

QAT Music Server MS5&IPad USER'S MANUAL

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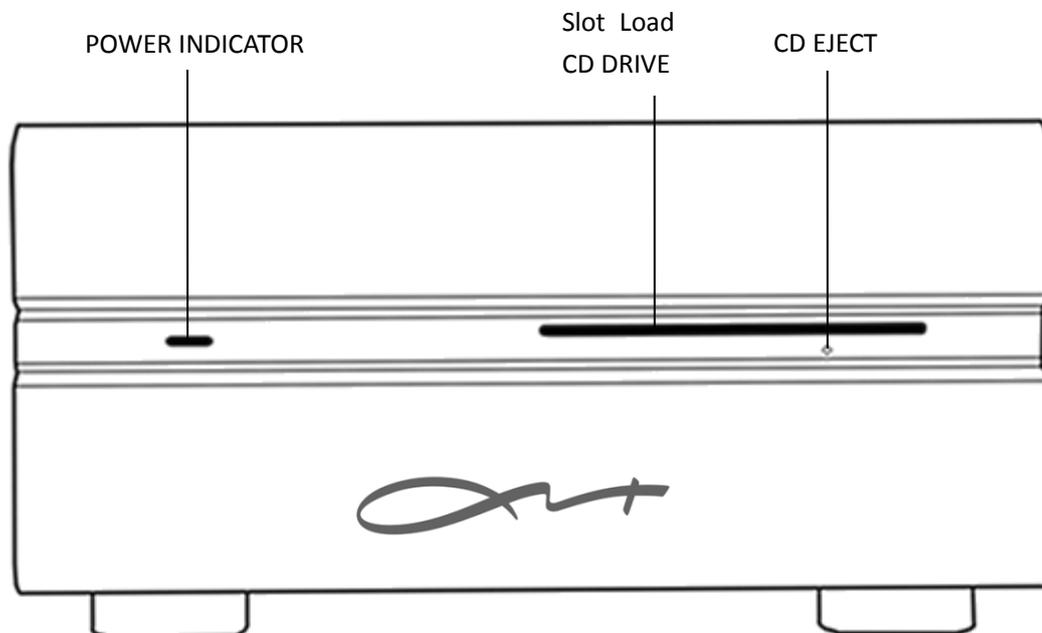
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Thank you for choosing QAT!

