

Meteer

User Manual V1.0



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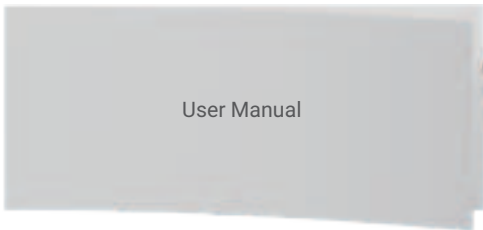
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In the Box

Meteer



User Manual



Reset Needle



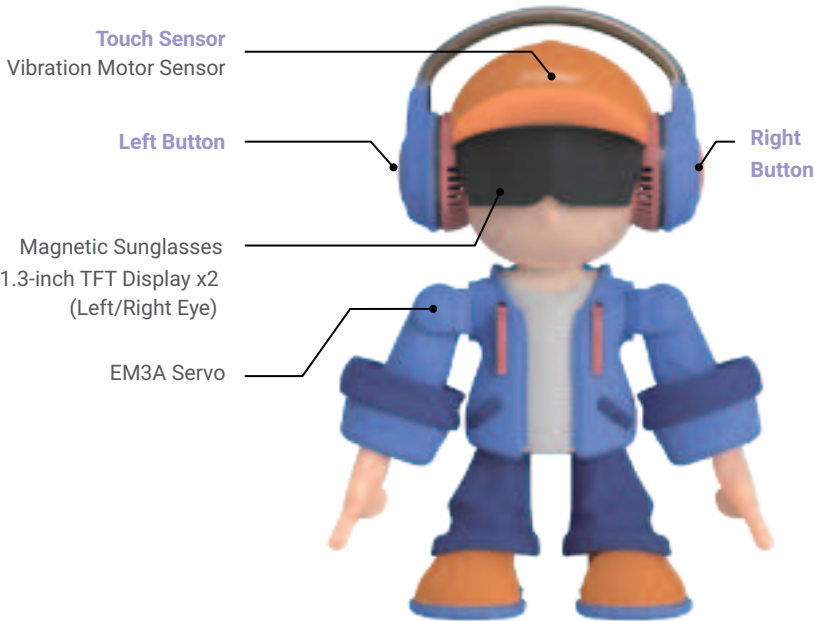
Type-C USB Cable

1. Get to Know Meteer

Dance, Music, and AI: Bring Joy Home.

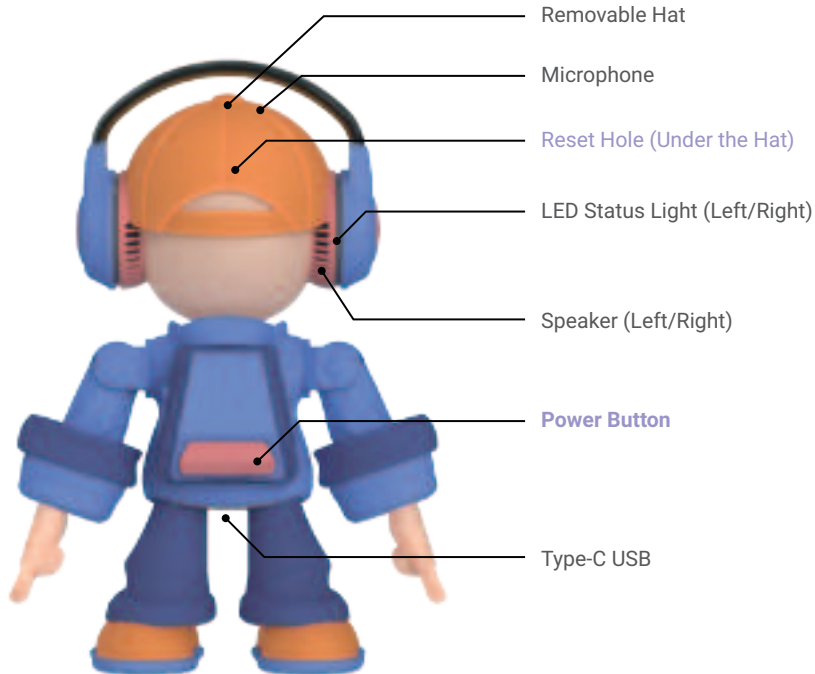
Equipped with an AI chip and cutting-edge technology, Meteer trendy desktop robot features a uniquely crafted design. Its flexible body, exquisite lines, and **stylish colors**, paired with **vibrant eyes & expressions**, allow it to instantly become the focal point whether placed on an office desk or a bedside table, adding a touch of futurism and technological charm to the entire space.

