



USER *Donner Music* **MANUAL**

DONNER MT-1 PA SPEAKER **MT-1**

Thank You for Choosing DONNER!

Please Read This Manual Carefully Before Use.

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TO THE USER

Thank you very much for your support of our high-end products. To achieve the best performance and to fully utilize all the functions provided by this device, please read this manual carefully before using it. If you have any questions, please contact your local dealer or our company directly.

Please keep this manual for future reference.

The contents marked with "***" in this manual are optional features.

SAFETY WARNINGS

- **Power Cord Protection:** Do not squeeze or step on the power cord to avoid damaging the insulation, which could cause electric shock.
- **Water and Fire Prevention:** Do not expose the device to rain or moisture. Do not place liquids or flammable objects around the device to prevent risks such as electric shock, fire, or explosion.
- **Ventilation and Heat Dissipation:** Do not block the ventilation holes, as it may lead to poor heat dissipation and affect the performance and lifespan of the device.
- **Handling Abnormal Situations:** If the device suddenly emits smoke or exhibits other abnormal phenomena, immediately unplug the power plug to prevent accidents, and contact your local dealer for repairs.
- **Battery Protection:** Do not expose the battery or battery pack to direct sunlight, fire, or similar overheated environments.
- **Power Adapter:** The power adapter plug provided with this product serves as a disconnect device from the power grid and must be easily accessible.
- **Do Not Play While Charging:** It is recommended not to use the device for playback while charging.

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MAIN TECHNICAL SPECIFICATIONS

Item	Parameters
Product Model	Donner-MT1
Sensitivity	500mV ± 50mV
Signal-to-Noise Ratio	≥71dB
Frequency Response	30Hz-20kHz
Power Supply	18V=-2A

Item	Parameters
Bass Speaker	8-inch / 2Ω
Treble Speaker	2.5-inch / 4Ω * 2
Battery Capacity	12V 5500mAh
Product Weight	8.5kg
Power Input	18V DC 2A

Note: Continuous improvements may cause design specifications and functions to change.

COMMON FUNCTION INSTRUCTIONS

Wireless Bluetooth Instructions and Precautions

- In the power-on state, press the input selection button to switch to Bluetooth mode.
- Use a Bluetooth device (e.g., mobile phone) to scan and connect to this device. If unable to connect, restart the Bluetooth device or this unit and try again.
- To ensure continuous and stable Bluetooth signal, keep the product and Bluetooth device free from obstacles or interference.
- This unit supports wireless audio transmission for iPad, iPhone, Samsung, and other Bluetooth devices (4.0+ EDR version). The Bluetooth usage range is 10 meters without obstructions.

Charging Instructions

- When the battery is low, use the original charging cable to charge it in time. After fully charged, continue charging for an additional 1-2 hours. Charging time is 6-8 hours (for reference only, charging time may vary depending on power and charging environment).
- After fully charged, the usage time can be 4-8 hours. If not used for a long time, the battery must be fully charged first, and it must be charged once every month, otherwise, the battery may be damaged.
- If the battery is low, charge it within 48 hours. When the battery is not in use for an extended period, ensure it has some power to avoid battery damage.

USB Flash Drive Usage Instructions

- Format the USB flash drive to FAT 32 format on a computer.
- The system arranges data based on the creation time of the files.
- Copy MP3 or WMA files to the root directory of the USB flash drive. It is recommended to delete unnecessary files and directories to speed up reading and reduce reading errors.