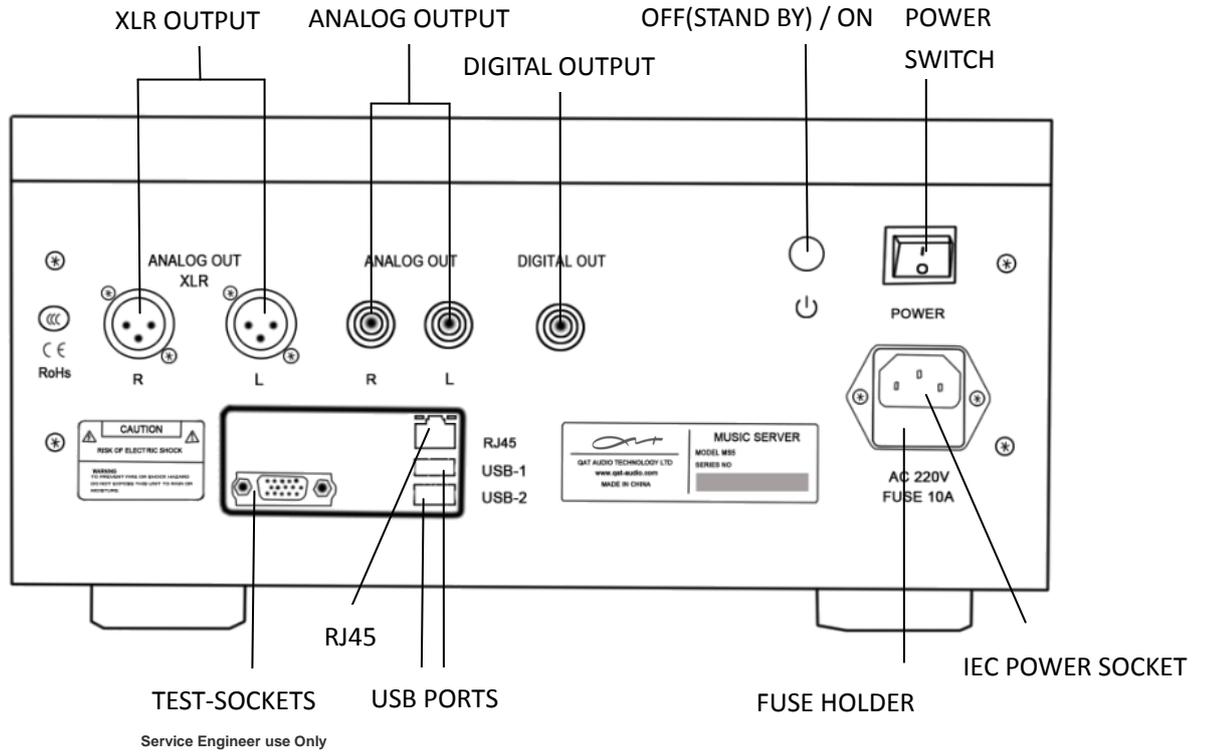
1. Product features

- TEAC CD drive
- Built-in 2TB 3.5-inch Seagate hard (Saving up to 3000 music CDs in WAV format or 5000 music CDs in FLAC format)
- DAC: Balanced DAC circuitry, 2 Analog-Devices AD1955 (24Bit/192KHz) chips
- Analog outputs: RCA, XLR
- Digital outputs: RCA
- Network connection: RJ45
- 2 USB ports for data transfer
- Full Balanced output with proprietary full discrete OP amplifiers consisting of FET and Bipolar devices. Very high slew rate with high drive capability.
- Supported audio formats: PCM, WAV, APE, FLAC, AIFF, WMA, M4A, MP3, AAC, Ogg Vorbis etc.
- Remote control software compatible with Android and iOS devices
- Proprietary GUI
- Aluminum, fan-less chassis design; various colors available
- WDH: 325×270×165(mm)
- Weight: 12.7KG

Front Panel

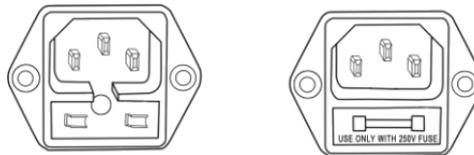


Rear Panel



Fuse Replacement

Gently pull the fuse holder with a screwdriver replace, the blown fuse with one of the same rating; then push the fuse holder back in.



2. Start up and shut down the host

2.1 Start up the host

- 1) Use the RCA or XLR cables to connect the host to an amplifier (see “ANALOG OUTPUT” and “XLR OUTPUT” on the rear panel).
- 2) Connect the host and the wireless network adapter (**see 3.1**).
- 3) Use the power cable to connect the host to the power supply (see “IEC POWER OUTLET” on the rear panel).
- 4) Once all necessary connections are made, find the power switch located above the IEC POWER SOCKET on the rear panel and switch it to the “on” position. Now the host is standby mode.
- 5) Wait for about 5 seconds; press the round “STANDBY/ON” button to turn on the host. which is indicated by a white light on the front panel.

2.2 Shut down the host

It is highly recommended to shut down the host by tapping "shut down music server" button in the QAT Remote software (**see details in 4.7**). Wait for about 10 seconds until the white light on the front panel turns off, meaning the host is standing by. Now you can press “STANDBY/ON” to turn on the host again, or completely shut it down by switching off the power supply. Irregular operation may cause unexpected data loss or damage to the machine.

3. Connect iPad and the host

There are three ways to connect iPad and the host:

3.1 Use the USB wireless adapter (AP Mode)

You can use the USB wireless adapter, which is included in the original package, to connect iPad and the host MS5:

- 1) Connect the USB wireless adapter and the host through the USB port on the rear panel.
- 2) Tap “Settings” on the iPad screen, and find “WLAN”. Choose the correct network SSID (“QAT- your S/N”), and type in code “qatqatqat”, if it is required. Then iPad and the host will be connected.
- 3) Tap “QAT Remote” on your iPad to operate the host.

Note: When the host is connected to the Internet, the metadata of the CD album will be downloaded and saved in iPad during the CD importing process. To connect to the Internet, the user needs to insert one end of the Ethernet cable into the RJ45 interface on the rear panel and the other end into an Internet access.

3.2 Use a wireless router (connect by Ethernet cable)

If you have a wireless router at home, you can connect the host to the route (DHCP function of the router must be enabled). Insert one end of the Ethernet cable in the LAN interface of the wireless router, and the other end into the RJ45 interface on the rear panel of the host.

Then follow the steps below:

- 1) Tap “Settings” on the iPad screen, and find “WLAN”. Choose the correct network (your home Wi-Fi) and tap to connect (enter the password if it is required). Then iPad and the host will be connected.
- 2) Back to iPad main screen, and tap app “QAT” to operate the host.

Note:

- ♦ *To acquire the metadata of the CD album during importing, the wireless router must have Internet access.*
- ♦ *When your iPad is too far away from the wireless router or when there are too many obstacles such as walls in between, the connection may be unstable.*

3.3 Use a wireless adapter (“Wireless Mode” connect wirelessly)

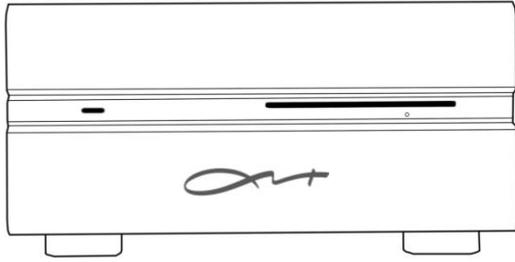
In this way, the host doesn’t need an Ethernet cable. You can use the USB wireless adapter, which is included in the original package, to connect the host and the wireless router (DHCP function of the router must be enabled):

- 1) Connect the USB wireless adapter and the host through the USB port on the rear panel.
- 2) Tap app “QAT” on your iPad to enter the main screen, and then tap “Settings” on the left upper corner. In the network options, See the item of “WLAN Mode”, press “change” and then select “wireless mode”, and type in the SSID of the wireless network and the code.
- 3) Tap OK and quit app “QAT”.
- 4) Tap iOS “Settings” on your iPad, and find “WLAN”. Choose the correct network (your home Wi-Fi) and tap to connect (enter the password if it is required). Then iPad and the host will be connected.
- 5) Back to iPad main screen, and tap app “QAT” to operate the host.