2. Body & Button



Meteer Trendy Desktop Robot energizes you with **music, dance, and a powerful brain!** Meteer also serves as an excellent life assistant, featuring voice interaction capabilities that allow it to understand your questions and provide accurate answers. Whether it's for information queries, content writing, or casual conversation, it handles everything with ease. It can be a companion during work or study, adding a touch of fun to monotonous moments.

The design of Meteer is inspired by garage kit culture, featuring a unique and personalized appearance that showcases a vibrant and creative sense of artistic fashion.



3. Network Configuration & Activation

3.1 Power ON, enter Network Configuration Mode



Long press the power button for 4s to power ON

It will enter network configuration mode and automatically search to the network.



Voice prompt

Entering distribution network status. Please use the APP to configure the network.

3.2 Network configuration, product activation

1

Download the Meter APP on the mobile device.

Meter App

Apple Store

Google Play

2

Open the Meter APP and tap "WiFi Configuration" to enter the search interface.

3

Enable Bluetooth and connect to a 2.4G Wi-Fi network (5G not supported).

Bluetooth

ON

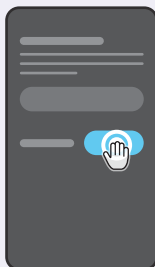
2.4G Wi-Fi

ON

- 4 Click "Search for Bluetooth Devices."

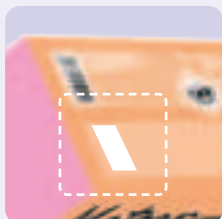


- 5 When "Meter Robot BLE" appears, click "Connect."

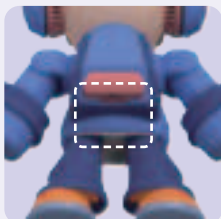


- 6 Enter the Wi-Fi password and product serial number, then click "Connect Wi-Fi."

The product serial number can be found in the following locations:



Near the packaging barcode



Near the Type-C USB port



Setting - Version Information

- 7 Connection successful.



4. Functions & Gameplay



Voice Chat
(default)



Bluetooth Mode



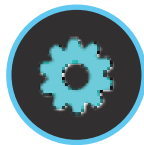
Just Dance



Voice Changer



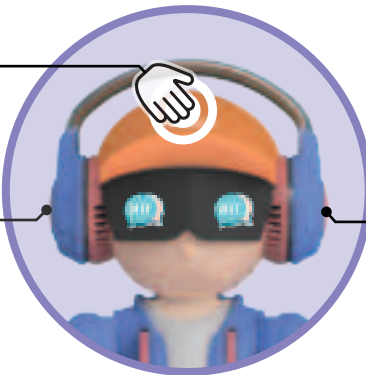
Choreography Master



Setting

Touch the head
Confirm

Short press
Switch to the
previous option.

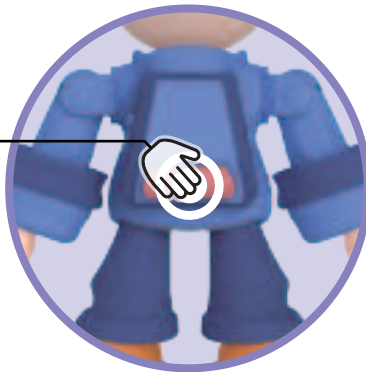


Short press
Switch to the
next option.

