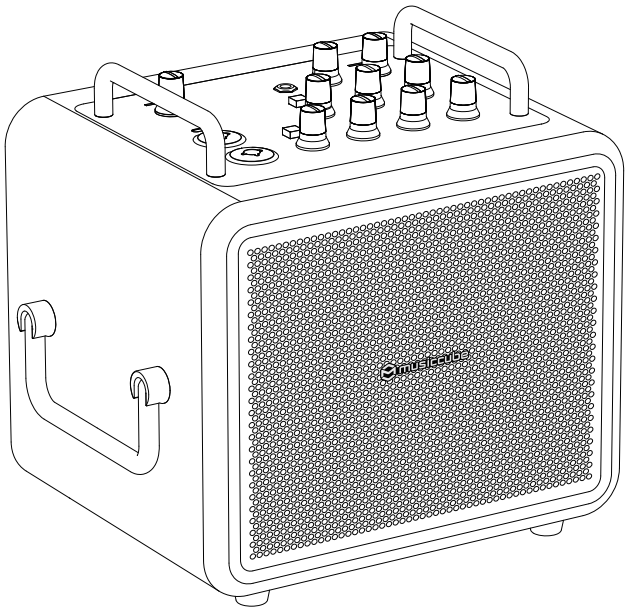
musiccube



User Manual

Musiccube Rainbow H6 Pro

Multifunctional Portable PA System

Thank you for choosing and purchasing the Musiccube Rainbow H6 Pro.

Product Introduction

Thank you for choosing the Musiccube Rainbow H6 Pro.

The Rainbow H6 Pro is a multifunctional portable PA speaker designed for outdoor use. It delivers 120 W of power while weighing approximately 2.95 kg, combining powerful sound with a compact and portable design.

The system provides two combo input channels. Channel 1 supports high–impedance instrument input, while Channel 2 supports mic/line input. Upgraded combo XLR/TRS connectors provide greater compatibility with microphones, guitars, and other audio equipment. It is suitable for live performances, instrumental practice, singing, and outdoor events.

With upgraded materials and an optimized acoustic design, the Rainbow H6 Pro delivers impressive sound pressure from a compact enclosure. Vocals remain clear and natural, while instruments sound full and stable.

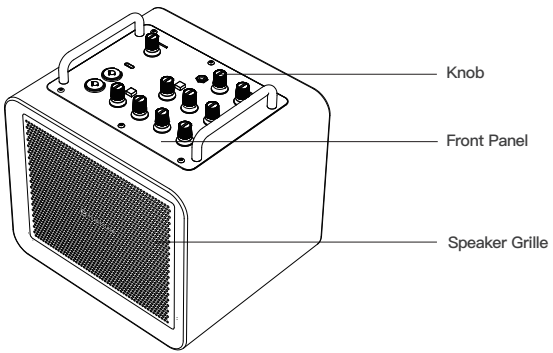
The replaceable battery design also provides flexible and reliable power support for outdoor use.

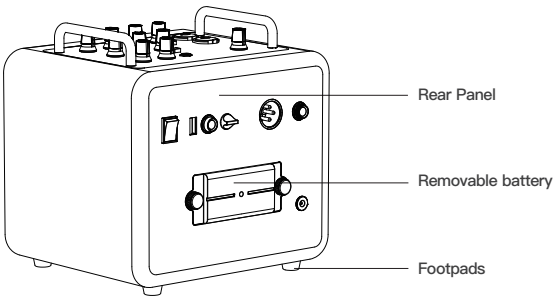
Continue enjoying the exceptional experience with the Musiccube Rainbow H6 Pro!

