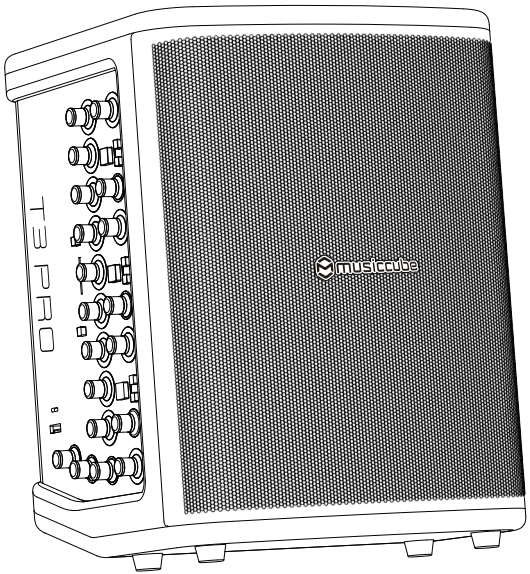
musiccube



User Manual

Musiccube T3 Pro

Multifunctional Portable PA System

Thank you for choosing and purchasing the Musiccube T3 Pro.

Product Introduction

Thank you for choosing the Musiccube T3 Pro.

The T3 Pro is a multifunctional portable PA system designed for live performances, outdoor events, and mobile sound reinforcement applications. It features two 5 × 7-inch elliptical low-frequency drivers and four 2-inch mid/high-frequency drivers arranged in an acoustically coaxial design. This configuration allows the drivers to work together as a coherent sound source, delivering balanced coverage, clear sound reproduction, and consistent performance across the listening area.

The integrated three-channel mixer supports microphones, instruments, and line-level audio sources. Each channel provides independent gain, three-band EQ, effect level adjustment, and selectable input modes, allowing users to optimize the sound for different audio sources and performance requirements.

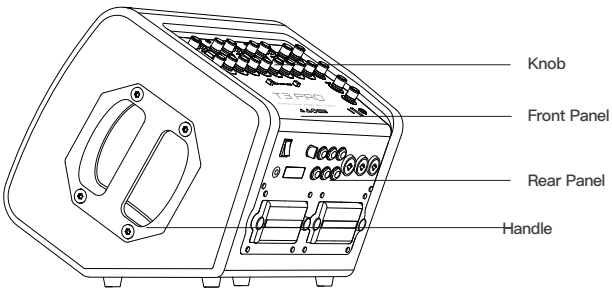
Powered by an ADI high-fidelity digital signal processor, the T3 Pro delivers accurate signal processing, detailed sound reproduction, and a natural tonal response. Three selectable operating modes allow the system to be quickly adjusted for different performance and music playback scenarios.

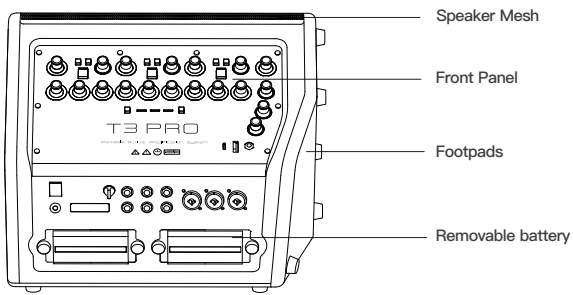
Continue enjoying the exceptional experience with the Musiccube T3 Pro!

Specifications

Model: Musiccube T3 Pro
Power: Peak Power: 350W/Rated Power: 260W
Frequency Response: 50hz-20khz
Audio Inputs: 3 x Microphone/Line Inputs (XLR/TRS)
1 AUX Input (3.5mm)
1 Bluetooth Input
1 USB Input
1 Stereo Line Input
Driver Units: 2 x 5"x7" Low-Frequency Drivers
4 x 2" Mid-High Frequency Drivers
Preset Modes: Mute / Live / Music
Effects: Reverb 1 / Reverb 2 / Delay / Chorus
Additional Features: OTG Live Streaming / Stereo Linking / Balanced Output / Headphone Monitoring
Dimensions: 270 x 285 x 357mm
Weight: 8.65kg (without power supply))
Battery Capacity: 4850mAh x 2
Power Supply: AC：100V⎓240V (Power Supply)
DC：26V⎓4.8A (Internal Battery)

