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FATMAN BY TL AUDIO





## FATMAN BY TL AUDIO

TL Audio began manufacturing professional audio valve products in 1993, kick-starting the valve revolution. Respected by producers, sound engineers and artists alike, TL Audio valve units and mixing consoles are used in studios the world over.

From the outset, our design philosophy at TL Audio has been to utilise the best qualities of both tube and solid state circuitry to produce a combination of superb sound and first class technical performance.

And this philosophy has been carried through into our range of Fatman HiFi products.

Launched in late 2006, Fatman has quickly established its reputation for producing some of the best performing audio systems for use with Apple's iPod, iPhone, or indeed any portable or fixed media device. All iTube amplifiers have additional inputs for CD etc., making them fully

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comprehensive audio systems for all types of audio sources. The numerous accolades and awards won by Fatman products the world over are a testament to our attention to detail, audio design expertise and our wish to make products that are beautiful and that will last the test of time.

But why valves? Well, as professional recording artists and producers discovered, digital recording media, with all its acknowledged advantages, was perhaps lacking in one major aspect... sound quality.

It could be a little cold and harsh and lacked 'warmth' - and that's where valves come in.

Correctly and sympathetically inserted into the signal path, the presence of a valves enhances signal quality. The skill in valve amplifier design is in knowing exactly where to place the valves and how to combine them with state-of-the-art solid state circuitry in order to achieve maximum sonic benefit. And with over a decade's experience in professional audio, the people behind Fatman have this skill. And then some.

Fatman by TL Audio - it don't mean a thing if it aint got that swing.

Read product reviews online at: [www.fat-man.co.uk](http://www.fat-man.co.uk)



**Stuff**  
HOT BUY

WHAT HI-FI?  
★★★★★

**T3**  
★★★★★

WHAT HI-FI?  
AWARDS 2007  
PRODUCT OF THE YEAR  
PLAQUE-WINNING  
DESIGNER THREE HUNDREDS



# iTube MkII Valve Amplifier

Available with or without Speakers, this 25 watt class-leading award-winner now features a USB input.



## Specification

|                               |                                                         |
|-------------------------------|---------------------------------------------------------|
| <b>Power Output:</b>          | 25Wx2                                                   |
| <b>Frequency Response:</b>    | 20Hz - 20KHz ( $\pm 1.5\text{dB}$ )                     |
| <b>Distortion:</b>            | $\leq 0.5\%$                                            |
| <b>Signal-To-Noise Ratio:</b> | $\geq 86\text{dB}$                                      |
| <b>Input Sensitivity:</b>     | 350mV                                                   |
| <b>Input Impedance:</b>       | 100K $\Omega$                                           |
| <b>Output Impedance:</b>      | 4 $\Omega$ , 8 $\Omega$                                 |
| <b>Source Inputs:</b>         | 2x RCA Pair, USB                                        |
| <b>Tubes Used:</b>            | 6N1 x 2, 6E2 x 1                                        |
| <b>Power Supply:</b>          | AC100~120V/50~60Hz<br>AC220~240V/50~60Hz                |
| <b>Dimensions:</b>            | Amp (WxHxD) 260x145x130mm<br>Dock (WxHxD) 155x130x123mm |
| <b>Amp Weight</b>             | 4.3KGs                                                  |
| <b>Speaker Weight</b>         | (each) 2.4KGs                                           |
| <b>Amp Type</b>               | Hybrid                                                  |

*Will also work with  
iPhone 2G and iPhone 3G in flight-safe mode.*

The original hybrid Fatman product, now with increased power output and a USB input. Designed for use with iPod/iPhone and any other audio devices (e.g. CD player, music-enabled mobile 'phone, etc.). Utilising a hybrid-tube design platform, the iTube II provides superb audio reproduction and attractive design at a great price and with the new USB input you can now run audio into the amplifier directly from your laptop or CPU. The performance of the original amplifier platform and dock has been scrutinised by the world's press and they awarded it the best accolades possible, including Product Of The Year, iPod Audio System Of The Year, etc.

The dock allows any iPod/iPhone to be used (except Shuffle, although this could be linked to the line inputs directly on the amplifier) and also comes with a full-function remote control for complete control over all iPod/iPhone functionality. Consistently excellent reviews by the world's music press. A class leader. Shiny.



## Plug Your Computer Right In

With the addition of a USB input, the iTube MkII is your flexible friend and can sit at the heart of your musical life. Now you can also use your PC, Mac or Laptop as a musical source.

Remote  
The iTube II  
ValveDock comes  
complete with full  
function remote  
control.



# Carbon Trinity Hybrid Valve Amplifier

Market-leading, award-winning Fatman system with added USB input and sub-woofer output.