Specifications

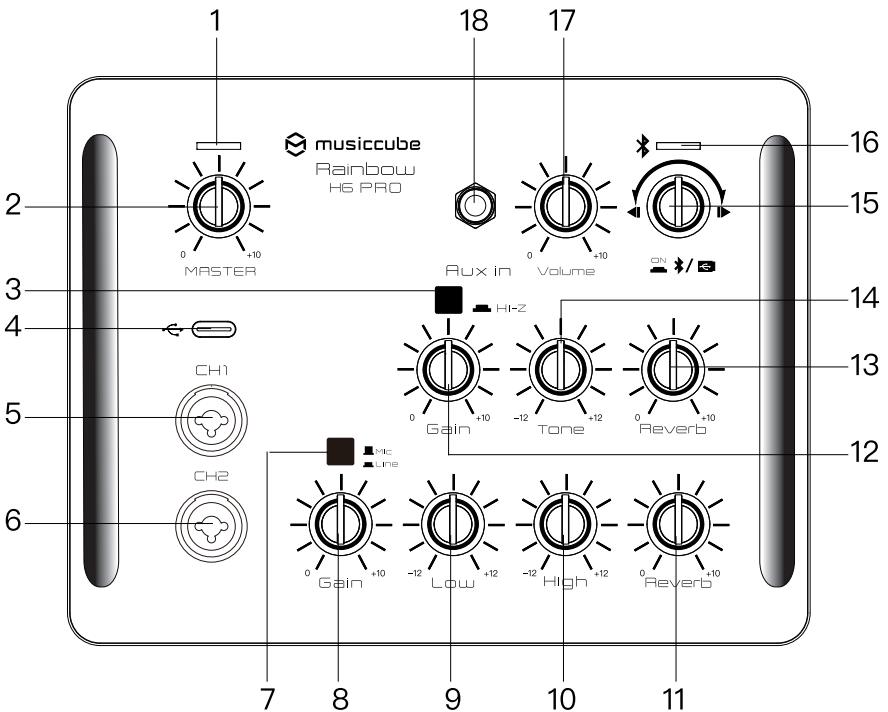
Model	Musiccube Rainbow H6 Pro
Power Output	120W
Frequency Response	75Hz—20kHz
Audio Input	2 × Mic/Line Inputs (XLR/TRS)
	1 × 3.5 mm AUX Input
	1 x Bluetooth Input
	1 x USB Input
Additional Features	OTG Live Streaming and Internal Recording / Balanced Output / Headphone Monitoring / Line Output
Effects	Reverb
Speaker Units	1 × 5–inch Low–Frequency Driver
	1 × 1–inch Mid/High–Frequency Driver
Dimensions	217 × 187 × 182 mm
Net Weight	2.95kg
Battery Capacity	1 × 2550mAh
Power Supply	AC: 100V ⎓ 240V
	DC: 26V ⎓ 2.5A

Product structure





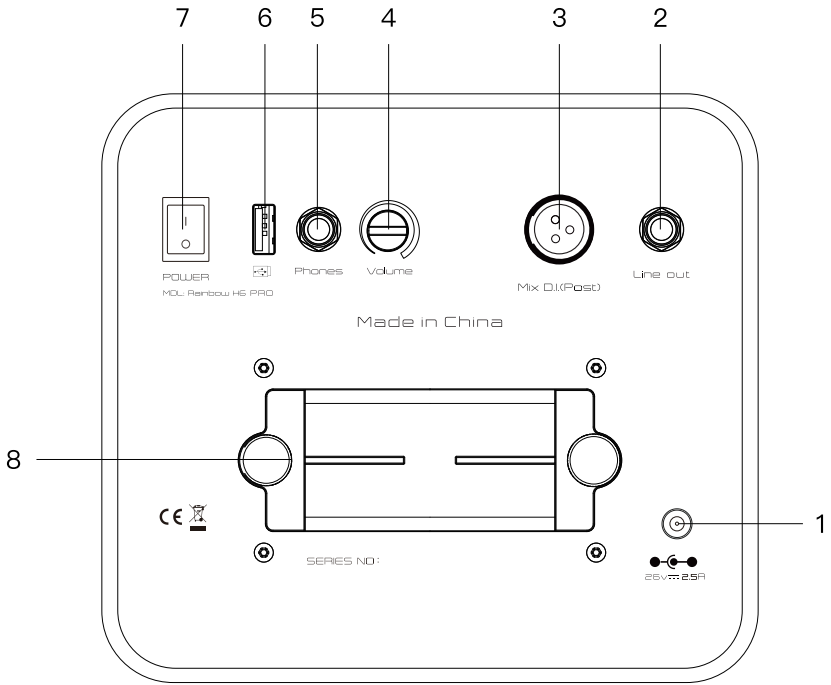
Front Panel Function Introduction (I)



Front Panel Function Introduction (II)

No.	Name	Description
	Main Control Module	
①	Battery Level Indicator	White: 100%, Blue: 75%, Green: 50%, Red: 25%, Flashing Red: 0%.
②	Master Volume Control	Controls the overall volume level.
④	USB-C Port for Live Streaming	Connects to a mobile device for live streaming and internal recording.
⑮	Bluetooth Control Knob	Press and hold for 3 seconds to turn Bluetooth on or off. Turn left or right to select the previous or next track.
⑯	Bluetooth Indicator	Flashing white: ready to pair. Solid white: Bluetooth connected. Red: USB flash drive connected.
⑰	AUX IN Volume Control	Adjusts the volume for audio input via USB/3.5mm auxiliary.
⑱	3.5mm AUX IN	Connects mobile phones or other audio devices.
	Channel 1	
⑤	Mic/Instrument Input	Connects a microphone, guitar, or other compatible audio source via the combo XLR/TRS input.
③	Hi-Z Input Selector	Released: line input. Pressed: high-impedance instrument input.
⑫	Gain Control	Adjusts the input gain for Channel 1/2.
⑬	Effect Control	Adjusts the effect for Channel 1.
⑭	Tone Control	Adjusts the tone for Channel 1.
	Channel 2	
⑥	Mic/Instrument Input	Connects a microphone, guitar, or other compatible audio source via the combo XLR/TRS input.
⑦	Channel 2 Mic/Line Selector	Press to toggle between mic and line input for Channel 2.
⑧	Gain Control	Adjusts the volume for Channel 2.
⑨	Bass Control	Adjusts the low frequency for Channel 2.
⑩	Treble Control	Adjusts the high frequency for Channel 2.
⑪	Effect Control	Adjusts the effect for Channel 2.