Long press 4s
Power ON/OFF

Short press
Return to Main Menu

Quickly double press
Torque ON/OFF



The default torque is OFF; joints will perform actions based on current status. When entering a specific function, quickly double press the power button twice to close torque, allowing the joints to move freely.

4.1 Voice Chat



Touch the head

Enter [Voice Chat] and automatically search to the network.

2 After a successful network connection: Touch the head or say "Hi Meter" to wake up or interrupt the conversation.

Note



Press the left/right button
Adjust the volume



Double press the power button
Turn ON/OFF actions

*Other than the volume prompt sound in the setting function, there are no sounds in other functions. For the best interactive experience, please **avoid lowering the volume to the minimum**.

Voice Command Library		
Learn About Meter	Hi Meter, what are your functions? Hi Meter, what will you do?	Meter will tell you about its skills.
Make Meter Move	Hi Meter, go (ahead). Hi Meter, back/backward. Hi Meter, (turn) right/left.	Meter will move according to your instructions.
Enjoy Music with Meter	Hi Meter, dance for me. Hi Meter, music.	Meter will perform songs and dances for you; the louder the volume, the more fantastic the dance.
ChatGPT	Hi Meter, what did you do today? Hi Meter, can you tell me a story? Hi Meter, how many gifts does Santa have? ...	Meter will chat with you about anything you're interested in.

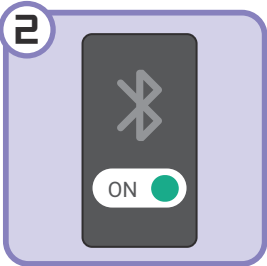
4.2 Bluetooth Mode

4.2.1 Connect Bluetooth

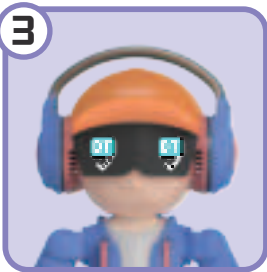


Touch the head

Enter [Bluetooth Mode] and automatically search to Bluetooth.



On the mobile device, turn ON Bluetooth and connect to the "Meter Robot" device.



Connection successful.

Voice Prompt
Connection succeeded.

After a successful Bluetooth connection, you can use Bluetooth music or Bluetooth remote control functions (P9).

Note



Press the left/right button
Adjust the volume

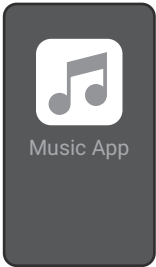


Quickly double press
the power button
Turn ON/OFF the
accompanying dance



Touch the head for the 3s
(while connecting to Bluetooth mode)
Disconnect Bluetooth

4.2.2 Bluetooth Music



After a successful Bluetooth connection, open the music app on the mobile device.

While playing music, Meterer will dance to the rhythm.
The louder the volume, the more fantastic the dance.

Button Interaction

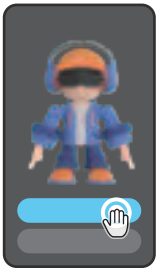


Touch the head
Play/Stop Music
Answer/Hang Up Call



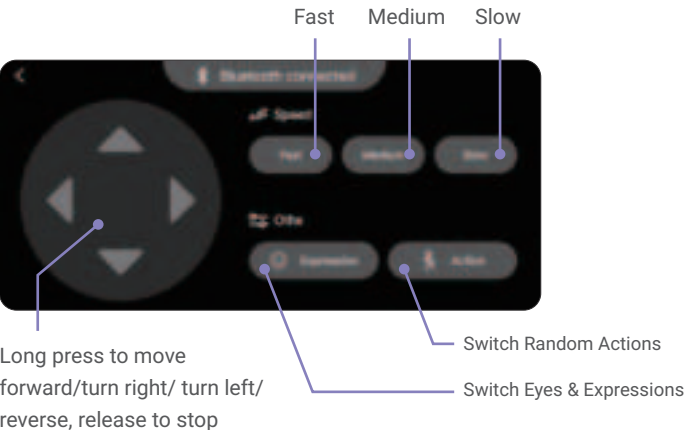
Long Press Left/Right Button
Switch Music