## Specification

|                               |                                          |
|-------------------------------|------------------------------------------|
| <b>Power Output:</b>          | 25Wx2                                    |
| <b>Frequency Response:</b>    | 20Hz - 20KHz ( $\pm 1.5\text{dB}$ )      |
| <b>Distortion:</b>            | $\leq 0.5\%$                             |
| <b>Signal-To-Noise Ratio:</b> | $\geq 86\text{dB}$                       |
| <b>Input Sensitivity:</b>     | 200mV                                    |
| <b>Input Impedance:</b>       | 100K $\Omega$                            |
| <b>Output Impedance:</b>      | 4 $\Omega$ , 8 $\Omega$                  |
| <b>Sub Out:</b>               | Yes                                      |
| <b>Source Inputs:</b>         | 1xRCA Pair, USB, 1x3.5mm Aux             |
| <b>Tubes Used:</b>            | 6E2 x 1, 6N2 x 2                         |
| <b>Power Supply:</b>          | AC100~120V/50~60Hz<br>AC220~240V/50~60Hz |
| <b>Dimensions:</b>            | Amp (WxHxD) 374x205x155mm                |
| <b>Weight</b>                 | Amp: 5.8KGs<br>Speaker (each): 2.4KGs    |
| <b>Amp Type</b>               | Hybrid                                   |

*Will work with all known iPhone handsets as well (charge and music playback.)*



The Carbon Trinity is a one-piece hybrid vacuum tube amplifier with on-board iPod/iPhone dock. There is one pair of RCA connections, a 3.5mm stereo input and new third input on a USB connector so you can run audio direct from your laptop or CPU direct into the amplifier. It's also got a sub-woofer output.

The Carbon Trinity has a power rating of 25w per channel and comes with a full function remote control for managing all iPod/iPhone menu instructions.

A logical upgrade to anyone's home audio system. Sleek. Slick. Sassy.



Remote

The Carbon Trinity comes complete with full function remote control.



## With or Without Matching Speakers

Carbon Trinity comes in two distinct flavours; with or without matching bookshelf speakers. With a high-gloss finish and great sound characteristics, these speakers compliment the look of the Trinity beautifully.



# Wi-Tube Hybrid Valve Amplifier with FatDock

Cool beauty delivering 28 watts per channel of pure listening pleasure.



## Specification

|                               |                                                         |
|-------------------------------|---------------------------------------------------------|
| <b>Power Output:</b>          | 28Wx2                                                   |
| <b>Frequency Response:</b>    | 20Hz - 20KHz ( $\pm 1.00\text{db}$ )                    |
| <b>Distortion:</b>            | $\leq 0.5\%$                                            |
| <b>Signal-To-Noise Ratio:</b> | $\geq 86\text{db}$                                      |
| <b>Input Sensitivity:</b>     | 400mV                                                   |
| <b>Input Impedance:</b>       | 100K $\Omega$                                           |
| <b>Output Impedance:</b>      | 4 $\Omega$ , 8 $\Omega$                                 |
| <b>Source Inputs:</b>         | 2xRCA Pair, 1x3.5mm Aux                                 |
| <b>Tubes Used:</b>            | 6N1 x 1, 6N2 x 1                                        |
| <b>Power Supply:</b>          | AC100~120V/50~60Hz<br>AC220~240V/50~60Hz                |
| <b>Dimensions:</b>            | Amp (WxHxD) 230x178x118mm<br>Dock (WxHxD) 155x130x123mm |
| <b>Weight</b>                 | 4.5KGs                                                  |
| <b>Amp Type</b>               | Hybrid                                                  |

Another new edition to the range for 2010, the Wi-Tube is compact and sexy, but still packs a solid punch. Producing 28W per channel this is no lightweight when it comes to power. Utilising a radical new hybrid valve design, the basis of which was first suggested in a theoretical paper 50 years ago, it just sings with quality... and looks stunning.

Coupled with the FatDock for wireless connectivity (see FatDock specification on page 18). One may also use a wired connection on the RCA pair direct into the amplifier if preferred.

This is a hybrid valve amplifier for the connoisseur. Cool Beauty.



## Remote

The Wi Tube comes complete with a full function remote control (controls Fatdock Only).



## Comes with FatDock

Wi-Tube is matched perfectly with the FatDock, compatible with your iPod and iPhone and remotley controlled.



View all our products online at: [www.fat-man.co.uk](http://www.fat-man.co.uk)



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# iTube 202 Valve Amplifier

Single-ended Class A amplification in a beautiful design - already an icon.