Note:

- ♦ *To acquire the metadata of the CD album during importing, the wireless router must have Internet access.*
- ♦ *When your iPad is too far away from the wireless router or when there are too many obstacles such as walls in between, the connection may be unstable.*
- ♦ *The connecting approach in 3.3 will be available only for app QAT V2.0 and later versions.*

4. Package contents



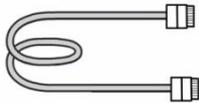
MS5 (Host)



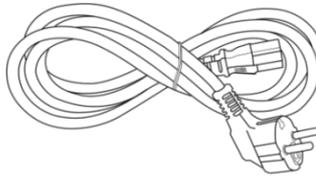
Quick Start Guide



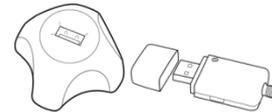
Spare Fuse



Ethernet Cable



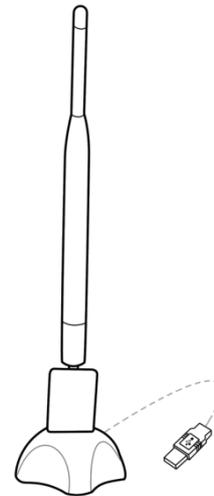
Power Cable



Router Base



Router Antenna



USB Wireless Adapter

5. IMPORTANT SAFETY INSTRUCTIONS

IT IS IMPORTANT THAT YOU READ AND OBSERVE BOTH THE INSTRUCTIONS IN THIS MANUAL AND THE INSTRUCTIONS ON THE DEVICE. PLEASE KEEP THIS MANUAL FOR FUTURE REFERENCE.



Check the working voltage of the device

Please do check the working voltage to make sure it accords with the local standard before using. If the voltage marked on the rear panel does not fit your needs, please inform your local distributor or the company.



Do not disassemble the device

Danger! High voltage! Do not open the device. You run the risk of getting an electric shock. The machine does not contain any user-serviceable parts (except the fuse). Please leave all maintenance work to qualified technicians.



Turn the power off when accidents occurred

When you find the chassis emitting smoke or strange smells, please do unplug the AC power, (pay attention not to be burned.) Using the device under such circumstance may cause fire.



Ensure adequate ventilation

The slots and openings in the chassis are to ensure ventilation and stable operation to protect the device against overheating. Do not block or cover these openings for instance by placing the device on a bed, a sofa, a carpet or similar surfaces.



Avoid penetration of foreign objects and liquid

Never drop any foreign objects through the openings into the device, as they may touch dangerous voltage points or short-circuit parts and thus cause fire or electric shock. Do not allow any liquid to be spilled on or into the device. Do not use liquid detergents or aerosol cleaning agents. Please use only a dry cloth for cleaning the unit.



Avoid high temperature, moisture and dust

The device shall not be exposed to dripping or splashing.
Do not place any sources of danger on the apparatus (such as liquid filled objects, lighted candles and so on).



Additional instructions

- QAT offers free importing service and related information currently, but does not guarantee successful importing of each CD. For CDs from certain regions, countries or in certain languages, recognition rate is relatively low.
- Working temperature should be under 28°C (82°F) for best performance.
- The product is subject to technical changes without further notice. For the latest news of products, please visit <http://www.qat-audio.com>
- We recommend all users make a copy of the data saved in the hard disc of MS5, in case of losing all the information due to accident.
- QAT accepts no responsibility for any loss of data that is stored by the users in MS5.

6. After-sales Service

This warranty applies to all the units sold and delivered by QAT to the first user within two years of the invoice or receipt date issued by QAT. After service or repairs on the unit, ask the service technician to carry out a safety check to ensure that the unit is ready for use. The QAT's technical staff will provide the most excellent service.

Note of the Warranty Limitation

1. The MS5 are not covered by the warranty without the original proof of purchase.
2. Damages due to operator's misuse including water damage, physical damage and modifications are not covered by this Warranty Policy.
3. Any system bugs such as flashing screen, unable to turn on, unstable system running due to ROM flashing/system upgrading by operators are not covered by this Warranty Policy.
4. Normal wear of the housing or other consumable parts are not covered by this Warranty Policy.
5. Damage due to any unauthorized disassembling, modifications or repairs are not covered by this Warranty Policy.
6. The Warranty Policy is void if the security seal tape is removed or broken.

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