4.2.3 Bluetooth Remote Control



After a successful Bluetooth connection, open the Meterer APP on the mobile device and tap "Bluetooth Remote Control" to enter the remote control interface.

*When using Bluetooth remote control, the accompanying dance feature of Bluetooth music and **Button Interaction** are disabled; only the Music App can control the music.



4.3 Just Dance



Touch the head
Enter [Just Dance]



Press the left/right button
Select a dance style



Real-time Beat Style



Normal Style

└ Touch the head, confirm.



Touch the head
Start playing a song

Note



Touch the head
Switch to a
random song



Quickly double press
the power button
Turn ON/OFF
accompanying dance



Press the left/right button
Adjust the volume

While playing music, Meter will
dance to the rhythm.
The louder the volume, the
more fantastic the dance!

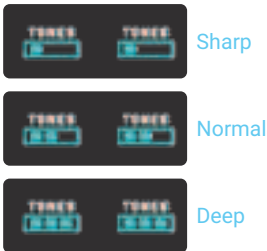
4.4 Voice Changer



Touch the head
Enter [Voice Changer]



Press the left/right button
Select the voice tone



└ Touch the head, confirm.



Deep Voice
Tone

Hey, ready for a dance challenge?



Meteer

Hey, ready for a dance challenge?

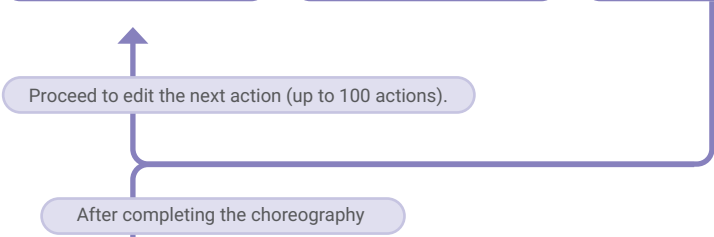
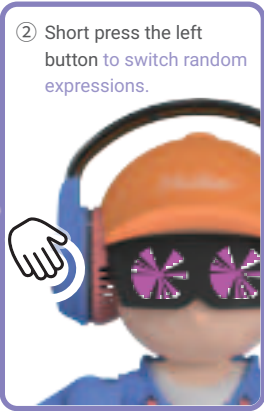


4.5 Choreography Master



Touch the head
Enter [Choreographer Master]

2 Choreography Steps



Touch the head
Play the dance you just edited, accompanied by background music.

4.6 Setting



Touch the head
Enter the [Setting] interface



Press the left/right button
Switch options



└ Touch the head, enter the setting submenu.

Setting Submenu		
	Ambient Light Color	Press the left/right button to switch the light, touch the head to confirm, and return to the previous option.
	Volume	Press the left/right button to adjust the volume, touch the head to confirm, and return to the previous option.
	Wi-Fi Connection	Touch the head to confirm the network reconfiguration. The configuration process is the same as described in P4-5. After completing the configuration, the device will automatically enter [Voice Chat].
	Battery Level	Check the current battery level.
	Version Information	Check the current firmware version number and SN code.
	OTA	Cloud firmware upgrade(P14).

4.6.1 OTA



Touch the head
Enter [OTA]

Voice Prompt

Warm reminder the OTA upgrade is coming.
To avoid upgrade failure due to insufficient power, please plug in the charger before upgrading.



Type-C USB
Insert the charger, it will automatically search for new firmware.