## Specification

|                               |                                                         |
|-------------------------------|---------------------------------------------------------|
| <b>Power Output:</b>          | 20Wx2                                                   |
| <b>Frequency Response:</b>    | 20Hz - 20KHz ( $\pm 1.0\text{db}$ )                     |
| <b>Distortion:</b>            | $\leq 0.1\%$                                            |
| <b>Signal-To-Noise Ratio:</b> | $\geq 87\text{db}$                                      |
| <b>Input Sensitivity:</b>     | 210mV                                                   |
| <b>Input Impedance:</b>       | 100K $\Omega$                                           |
| <b>Output Impedance:</b>      | 4 $\Omega$ , 8 $\Omega$                                 |
| <b>Sub Out:</b>               | Yes                                                     |
| <b>Source Inputs:</b>         | 3xRCA Pair, 1x3.5mm Aux                                 |
| <b>Tubes Used:</b>            | 6N3 x3, KT88 x2                                         |
| <b>Power Supply:</b>          | AC100~120V/50~60Hz<br>AC220~240V/50~60Hz                |
| <b>Dimensions:</b>            | Amp (WxHxD) 370x162x285mm<br>Dock (WxHxD) 155x130x123mm |
| <b>Weight</b>                 | 12.5KGs                                                 |
| <b>Amp Type</b>               | Class A Single Ended                                    |

The iTube 202 is a Class A single-ended fully integrated amplifier, also featuring the new Fatdock, enabling the user to stream music wirelessly from dock to amplifier (see the FatDock specification out on page 18 of this brochure). One may also use a wired connection on the RCA pair on the back of the dock direct into the amplifier if preferred.

Producing a powerful 20W per channel and coupled with unrivalled audio quality and the warmth brought to you by high quality thermionic valves, The iTube 202 is an excellent option for those looking to upgrade from traditional hi-fi amps and improve their listening experience.

A must-have upgrade for your ears. Glows.



### FatDock Included

The iTube 202 comes complete with the FatDock (see page 18 for more information).



### Remote

The iTube 202 comes complete with a full function remote control (controls FatDock only).

### A must-listen amplifier – one of our best ever

The careful implementation of the KT88 and 6N3 valves produce stunning dynamic music reproduction.



# iTube 302 Valve Amplifier

Filling any room with 30 watts of superlative sonic quality, the iTube 302 redefines your expectations.



## Specification

|                               |                                                         |
|-------------------------------|---------------------------------------------------------|
| <b>Power Output:</b>          | 30Wx2                                                   |
| <b>Frequency Response:</b>    | 20Hz - 20KHz ( $\pm 1.0\text{db}$ )                     |
| <b>Distortion:</b>            | $\leq 0.1\%$                                            |
| <b>Signal-To-Noise Ratio:</b> | $\geq 90\text{db}$                                      |
| <b>Input Sensitivity:</b>     | 250mV                                                   |
| <b>Input Impedance:</b>       | 100K $\Omega$                                           |
| <b>Output Impedance:</b>      | 4 $\Omega$ , 8 $\Omega$                                 |
| <b>Sub Out:</b>               | Yes                                                     |
| <b>Source Inputs:</b>         | 3xRCA Pair, 1x3.5mm Aux                                 |
| <b>Tubes Used:</b>            | 12AX7 x3, 6L6G x2                                       |
| <b>Power Supply:</b>          | AC100~120V/50~60Hz<br>AC220~240V/50~60Hz                |
| <b>Dimensions:</b>            | Amp (WxHxD) 370x162x285mm<br>Dock (WxHxD) 155x130x123mm |
| <b>Weight</b>                 | 13Kg                                                    |
| <b>Amp Type</b>               | Class AB Push Pull                                      |

The iTube 302 is a Class AB push-pull amplifier featuring the new FatDock enabling the user to stream music wirelessly from dock to amplifier (see the FatDock specification on page 18). One may also use a wired connection on the RCA pair on the back of the dock direct into the amplifier if preferred.

Delivering 30W per channel this is an amp that will fill any room, large or small, with high-quality musical sound reproduction. As with all Fatman amps the iTube 302 gives any type of music a warmth and spatial quality that will give your favourite tracks a whole new lease of life.

Feed your senses. Warms.



### Remote

The iTube 302 comes complete with a full function remote control (controls FatDock only).



## Wireless Streaming with ValveDock

The FatDock will work with any iPod or iPhone and will stream music wirelessly (up to a range of 15m) to your iTube 302 Amplifier or if you like, any existing hi-fi amplifier (with a suitable 3.5mm or 2x RCA input).



# iTube 452 Valve Amplifier

45 watts per channel, 9 valves and 4 line input stages results in a sound full of breadth and depth.