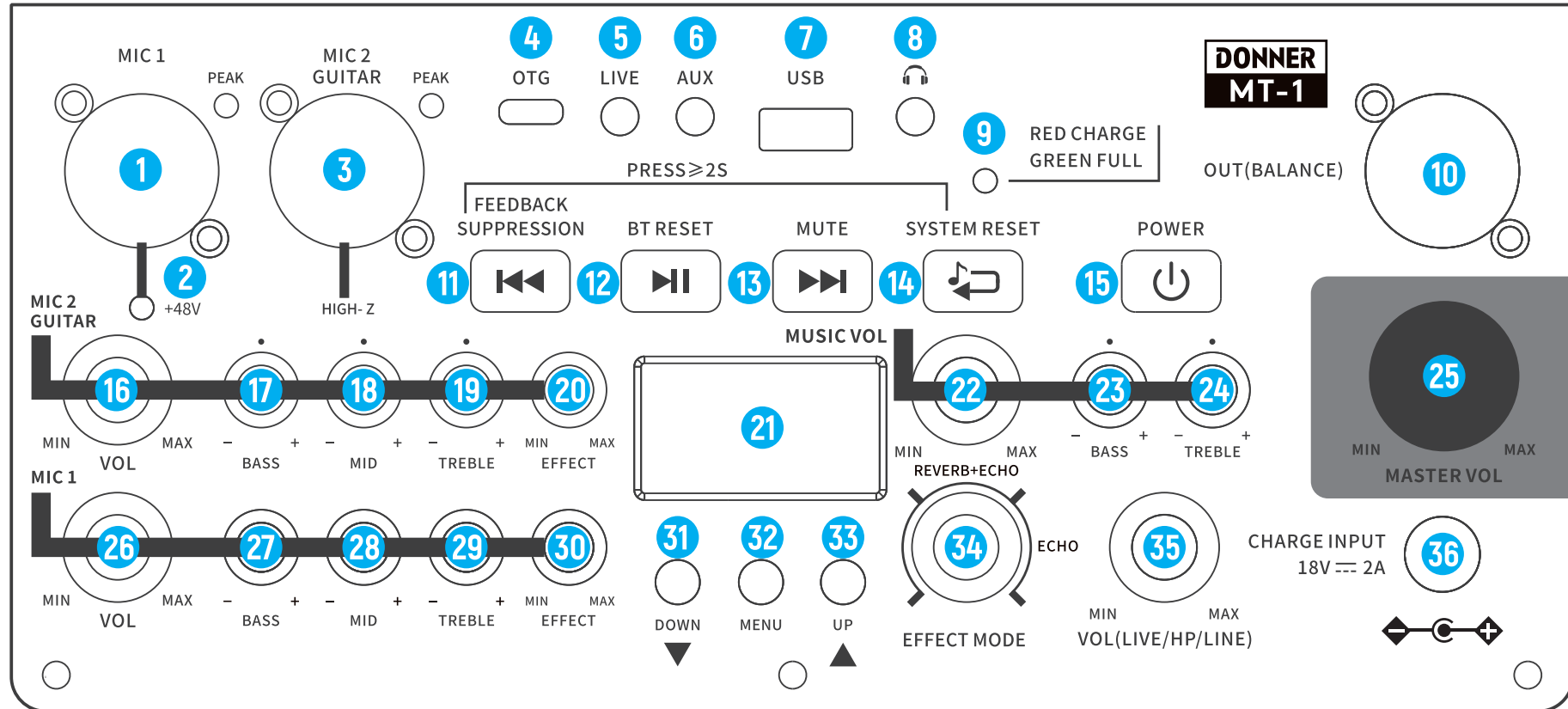
* Built-in Recording Function Instructions *

- Insert an external storage device USB flash drive and press the recording button to enter recording mode. The system will automatically create a folder named "RECORD" on the USB flash drive to store recording files, which are named incrementally as "REC001", "REC002", etc.
- Press the input selection or playback button to exit recording mode.
- If there are recording files on the USB flash drive, press the playback button to play the recording files. By default, the last recorded file is the current playback file. In this state, you can switch recording files using the previous/next buttons.

