

TUBE 452

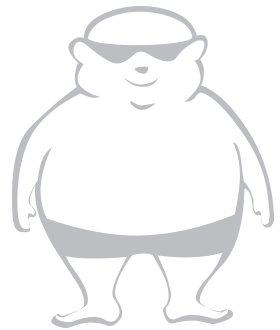
Amplifier 2 x 45Watt



FATMAN
BY
TLAudio®

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Congratulations on your choice of the Fatman iTube 452 by TL Audio. We have used years of audio engineering experience to bring you a product that will truly enhance your listening experience.

In order to obtain the best performance from this system please read this owners manual thoroughly and use your iTube 452 only in accordance with its instructions.

Safety Instructions

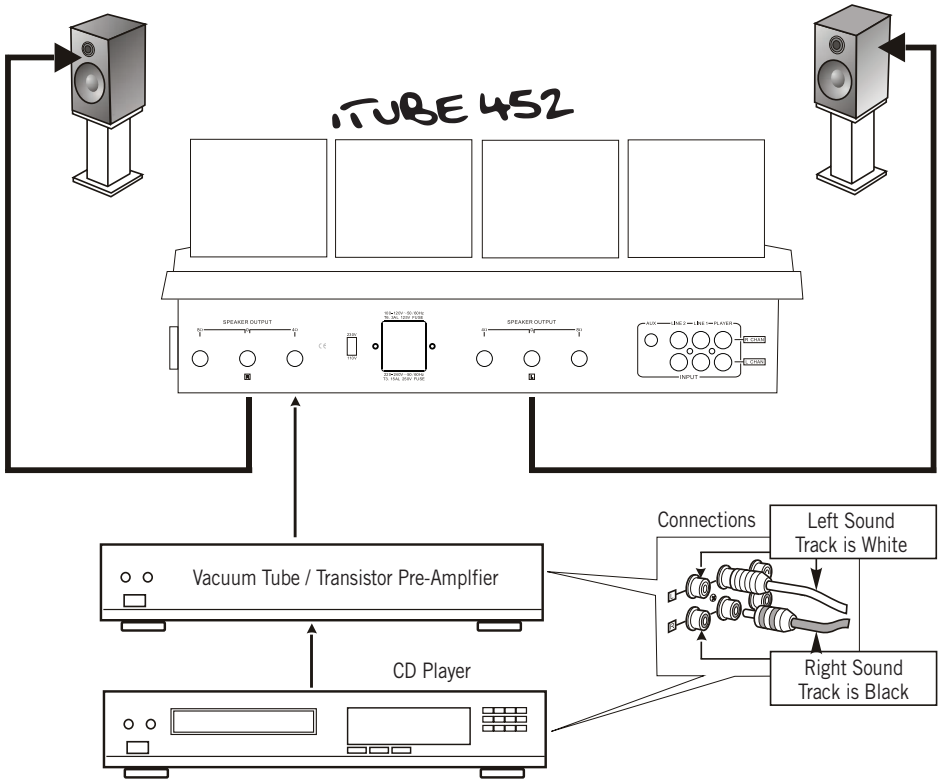
IMPORTANT SAFETY INSTRUCTIONS

Read instructions: All safety and operating instructions should be read thoroughly before attempting to operate the Fatman iTube 452.

- Retain Instructions in a safe place for future reference.
- Follow all instructions detailed in this manual.
- Observe all safety warnings given in this manual.
- This unit should NOT be situated in close proximity to water. Avoid placement near bathtubs, sinks, washing machines, swimming pool, sauna etc.
- Avoid exposure to direct sunlight or to extremes of temperature or humidity.
- Do not place near direct heat sources such as radiators, stoves, gas fires, naked flames or candles.
- Ensure that the unit is placed on a clean, dry and flat surface before operation.
- Do not drop unit, apply excessive force to the controls or place heavy objects on top of the unit.
- Do not allow excessive levels of dust to gather on the iTube 452.
- To clean, use a soft dry cloth. If necessary, use a damp cloth without any solvents.
- Ensure that the area in which the unit is situated has adequate ventilation. Do not place the iTube 452 in a position where its ventilation may become obstructed. Avoid placement on beds, sofas, rugs, enclosed bookcases / cabinets and any other area which may cause interference to the ventilation of the product thus causing it to overheat.
- Ensure that the unit is connected to the correct power supply as indicated on the unit. Unplug the iTube 452 when not in use for a long period. Always make sure power cables are placed safely and are not obstructing a walkway.
- This product can get hot. Do not touch the tubes and keep away from babies and children.
- To avoid risk of electric shock, do not attempt to remove the cover or the back of unit - there are no user serviceable parts.
- When this product is moved from a cool to a warm place, condensation may occur on the surface of the vacuum tube. In this instance, please allow 1 hour before attempting to operate the unit. This will avoid leakage or blowout of the vacuum tube due to sudden heat.
- The iTube 452 should be serviced by an authorised service engineer in the event of any of the following circumstances.
 1. The power supply or cord sustains damage.
 2. The unit is struck by a falling object.
 3. The unit is exposed to rain or moisture.
 4. Liquid is inadvertently spilt on the unit.
 5. The unit does not seem to operate normally or exhibits a sudden change in performance.
 6. The unit has been dropped.
- Any unauthorised changes or modifications to this equipment would render the manufacturer's warranty null and void.



