



TUBE

CARBON EDITION

Valve Amplifier

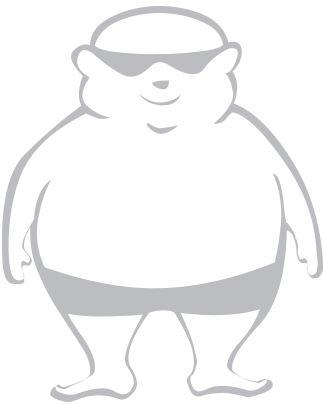
With Docking Station & Speakers

FATMAN
BY TLAudio®



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Congratulations on your choice of the Fatman iTube 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 only in accordance with its instructions.

Kit Contents

- iTube Vacuum Tube Amplifier with iPod dock
- Fatman 2-way bookshelf speakers in black high-gloss finish
- Banana Plug speaker cables
- Aux source audio cable for connecting CD player etc
- Video cable to connect from docking station to TV



Safety Instructions

Please read the following precautions before attempting to operate the iTube.

- Read instructions - All safety and operating instructions should be read thoroughly before attempting to operate the Fatman iTube
- 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, 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
- 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 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 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 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

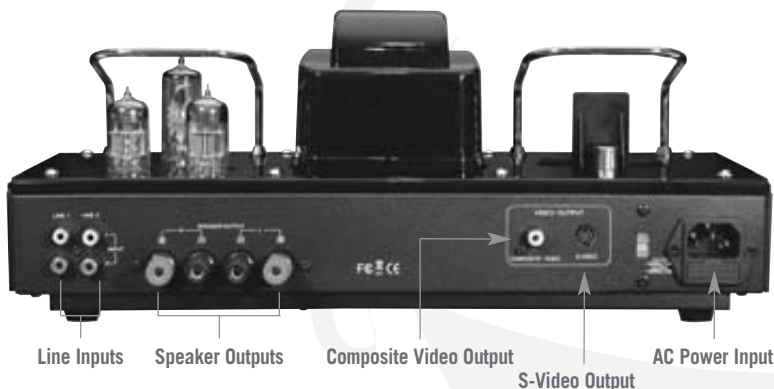


Amplifier controls



FRONT PANEL

The indicator light above the power switch will illuminate when the power is ON. To switch power OFF, simply turn switch in the alternate direction. Before switching on the power, please set the volume control to a low setting to avoid damage to your speakers. Please note that a speaker protection circuit will mute speaker sound for a few seconds after power is switched ON.



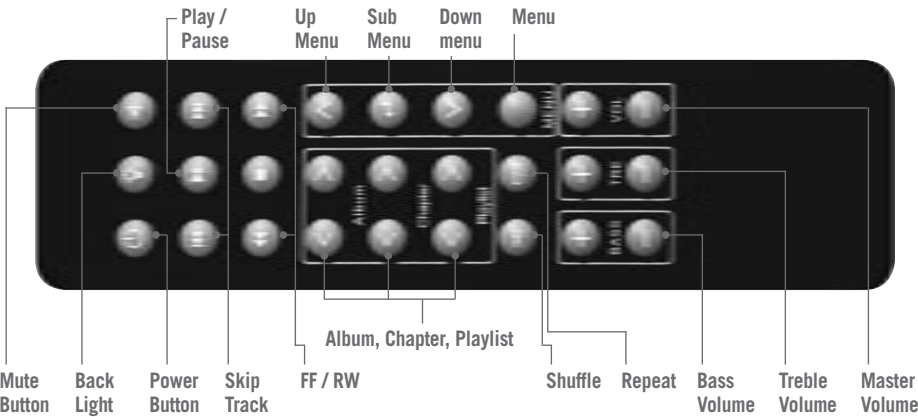
REAR PANEL

NOTE:

Although product is pictured without the cage cover, the cage covering the tubes must be in place during operation. This product can get hot. Keep away from babies and children

ATTENTION:
Your iTUBE should only be re-started 5 minutes after switching off, to avoid damaging the tubes.