COMMON FUNCTION INSTRUCTIONS

Fault Phenomenon	Possible Cause	Solution
No sound when power is on	<ol style="list-style-type: none"> 1. No input source. 2. Main volume is at minimum. 	<ol style="list-style-type: none"> 1. Connect the input source. 2. Adjust the main volume.
Distorted sound	<ol style="list-style-type: none"> 1. Main volume too high. 2. Speaker may be damaged. 	<ol style="list-style-type: none"> 1. Lower the main volume. 2. Check if the speaker is damaged and repair if necessary.
No sound in karaoke	<ol style="list-style-type: none"> 1. Microphone not connected properly. 2. Microphone not turned on. 3. Microphone volume at minimum. 4. Wireless microphone battery low. 	<ol style="list-style-type: none"> 1. Reconnect the microphone. 2. Turn on the microphone. 3. Adjust the microphone volume. 4. Replace the wireless microphone battery.
No MP3 sound	<ol style="list-style-type: none"> 1. Incorrect USB flash drive file format. 2. Operation confusion causing program disorder. 3. Incorrect USB flash drive format. 	<ol style="list-style-type: none"> 1. Convert to a supported format. 2. Restart the device. 3. Format the USB flash drive to FAT 32.
Short usage time after full charge or only works when connected to adapter	<ol style="list-style-type: none"> 1. Battery damaged. 2. Battery connection loose/disconnected. 3. Insufficient charging. 	<ol style="list-style-type: none"> 1. Replace with the same type of battery. 2. Contact local dealer for service. 3. Fully charge before use.
No response to operation	System enters a dead loop.	Turn off and restart.

CONTROL PANEL FUNCTIONS



CONTROL PANEL FUNCTIONS

- 1 **Balanced combo microphone input port** (with +48V phantom power output, compatible with condenser microphones)
- 2 **+48V Phantom Power Indicator Light**
- 3 **Balanced combo microphone/instrument input port**
- 4 **Type-C Interface:** Supports OTG live streaming function
- 5 **3.5 Wired Live Interface:** Supports wired live streaming function
- 6 **3.5 Stereo Input Interface:** Supports various audio inputs (e.g., DVD, mobile phone, tablet, TV, computer, etc.)
- 7 **USB Interface:** Supports direct U-disk music playback
- 8 **3.5 Stereo Headphone Interface**
- 9 **Charging Indicator Light:**
Red when charging, green when fully charged
- 10 **Balanced Line Output Port**
- 11 **Previous Track Button:** Short press for the previous track, long press for anti-howling on/off
- 12 **Play/Pause Button:** Short press to pause/resume playback, long press for Bluetooth reset
- 13 **Next Track Button:**
Short press for the next track, long press for mute on/off
- 14 **Input Selection Button:**
Short press to switch the source, long press for system reset
- 15 **Power Switch:** Long press for 3 seconds to power on/off, long press for 10 seconds to force shut down (Note: After shutting down, the power-on interval should be 10-20 seconds)
- 16 **Instrument Volume Knob:**
Turn clockwise to increase, counter clock wise to decrease
- 17 **Instrument Bass Knob:**
Turn clockwise to increase, counter clock wise to decrease
- 18 **Instrument Mid Knob:**
Turn clockwise to increase, counter clock wise to decrease
- 19 **Instrument Treble Knob:**
Turn clockwise to increase, counter clock wise to decrease
- 20 **Instrument Effect Knob:**
Turn clockwise to increase, counter clock wise to decrease
- 21 **OLED Display Screen:** Displays the current status of the speaker
- 22 **Music Volume Knob:** Turn clockwise to increase, counterclockwise to decrease
- 23 **Music Bass Knob:** Turn clockwise to increase, counterclockwise to decrease
- 24 **Music Treble Knob:** Turn clockwise to increase, counterclockwise to decrease
- 25 **Speaker Volume Knob:** Turn clockwise to increase, counterclockwise to decrease
- 26 **Microphone Volume Knob:**
Turn clockwise to increase, counterclockwise to decrease
- 27 **Microphone Bass Knob:** Turn clockwise to increase, counterclockwise to decrease
- 28 **Microphone Mid Knob:** Turn clockwise to increase, counterclockwise to decrease
- 29 **Microphone Treble Knob:** Turn clockwise to increase, counterclockwise to decrease
- 30 **Microphone Effect Knob:** Turn clockwise to increase, counterclockwise to decrease
- 31 **Menu Down Selection Button:**
Short press to adjust menu parameters downwards
- 32 **Menu Button:** Short press to select the corresponding menu function (menu functions include: anti-howling switch, microphone priority switch, +48V phantom power switch, channel 2 microphone/guitar switch, mixing switch)
- 33 **Menu Up Selection Button:** Short press to adjust menu parameters upwards
- 34 **Effect Mode Knob:** Select the corresponding effect mode (effect modes include: reverb, reverb + echo, echo)
- 35 **Live/Headphone Volume Knob:**
Turn clockwise to increase, counterclockwise to decrease
- 36 **Charging Port:**
Connect the included 18V/2A adapter to charge the speaker battery.