Amplifier Connections

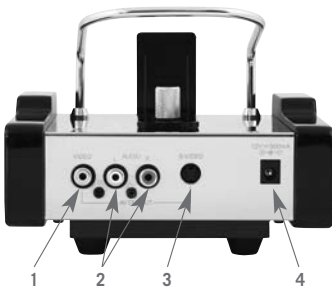


- Before attempting to make any connections to or from the unit, be sure to first switch OFF the power to this unit and to any other components to which connections are being made.
- Make sure that all connections between this unit and other components are made correctly, that is to say L(left) to L, R(Right) to R, + to + and - to - Also, refer to the owner's manual of each component that is connected to this unit.
- Always turn OFF the power switches when connecting or disconnecting from mains power.
- It is recommended that you disconnect the power supply from the mains when the unit is in a protracted period of non-use (holidays, etc).
- When connecting speakers, ensure they have an impedance of between 4 & 8 ohms.

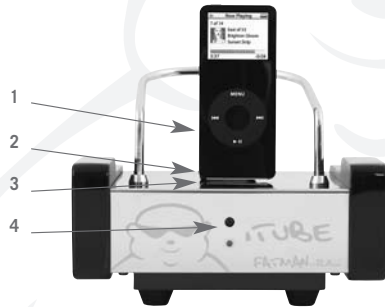
Amplifier Connections

- Connect using high quality, bare(stripped) speaker wire. Please note that if your speaker wires are not connected properly you may hear no sound or if polarities are reversed, you will hear oddities in the signal path with an unnatural loss of bass frequencies.
- When using bare speaker wires, fit at least 1.6mm of insulation inside the speaker terminals so that no bare wire is visible.
- Make sure the wire holders are firmly screwed in to prevent wires from becoming loose. If wires touch, the speakers and or the unit could be damaged.

Connecting the iTube Dock



- 1. Video Output:** Connect the video cable (yellow) in between the video output connector (yellow) of the iTube and the video input of your TV.
- 2. Audio Output:** Connect the audio cable from the audio output of the iTube docking station to the audio input of the the iTube Valve amplifier.
- 3. S-Video Output:** Use an S-Video cable (not included) to connect S-Video output of your iTube to the S-Video input of your TV.
- 4. Power adaptor in:** Connect power cable between iTube and mains supply.



- 1. Backrest.**
- 2. iPod dock connector.**
- 3. iPod dock input connected indicator LED.**
- 4. Power indicator.**

ERRATUM

PLEASE USE THE ON SWITCH ON THE REMOTE CONTROL TO TURN ON THE DOCK.

Front & Rear Panel Controls

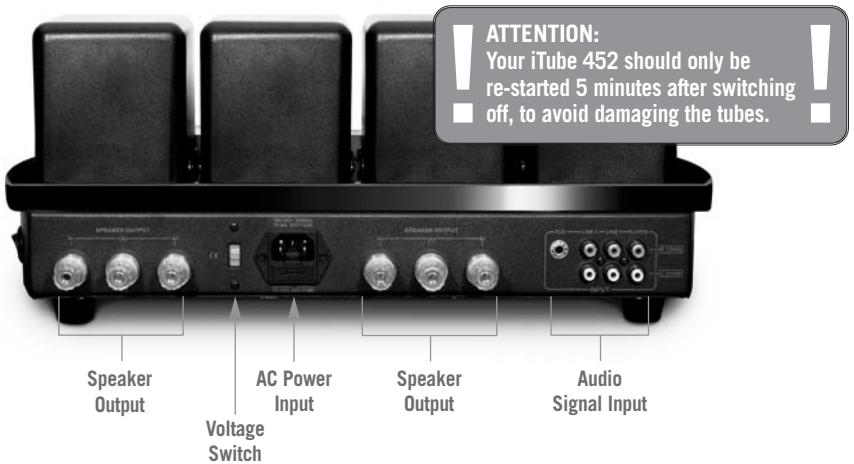


POWER SWITCH - Press this switch to ON for power. The indicator will illuminate while the power is ON. Press to OFF to switch off the power.

Please Note The Following: Before switching ON the power, be sure to set the volume control to the lowest setting in order to avoid damage to the speakers - the speaker-protection circuit will mute the volume for a few seconds after power is switched ON.

SOURCE - For selecting the different Signal Source.

VOLUME CONTROL - To increase or decrease the volume.



Troubleshooting

If your iTube 452 fails to operate normally, please check the following points to determine if the fault can be corrected with one of the simple suggestions below. If you feel your unit is still faulty after reading this, please contact your authorised dealer or service centre.

SYMPTOM	POSSIBLE CAUSE	REMEDY
- The unit fails to turn on when the POWER switch is pressed.	- Power adaptor is not connected properly. - Mains supply is off.	- Make sure power is firmly plugged in.
- No Sound.	- The volume control is set to the fully counter-clockwise position. - Connection cords are not connected securely to the INPUT terminals. - Speakers are not connected properly.	- Turn clockwise. - Connect securely. - Connect securely.
- No sound is heard from the left and /or the right speaker.	- Speakers are not properly connected. - The signal input is not properly connected.	- Connect correctly. - Connect correctly.
- The acoustic image is unstable.	- The positive and negative polarities of the unit and speakers are not matched.	- Re-connect correctly.

Specification

- **Max Output Power:** 45Wx2
- **Frequency Response:** 20-20KHz (± 1.0 dB)
- **Distortion:** $\leq 1\%$
- **Signal to Noise Ratio:** ≥ 86 dB
- **Input Sensitivity:** 210mV
- **Input Impedance:** 100K Ω
- **Output Impedance:** 4 Ω /8 Ω
- **Size (LxWxH):** 420mm x 265mm x 154mm
- **Weight:** 23.0 Kgs / set
- **Tubes used:** 6L6G x 4, 12AX7 x 5

Specifications are subject to change without notice.

Service

Please contact your local authorised dealer or reseller.

info@fat-man.co.uk

www.fat-man.co.uk

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