Product structure



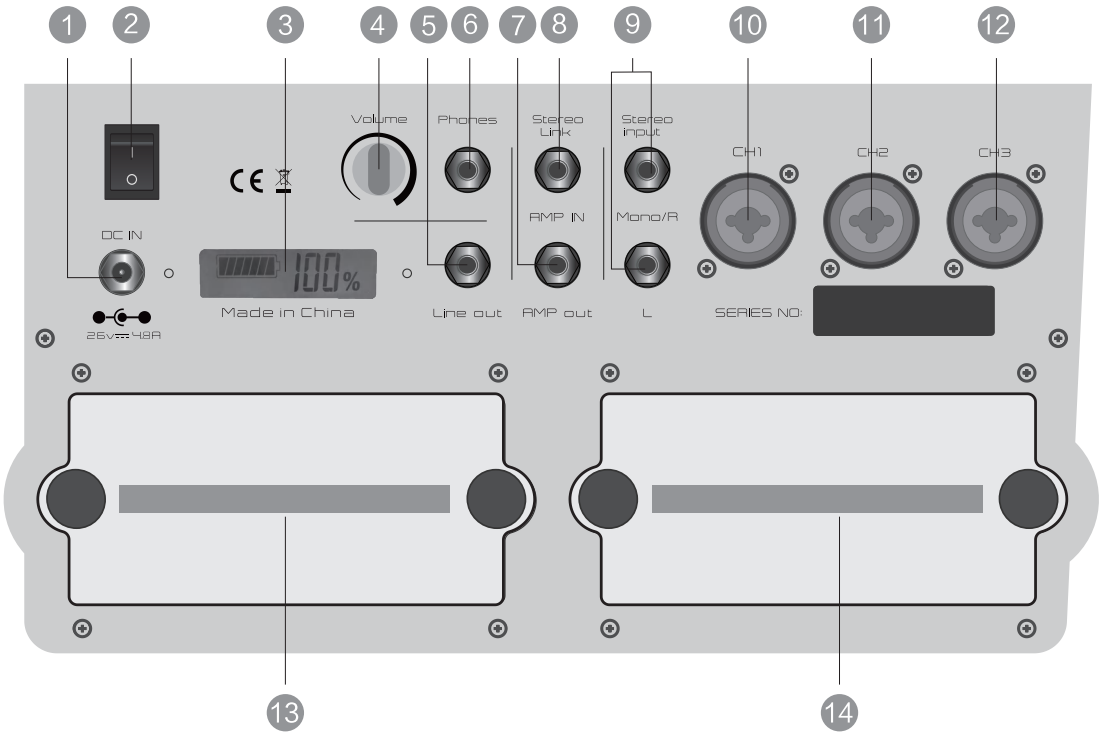


Front Panel Function Introduction (I)

Front Panel Function Introduction (II)

No.	Name	Description
	Main Control	
①	Live Streaming via USB-C	Connect the USB-C input for live streaming with audio and mobile devices.
②	USB Port	Connects to a USB storage device to stream music files.
③	3.5mm AUX IN	Connects mobile phones or other audio devices.
④	AUX IN Volume Control	Adjusts the volume for audio input via USB/3.5mm auxiliary.
⑤	Bluetooth/USB Control Knob	Press and hold for 3 seconds to power on Bluetooth, Rotate the knob to skip tracks, Press to pause/play.
⑥	Bluetooth Indicator	Indicates Bluetooth connection status. Flashing indicates readiness to connect.
⑦	Effect Selector	Selects the applied audio effect.
⑧	Master Volume Control	Controls the overall volume level.
	Channel Controls	
⑯ ㉕ ㉞	Channel Gain Control	Adjusts channel gain. Turn left to decrease, right to increase.
⑨ ⑱ ㉗	Effect Volume Control	Adjusts effect volume. Turn left to decrease, right to increase.
⑩ ⑲ ㉘	High EQ Control	Adjusts high frequency. Turn left to decrease, right to increase.
⑮ ㉔ ㉝	Mid EQ Control	Adjusts mid frequency. Turn left to decrease, right to increase.
⑰ ㉖ ㉟	Low EQ Control	Adjusts low frequency. Turn left to decrease, right to increase.
⑬ ㉒ ㉛	Mic/Line Input Selector	Switches between microphone and line input. Press to toggle.
⑪ ⑳ ㉙	Hi-Z Input Selector	Switches between high and low impedance input.
⑭ ㉓ ㉜	HD Enhancement Button	Turns HD sound enhancement on or off.
⑫ ㉑ ㉚	HD Indicator	Lights when HD enhancement is active.
	Mode Selector	
㊱	Mute Button	Press to mute/unmute the audio system.
㊲ ㊳ ㊴	Mode Indicator	Indicates the current audio mode.
㊵	Mode Selector Button	Press to switch between Mute, Live, and Music modes.

Rear Panel Function Introduction (I)



Rear Panel Function Introduction (II)

No.	Name	Description
①	Charging Port	Connects the power adapter for battery charging or DC operation.
②	Power Switch	Turns the power on/off.
③	Battery Level Display	Displays the current battery level.
④	Headphone Volume Control	Adjusts the volume level for headphone output.
⑤	Line Output Jack	Connects to other audio equipment via 6.35mm output jack.
⑥	Headphone Output	Use the 6.35mm jack to connect headphones.
⑦	Stereo Link Output	Connects headphones with a standard 6.35 mm plug.
⑧	Stereo Link Input	Receives an audio signal from another speaker for stereo linking.
⑨	Stereo Line Input	Accepts a stereo line-level signal through the L and Mono/R inputs.
⑩	Channel 1 Input Jack	Input for microphone, guitar, or other audio devices.
⑪	Channel 2 Input Jack	Input for microphone, guitar, or other audio devices.
⑫	Channel 3 Input Jack	Input for microphone, guitar, or other audio devices.
⑬ ⑭	Removable Battery Packs	Each battery pack can be charged separately and replaced as needed.

*The device connection interface is balanced (XLR/TRS). Please check the wiring diagram of the connected device before making the connection.

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.

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

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

–Reorient or relocate the receiving antenna.

–Increase the separation between the equipment and receiver.

–Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

–Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

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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