3 After the search is complete

If new firmware is available

If no new firmware is available



Voice Prompt

Please confirm whether to perform firmware upgrade operations.

Touch the head, confirm the upgrade.
The device will automatically shut down after completing the upgrade, and the new firmware will run the next time it is powered ON.



After the prompt plays, it will return to the previous option

5. Safety Statement

5.1 Precautions

5.1.1 Charging

The recommended charging time is 70 minutes.



Not Fully Charged



Fully Charged

You can wake it up by touching the head during sleep mode.



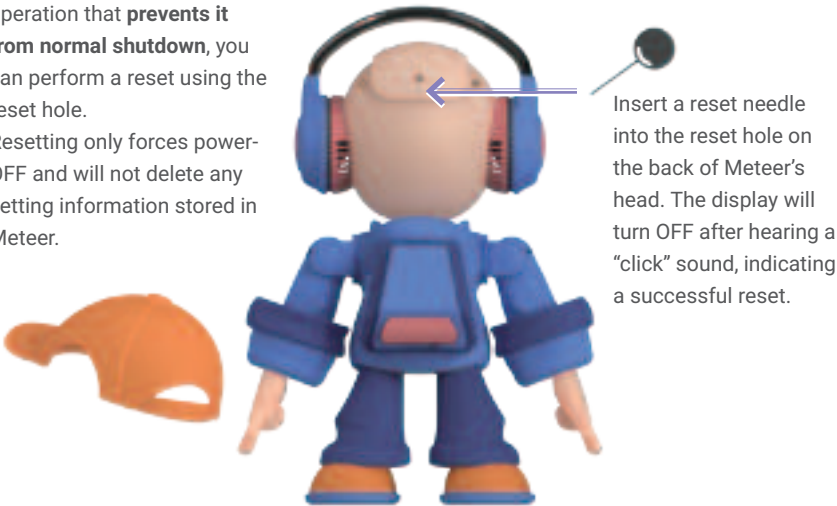
Low Battery
A notification will indicate low battery, followed by shutdown.



5.1.2 Hard Reset

If an anomaly occurs during operation that **prevents it from normal shutdown**, you can perform a reset using the reset hole.

Resetting only forces power-OFF and will not delete any setting information stored in Meter.



5.1.3 Troubleshooting

[1] Abnormal Freezing

If Meteer experiences freezing, check if there are any incomplete operations or improper operations in the current process, causing an inability to proceed to the next step;

If the operation is correct, try pressing the power button to return to the main menu;

> If unable to return to the main menu, try powering OFF and then restarting;

> > If unable to power OFF, try resetting it using a reset needle.

[2] Unable to Connect to the Network

If Bluetooth devices cannot be found, check if Bluetooth is turned ON on the mobile device.

> If it is turned ON, check if it is being used by another mobile device.

> > If the network connection fails, ensure the WLAN connected to the mobile device is 2.4G (5G is not supported);

> > > If it is 2.4G, try switching to a mobile hotspot.

[3] Bluetooth Remote Control Not Working

If the app shows no response when clicking "Bluetooth Remote Control", check if Bluetooth is turned ON on your phone;

> If Bluetooth is turned ON, and "Bluetooth not connected" is promoted after entering "Bluetooth Remote Control," please confirm that Meteer is in [Bluetooth Mode].

> > If Meteer voice prompt says "Bluetooth connected," it may be connected to another mobile device. Please turn OFF Bluetooth on other devices and try again.

[4] Firmware Upgrade Failure

If the firmware upgrade progress bar is stuck, it may be due to an unstable network.

Please try to reconnect and upgrade using a mobile hotspot.

> If you cannot return to the main menu, try turning it OFF; if you cannot turn it OFF, please try to perform a hard reset.

[5] No Accompanying Dance

If there are no dance movements while music is playing, it may be due to the volume being too low. Please turn the volume up to maximum.

> If this does not work, the torque may be closed. Quickly double press the power button to open torque.