APP USAGE INSTRUCTIONS

1.APP Installation

- Search "Donner PA Speaker" on Google Play or Apple Store to download the app.
- Download Link:
<https://s.donnermusic.com/PASpeakerAndroid> or
<https://s.donnermusic.com/PASpeakeriOS>
- Or scan the QR Code below to download the app.



Android System



Apple iOS System

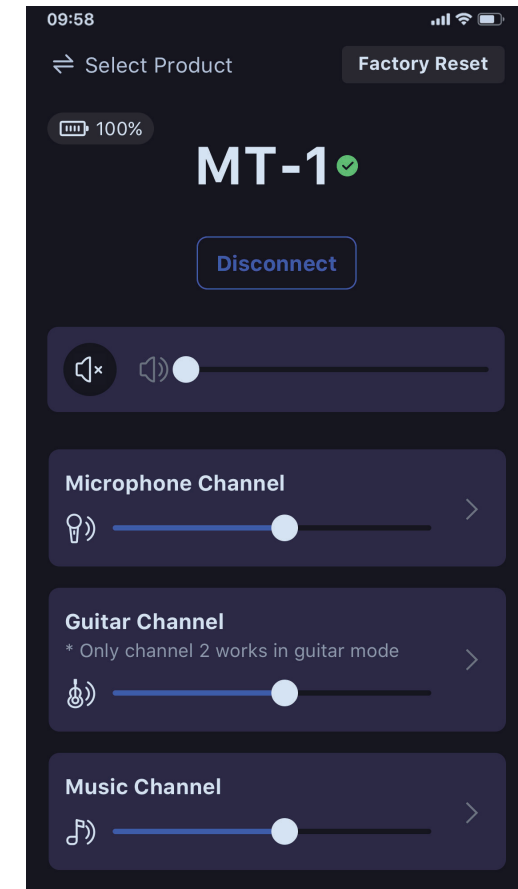
2.Entering the APP Interface

- Select the model and click to enter the corresponding interface.



3.Connecting the Device

- Click the "Connect" button, scan for Bluetooth devices, find the device named "Donner-MT1APP", and connect.
- **Note:** After successful connection, the remaining battery of the speaker will be displayed.