Rear Panel Function Introduction (I)



Rear Panel Function Introduction (II)

No.	Name	Description
①	DC Power / Charging Input	Connects the power adapter for battery charging or DC operation.
②	Line Output	Outputs a line-level signal through a 6.35 mm jack.
③	Balanced Output	Connects to a mixing console or audio interface.
④	Headphone Volume Control	Adjusts the headphone monitoring volume.
⑤	Headphone Monitor Output	Connects stereo headphones with a standard 6.35 mm plug.
⑥	USB Port	Connects a USB flash drive for audio playback.
⑦	Power Switch	Turns the power on or off.
⑧	Rechargeable Battery	A removable and replaceable rechargeable battery pack.

⚠ Operating Precautions

1. Connect the power adapter to the speaker before plugging it into an AC outlet.

2. Before powering on, switch off all connected equipment and set the Master Volume and all Channel Gain controls to minimum.

3. Use a moderate volume level. Do not set both the Channel Gain and Master Volume controls to maximum, as this may damage the speaker system.

4. After extended use, allow the speaker to cool before operating it again.

5. Do not use or store the speaker in humid, hot, or extremely cold environments.

6. Keep the enclosure and ventilation openings clean and unobstructed.

7. If a malfunction occurs, stop using the speaker immediately and contact qualified service personnel.



Precautions

Usage Limitations

- Do not place this product on an unstable, damp surface, or near open flames or heat sources (such as stoves).
- Avoid placing the product near devices that may cause interference.
- Only use the power adapter and battery supplied with the product. Do not use non-original chargers or batteries.

Cleaning & Maintenance

- Do not submerge this product in water or expose it to moisture.
- Avoid using hard objects to wipe the surface, as this may cause scratches.
- Use a soft cloth for cleaning.

Power Supply Precautions

- Only use the provided power adapter and cable supplied with this product.
- If the power adapter or cable is damaged, replace it with the original adapter and cable to prevent insufficient power supply or damage to the circuit board.
- Do not excessively twist, bend, or pull the AC power cord, as this may expose or break the internal wiring.
- Do not use the power adapter and cable provided with this product on other devices.
- Do not allow children to operate this product alone. Keep it out of reach of infants to prevent risks of electric shock or burns.
- Do not insert or remove the power adapter plug with wet hands to avoid electric shock or injury.

Battery Precautions

- Do not disassemble the built-in rechargeable battery pack.
- Only use the original rechargeable battery pack provided with the product.
- Do not subject the rechargeable battery pack to impact or external force.
- Please charge the speaker when the battery level is below 20%.
- If the product will not be used for an extended period, recharge periodically to prevent battery damage.

Operating Environment

–As this product has a wooden structure, avoid using it in humid or direct sunlight conditions to prevent the enclosure from cracking.

Additional Precautions

– Do not drop the product or strike it against hard objects, as this may cause injury or malfunction.
– Do not use the product if it is structurally damaged to avoid injury or other accidents.
– Do not modify or attempt repairs. Only qualified technicians should perform repairs to prevent fire, electric shock, or injury.
– If any abnormality or malfunction occurs, stop using the product immediately to avoid fire, electric shock, or injury.

Troubleshooting and Issues

– Abnormal heating of the power cord, power adapter, or plug during use.
– Smoke emission or a burning odor from the speaker.
– Cracking, looseness, or unusual sounds from any part of the speaker.
– Other abnormalities or malfunctions.

FCC Compliance 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.
Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Precautions

I. Warranty Policy

Type	Warranty Coverage	Warranty period
Main Unit	Speaker Components	1 year
Accessories	Power Adapter / Power Cable / Battery	1 year

II. About Warranty

1. The product's serial number and warranty card number serve as proof of warranty.
2. The warranty period starts from the date the customer receives the product.
3. Backpack, mobile device connection cables, and packaging materials are not covered under warranty.

III. Non-Warranty Coverage

1. Damage caused by improper transportation, usage, maintenance, or storage by the customer.
2. Damage resulting from repairs by unauthorized service centers, including self-installation or disassembly by the customer.
3. Lack of warranty card, serial number, or valid proof of purchase, or inability to verify the product is within the warranty period.
4. Tampering with or alteration of the product's serial number.
5. Damage due to unavoidable natural disasters.
6. Product exceeding the warranty period.

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