5.2 Specifications

Size:

230.6 x 154 x 117.5 mm

Weight:

590 g

Material:

ABS + PC + Food-grade Silicone

Display:

1.3" 240 x 240 TFT *2pcs

Servos:

EM-3A *11pcs

Speakers:

4Ω 2W *2pcs

Microphone:

2- Microphone Array

Audio Processor:

Double core RISC 32-bit CPU, 320 MHz

Co-Processor:

Cortex M4, 168 MHz

Memory:

SD NAND: 4 GB

Wi-Fi:

Only supports 2.4G

Input Power:

USB Type-C; 5V 2A

Charging Time:

Approx 70 minutes (25° C) from empty to fully charged

Battery Capacity:

2500 mAh Lithium-ion rechargeable battery

Operating Time:

Approx 2 hours of continuous use in a fully charged state
* May shorten depending on usage and setting (such as volume)

Operating Temperature:

-20 ~ +60° C

5.3 Security Instructions

Avoid Swallowing: Ensure that the product is suitable for the appropriate age group, prevent small parts from being accidentally swallowed by children.

Stable Placement: Place the product on a stable surface to avoid falls or tilting.

Keep Away from Liquids: Avoid placing the product in damp environments to prevent circuit damage.

Regular Inspection: Check regularly for any damage or wear to ensure safe use.

Battery Safety: Follow proper charging procedures to avoid leakage or short circuits.

5.4 Maintenance

Regular Cleaning: Use a soft cloth to clean the product regularly, preventing dust accumulation.

Avoid Chemical Cleaners: Do not use harsh chemical cleaners during cleaning to avoid damaging the surface.

Storage Environment: Store the product in a dry, cool place, away from direct sunlight.

Check Connections: Check regularly for all cables and connection components to ensure there are no loose or damaged parts.

Follow Instructions: Always operate and maintain the product according to the guidelines in the user manual.

5.5 Warranty Policy

We are committed to providing the following warranty services for this product:

Warranty Period: This product has a warranty period of 90 days from the date of purchase.

Warranty Coverage: The warranty covers defects caused by materials or workmanship. Issues arising from normal use will be repaired or replaced free of charge.

Exclusions from Warranty Coverage:

- Damage caused by misuse, abuse, accidental damage, unauthorized modifications, or repairs.
- Issues resulting from failure to operate or maintain the product according to the user manual.
- Normal wear or tear and aging.

Warranty Process: Please contact the customer service team within the warranty period, providing proof of purchase and a description of the issue.

Cost Information:

- Repairs or replacements that meet warranty conditions will be provided free of charge within the warranty period.
- Services beyond the warranty period or those not meeting warranty conditions will incur relevant charges based on the specific situation.

5.6 Regulatory Compliance



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.

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.

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

Radiation Exposure Statement

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 and your body.



This device complies with the EU Radio Equipment CE Certification RED Directive 2014/53/EU basic requirements and other relevant regulations.

EN71

The EUT described above has been tested by us with the listed standards and found in compliance with the council directive 2009/48/EC. It is possible to use CE marking to demonstrate the compliance with this directive 2009/48/EC.