APP USAGE INSTRUCTIONS

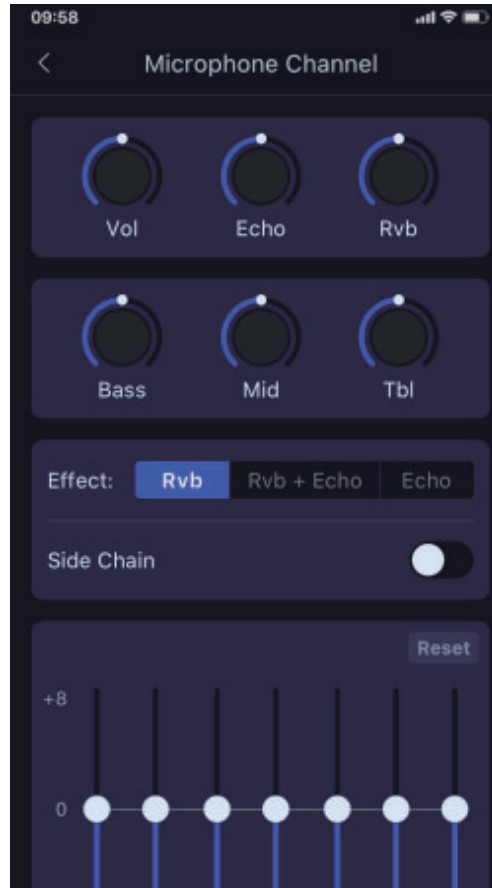
4.Factory Reset

- Clicking this will restore the device to its factory settings.

5.Function Operation Interface

- **Mute:**
Click the speaker icon to turn the mute function on/off. When adjusting the amplifier volume or music volume, the mute function will automatically turn off.
- **Microphone Channel:**
Adjust the microphone volume.
- **Guitar Channel:**
Adjust the guitar volume.
- **Music Channel:**
Adjust the music volume.

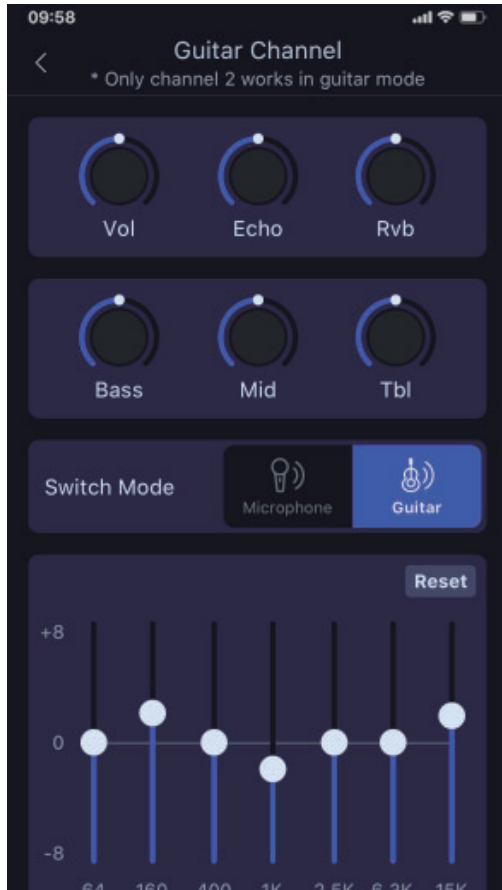
6.Microphone Channel Setting Interface



- **Microphone Volume:**
Rotate the microphone volume knob to adjust the volume.
- **Echo Level:**
Rotate the echo level knob to adjust the echo.
- **Reverb Level:**
Rotate the reverb level knob to adjust the reverb.
- **Effect Selection:**
Choose from reverb, reverb+echo, and echo effect modes.
- **Microphone Priority:**
Click the button to switch on/off.
- **EQ Equalizer:**
There are 7 EQ bands adjustable through sliders. Click the reset button to reset all 7 EQ bands to 0dB.
- **Bass Knob:**
Adjust the microphone's bass.
- **Mid Knob:**
Adjust the microphone's mid-range.
- **Treble Knob:**
Adjust the microphone's treble.

APP USAGE INSTRUCTIONS

7. Guitar Channel Setting Interface



- **Guitar Volume:**

Rotate the guitar volume knob to adjust the volume.

- **Echo Level:**

Rotate the echo level knob to adjust the echo.

- **Reverb Level:**

Rotate the reverb level knob to adjust the reverb.

- **Guitar/Microphone Switch:**

Switch between guitar and microphone mode.