Remote Control



Control speaker functions

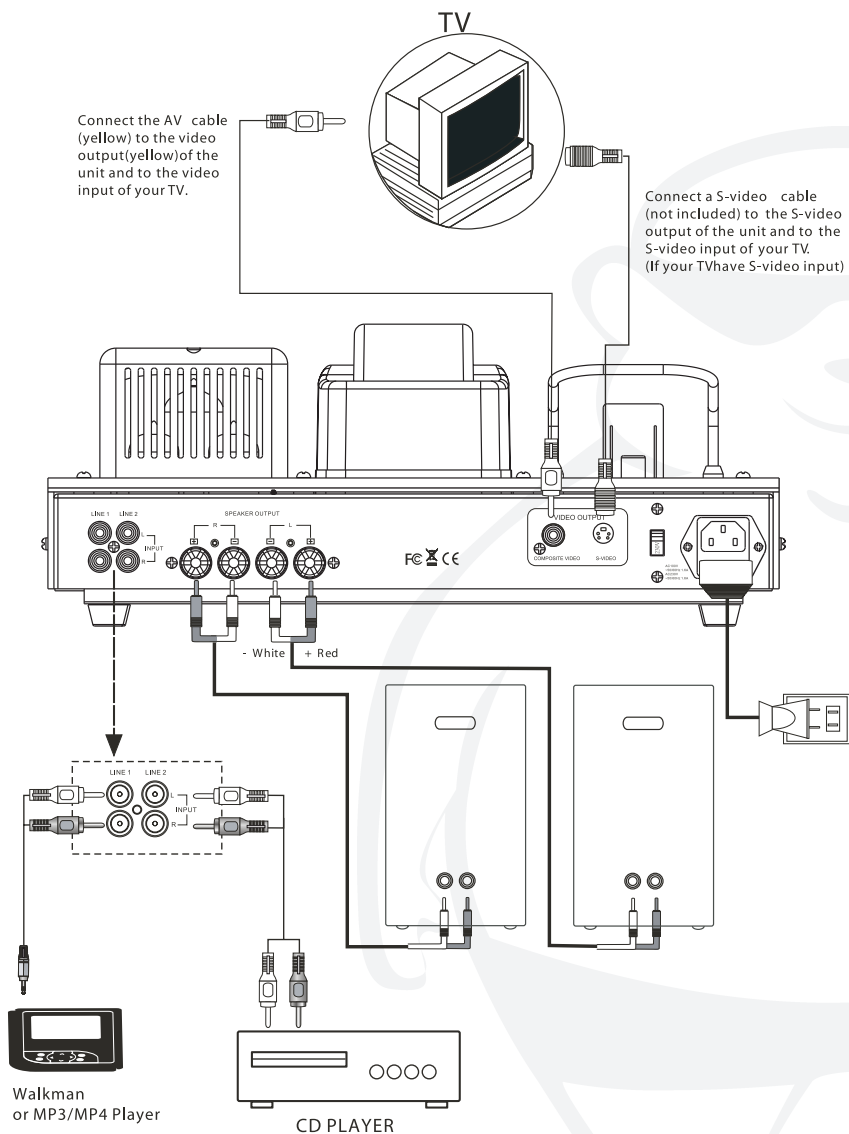
Power Button	Press to turn on the iTunes, power indicator will illuminate.
Master Volume	Press the “+” button to increase master volume Press the “-” button to decrease master volume
Treble Volume	Press the “+” button to increase treble volume Press the “-” button to decrease treble volume
Bass Volume	Press the “+” button to increase bass volume Press the “-” button to decrease bass volume

Control iPod functions

When an iPod is docked into the dock and dock is turned on, some iPod functions can be controlled using the speaker system's remote control.

Play/Pause song	Press play/pause button
Turn off iPod	Press and hold play button
Skip to next song	Press next/fast forward
Start a song again	Press previous/rewind
Play previous song	Press previous/rewind twice
Fast forward song	Press and hold next/fast forward
Rewind a song	Press and hold previous/rewind
Album, playlist, chapter	Press appropriate button for next and previous

iTube Carbon Edition Connections



How to Use

CONNECTIONS

- Before attempting to make any connections to or from the iTube firstly ensure that the iTube and all connecting devices are switched OFF.
- When making connections to other devices from the iTube, take the time to ensure that they are correct. For instance, (L) Left to (L) left, and (R) right to (R) right.
- Make sure connecting pins on wires are clean and dust free and that all connectors are inserted into the iTube fully and correctly.
- Always turn both the power switches to the OFF position on the units when connecting or disconnecting the iTube tube amp or the power supply.