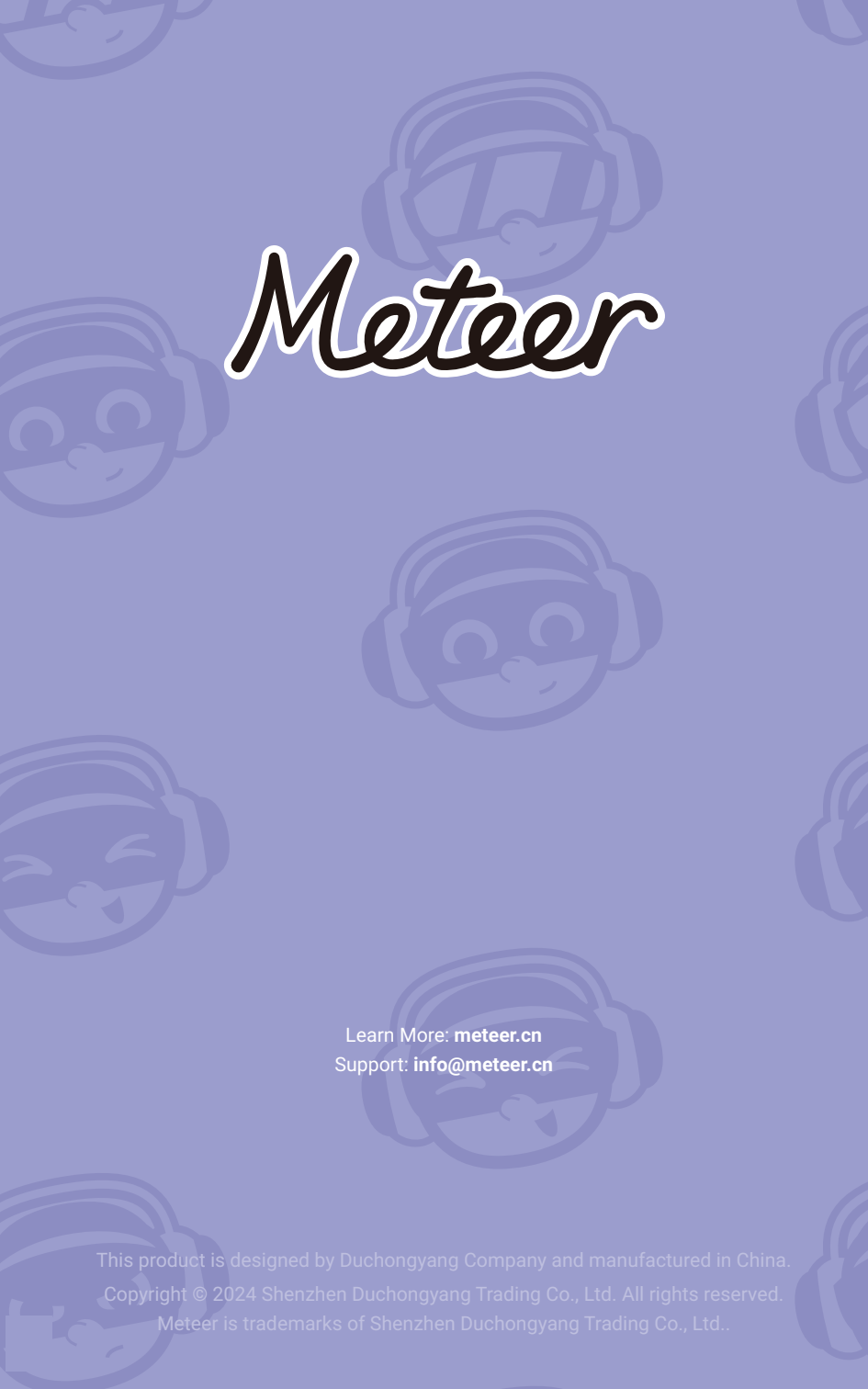


This device complies with the CPC certification for toys in the United States.



Directive (EU) 2017/2102.

The Certificate of Compliance is based on a test procedure or an evaluation of the above-mentioned product. This is to certify that the above-mentioned product is in compliance with the ROHS 2.0 Directive -2011/65/EU Annex I (EU) 2015/863 as last amended by Directive (EU) 2017/2102.

The background is a solid light purple color. It features a repeating pattern of cartoon characters' heads. Each character is wearing large, dark purple headphones and has a simple, friendly expression with a small smile. The characters are rendered in a lighter shade of purple than the background, creating a subtle, textured effect.

Meteer

Learn More: meteer.cn
Support: info@meteer.cn

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