- **EQ Equalizer:**

There are 7 EQ bands adjustable through sliders. Click the reset button to reset all 7 EQ bands to 0dB.

- **Bass Knob:**

Adjust the guitar's bass.

- **Mid Knob:**

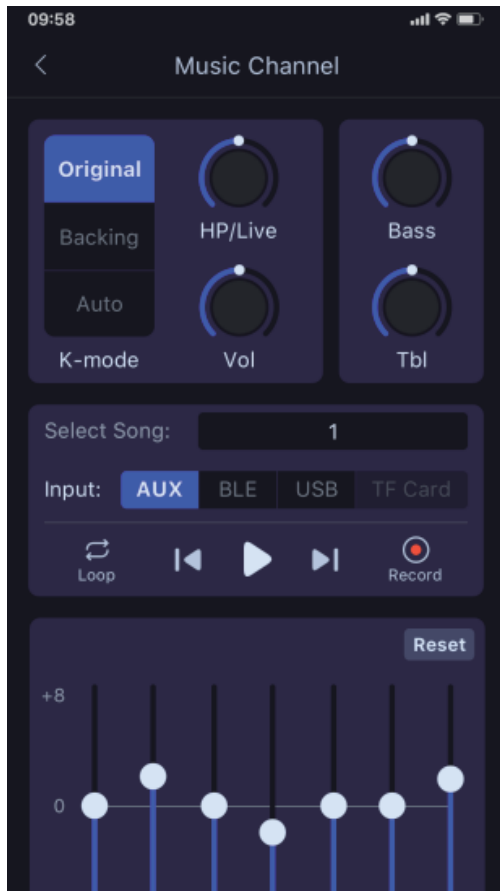
Adjust the guitar's mid-range.

- **Treble Knob:**

Adjust the guitar's treble.

APP USAGE INSTRUCTIONS

8. Music Channel Setting Interface



- **Accompaniment Mode:**

Click to switch between original, accompaniment, and automatic accompaniment modes.

- **Headphone/Live Volume:**

Rotate the headphone/live knob to adjust the volume.

- **Music Volume:**

Rotate the music volume knob to adjust the volume.

- **Song Selection:**

Enter the song number of the corresponding USB drive to play the song with the corresponding number.

- **Input Channel Selection:**

Click the AUX option to enter the AUX audio mode; Click the Bluetooth option to enter Bluetooth audio mode; Click the USB option to enter USB audio mode (USB must be inserted); click the TF card option to enter TF card audio mode (TF card must be inserted).

- **Previous/Next Track:**

Click the "<<" or ">>" button to switch.

- **Play/Pause:**

Click the ">||" button to switch between play and pause.

- **Song Loop Mode:**

Click the button to switch between single loop and all loop.

- **Recording:**

Click the button to toggle on/off (effective when a USB is inserted).

- **EQ Equalizer:**

There are 7 EQ bands adjustable through sliders. Click the reset button to reset all 7 EQ bands to 0dB.

- **Bass Knob:**

Adjust the music's bass.

- **Treble Knob:**

Adjust the music's treble.



CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN



Warning: To reduce the risk of fire or electric shock,
do not expose this appliance to rain or moisture.

FCC STATEMENT

Changes or modifications not expressly approved by the party responsible for compliance could void the users authority to operate the equipment .

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

FCC ID

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.

CE-RED

Manufacturer hereby, declares that the This products is in compliance with Directive 2014/53/EU, and this product is allowed to be used in all EU member states.



This symbol means the product must not be discarded as household waste, and should be delivered to an appropriate collection facility for recycling. Proper disposal and recycling helps protect natural resources, human health and environment. For more information on disposal and recycling of this product, contact your local municipality, disposal service, or shop where you bought this product.



Website: www.donnermusic.com
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FCC ID: 2AV7N-MT1
Radio Frequency band(s) :2402MHz-2480MHz
Maximum radio-frequency power transmitted : < 10 dBm



Manufacturer:

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