

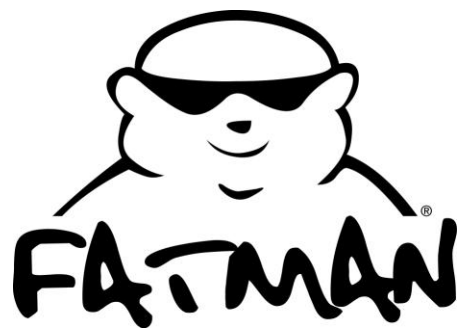


Mi-Tube

User Manual



Mi-Tube Hybrid Valve 28 watt Amplifier with Bluetooth



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Safety Instructions

They're Important, So Please Read Carefully !

Please Do...

Keep these instructions in a safe place for future reference – you may need them.

The Mi-Tube should be used on a clean, dry & flat surface.

Mi-Tube needs room to breathe, so make sure its new home has adequate ventilation. Don't put it on beds, sofas, rugs, enclosed bookcases, cabinets or anywhere that ventilation may be obstructed and it can overheat.

Make sure that your Mi-Tube is connected to the correct power supply as indicated on the unit.

Unplug your Mi-Tube when it's not in use for a long period (we're taking days not hours).

Always make sure cables are placed safely.

If you move your Mi-Tube from a cool to warm place, condensation may form on the surface of the vacuum tube. It's nothing to worry about, but allow 1 hour before you switch it on again. This will avoid leakage or a blowout of the vacuum tube due to too much sudden heat.

You should have your Mi-Tube serviced by a qualified service engineer if;

- The power cord is damaged
- The unit is dropped or struck by a falling object
- It's exposed to rain or moisture
- Liquid is spilt on it
- It's not operating normally or shows a sudden change in performance

Please Don't...

Don't put your Mi-Tube anywhere near water including bathtubs, sinks, washing machines, swimming pools, saunas, Jacuzzis, kettles etc.

Don't expose it to direct sunlight or to extremes of temperature or humidity.

Don't leave it near direct heat sources such as radiators, stoves, gas fires, naked flames or candles.

Don't drop the unit, it's delicate, don't apply excessive force to the controls or place heavy objects on it.

Don't let too much dust gather on the unit, give it a regular wipe with dry cloth if necessary. Do not use solvents.

Mi-Tube has vacuum tubes which can get hot. Don't touch the tubes and keep away from babies & children.

Don't try to remove the cover or back panel – there are no user serviceable parts inside and danger of electric shock.

NOTE: Any unauthorised changes or modifications to this equipment render the manufacturers warranty void.



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Amplifier Connections

Before connecting anything to or from your Mi-Tube, switch OFF the power to the Mi-Tube and to the components you want to connect.

Make sure that all connections between the Mi-Tube and other components are made correctly, L (left) goes to L & R (right) goes to R.

Don't forget to refer to the owners manual of each component that you want to connect.

Speaker Connections

Connect to your speakers using quality speaker wire. If your speaker wires are not connected properly you may hear no sound at all, or if the wires are mixed up it will sound weird with a disturbing loss of bass.

When using bare speaker wires, fit at least 1.6mm of insulation inside the speaker terminals so there's no bare wire showing.

Any speakers you connect should have an impedance of 4-8 ohms - if it's not written on the back of the speaker contact the manufacturer.

Make sure the wire holders are firmly screwed in, to stop the wires from becoming loose. If wires touch the speakers or the unit could be damaged.

Always turn OFF the power switches when you're connecting or disconnecting from the mains.

Disconnect from the mains if you're not planning to use your Mi-Tube for a while eg. Holidays



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Blue tooth Connection

Mi-Tube plays wirelessly with compatible Bluetooth enabled Smartphones, Net Books, Laptops & Computers

Turn Mi-Tube on



Select Bluetooth on left hand input selector switch

Select Bluetooth on your audio source eg. Smartphone, lap top etc.

After a short time Fatman will appear on your audio source screen. Select pair

Mi-Tube will now be ready to play your music wirelessly within a range of approximately 30 ft.

The range can vary depending on other wireless signals in the room.



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Controls & connections: Mi-Tube: Front & Back



Input Select (left): Bluetooth, Line 1 or Line 2

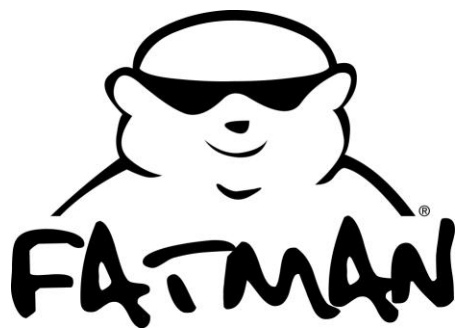
Volume Control (right)



Connections: Mains switch, Mains input socket & fuse, Speaker outputs L&R, Line Inputs 1& 2

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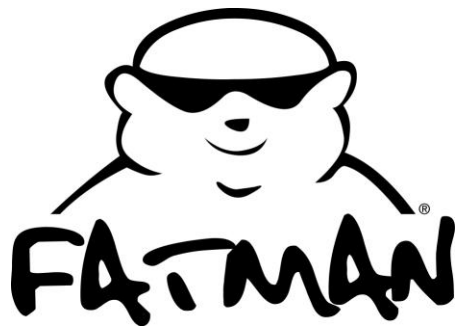


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Fault Finding

Won't turn on when the POWER switch is pressed	Power cable isn't connected properly, mains supply is off	Make sure the power cable is firmly plugged in and mains is switched on
No sound	The volume control is turned all the way to the left The connection wires are not connected securely to the Input terminals Speakers are not connected properly	Turn the control to the right to crank up the volume Make sure the cords are fully inserted at both ends Check that the speaker cables are connected correctly
No sound from left or right speaker	One or both speakers are not properly connected	Check both speaker cables and ensure they're connected securely Check the connections between your source and amplifier are correctly and firmly connected
The acoustic image is unstable (sounds unnatural or weirdly bass light)	The positive and negative polarities of the unit and speakers aren't matched	Remove the speaker cable and connect them correctly
Crackling sound from speakers	Bad connection A problem with your audio source	Check connections Check audio source
Sound is distorted	Volume level on Mi-Tube is too high Sound source is distorted	Turn it down a bit WAV & MIDI files are often poor quality and distortion sounds worst through a quality system – try a different audio source
Radio interference	You may be too close to a radio tower	Try moving the speakers to a different position



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Specification

Max output power: 28W x 2

Frequency response: 20Hz-20Khz (+/- 1.0d)

Distortion: <> 0.5%

Signal to Noise Ratio: 86db

Input sensitivity: 300mV

Input impedance: 100k Ohm

Output impedance: 4/8 Ohm

Amp Size: Diameter 183mm: Height 145mm

Weight: 4.kg

Type of amp: Hybrid

Inputs: RCA pr x 2

Service:

Please contact your local authorised dealer or reseller



Available in High Gloss Black or White