POWER

- Do not switch on the iTube or mains supply until after you have connected the AC power adaptor between them. It is recommended that you disconnect the power supply from the mains when the unit is in a protracted period of non-use (when on holiday / travelling for instance).

SPEAKERS

- When connecting speakers, ensure they have an impedance of between 4 & 8 ohms.
- Connect the speakers to the terminals using either the supplied speaker cable (banana plug) or 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 each other, the speakers and/or iTube could be damaged.

Maintenance

- Switch off units when out of use
- Allow units to cool completely before cleaning
- Clean using a soft cloth or supplied brush periodically
- When cleaning the Vacuum tube, take great care, please only gently shake the tube to take it down and then install tubes in the same way after clean
- Do not attempt to clean the products with chemical solvents - this may damage the finish of the iTube



Troubleshooting

If your iTube 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
No Power - Blue LED is off	<ul style="list-style-type: none"> - Power adaptor is not connected properly - Mains supply is off - If from remote, battery needs replacing 	<ul style="list-style-type: none"> - Make sure power is firmly plugged in. - Test with another appliance/different socket. - Replace battery
No Sound from speaker system	<ul style="list-style-type: none"> - Volume control is turned down - Speakers are not connected properly - 'Input Select' incorrect 	<ul style="list-style-type: none"> - Turn volume up slowly until desired level - Check wires are firmly and correctly inserted - Ensure that you have control selected to either iPod dock or Aux, depending on which you are using.
Acoustic image is unstable, characterised by unnatural sound and insufficient low-range tonal quality	<ul style="list-style-type: none"> - The positive (+) and negative (-) polarities of the iTube and speaker system are not matched 	<ul style="list-style-type: none"> - Reconnect the speakers ensuring the polarities are aligned to the iTube
iPod volume does not increase audio volume	<ul style="list-style-type: none"> - iPod volume control only controls volume to the headphone jack 	<ul style="list-style-type: none"> - Use the iTube's amplifier volume control when the iPod is docked
Crackling sound from speakers	<ul style="list-style-type: none"> - Bad connection - A problem with your audio source 	<ul style="list-style-type: none"> - Check connection if iPod is in docking station, check connection of the 3.5mm stereo cable. Make sure it is connected 'line out' 'audio out' or 'headphone out' of your source and NOT 'speaker out' - Unplug the 3.5mm stereo cable from the audio source, then plug it into the headphone jack of an alternative source (e.g. CD player, Mp3 player)

SYMPTOM	POSSIBLE CAUSE	REMEDY
Sound is distorted	<ul style="list-style-type: none"> - Volume level on iTunes is too high - Sound source is distorted 	<ul style="list-style-type: none"> - Decrease the volume to a more appropriate level - WAV and MIDI files are often of poor quality; therefore distortion and noise are easily noticed through a high quality system. Try a different audio source such as music CD
Radio Interference	<ul style="list-style-type: none"> - Too close to a radio tower 	<ul style="list-style-type: none"> - Move speakers to different positions to see if interference
Remote control doesn't work	<ul style="list-style-type: none"> - Low battery - Remote is not pointing in correct direction or within range 	<ul style="list-style-type: none"> - Replace battery - Point the remote control towards the docking station within 20ft of the unit
TV can not display	<ul style="list-style-type: none"> - Bad connection - iPod video set up is incorrect 	<ul style="list-style-type: none"> - Check connection if iPod is in docking station, check connection of output cable - Please check iPod video set up

Specification

- **Power Output:** 25Wx2
- **Frequency Response:** 20Hz - 20KHz ($\pm 1.5\text{Db}$)
- **Harmonic Distortion:** $\leq 0.5\%$
- **Signal-To-Noise Ratio:** $\geq 86\text{Db}$
- **Input Impedance:** 4.7K Ω
- **Output Impedance:** 4 Ω , 8 Ω
- **Valve Type:** 2x6N1(ECC85)
1x6E2(EM87)
- **Power Supply:** AC100~120V/50~60Hz
AC220~240V/50~60Hz
- **Dimensions:** iTube: 372x152x172 mm (WxHxD)
Speakers: 144x240x200 mm (WxHxD)
- **Weight:** iTube: 3.97kgs
Speakers: 5.32kgs

Service

Please contact your local authorised dealer or reseller.

info@fat-man.co.uk

www.fat-man.co.uk

FATMAN
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ITUBE