## Specification

|                               |                                                     |
|-------------------------------|-----------------------------------------------------|
| <b>Power Output:</b>          | 45Wx2                                               |
| <b>Frequency Response:</b>    | 20Hz - 20KHz ( $\pm 1.0\text{db}$ )                 |
| <b>Distortion:</b>            | $\leq 1\%$                                          |
| <b>Signal-To-Noise Ratio:</b> | $\geq 86\text{db}$                                  |
| <b>Input Sensitivity:</b>     | 210mV                                               |
| <b>Input Impedance:</b>       | 100K $\Omega$                                       |
| <b>Output Impedance:</b>      | 4 $\Omega$ , 8 $\Omega$                             |
| <b>Sub Out:</b>               | Yes                                                 |
| <b>Source Inputs:</b>         | 3xRCA Pair, 1x6mm Aux Jack                          |
| <b>Tubes Used:</b>            | 12AX7 x5, 6L6G x4                                   |
| <b>Power Supply:</b>          | AC100~120V/50~60Hz<br>AC220~240V/50~60Hz            |
| <b>Dimensions:</b>            | (WxHxD) 420x265x154mm<br>Dock (WxHxD) 155x130x123mm |
| <b>Weight</b>                 | 23KGs                                               |
| <b>Amp Type</b>               | Class A Single Ended                                |

The flagship iTube 452 is a fully integrated push-pull amplifier featuring 9 valves and 4 line input stages to offer 45w per channel of supreme audio performance. As with all Fatman iTube valve amps, all aspects of sound reproduction are handled with incredible accuracy with a full, precise natural sound stage and the music will fill the listening room with breadth and depth. All types of music are reproduced with supreme clarity, accuracy and openness with a beautifully warm tonality. The iTube 452, like all Fatman products, achieves this superior performance and natural warmth through the employment of premium grade circuitry and high-quality thermionic valves coupled with innovative design and meticulous engineering.

Audiophiles queue here. Heavy. (And very beautiful).



Complete with Wireless FatDock  
Comes complete with full function remote control.  
For full technical description and functionality see page 18. It's really cool.



## Remote

The iTube 452 with FatDock comes complete with full function remote control (controls Dock only).



# FatBoy Speakers MkII

17

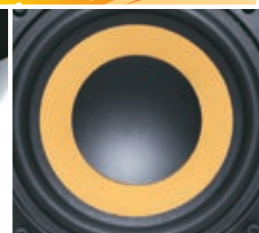
Superlative audio performance in a radical, breath-taking design. A statement of intent.

## Specification

|                             |                         |
|-----------------------------|-------------------------|
| <b>Frequency Response:</b>  | 60Hz - 22KHz            |
| <b>Nominal Impedance:</b>   | 8Ω                      |
| <b>Sensitivity:</b>         | 85dB                    |
| <b>Recommended RMS:</b>     | 100KΩ                   |
| <b>Tweeter:</b>             | 1" Neodymium            |
| <b>Driver:</b>              | 5" Kevlar               |
| <b>Crossover Frequency:</b> | 3xRCA Pair, 1x3.5mm Aux |
| <b>Dimensions:</b>          | 300x240x300mm (HxWxD)   |
| <b>Speaker Weight</b>       | 1.56KGs                 |
| <b>Base Weight</b>          | 0.79KGs                 |

The Fatboy II is a 2-way loudspeaker system that delivers linear frequency characteristics, excellent volume dispersion and time-delay compensation. Despite its compact dimensions, (bigger than a rugby ball, smaller than a baby hippo) each Fatboy II is a full range loudspeaker and will provide superlative audio performance in a radical, breath-taking design. Futuristic design - maybe - but will sit beautifully in any room in the house.

The specially tuned egg-shaped enclosures prevent resonance and standing waves and are made from a new, high-mass material (patent pending) never before used in loudspeaker manufacture. The connectors provide for a bi-wire option if preferred and the LF driver is magnetically shielded to enable positioning either side of a computer screen or TV. The low frequency driver is 5 inches in diameter and the high frequency driver is a 1 inch neodymium type.



# Fat Dock

A dock for everyone.



## Specification

|                            |                                             |
|----------------------------|---------------------------------------------|
| <b>Audio Output Level:</b> | 1.5V (RMS)                                  |
| <b>Input Connector</b>     | iPod, iPhone, 3.5mm aux                     |
| <b>Output Connectors</b>   | 1x RCA, USB, Video, S-Video, Audio Wireless |
| <b>Wireless Range</b>      | ≥15M                                        |
| <b>Input Voltage</b>       | 7.5V                                        |
| <b>Input Current</b>       | 700mA                                       |
| <b>Dimensions</b>          | (WxHxD) 170x122x110mm                       |
| <b>Weight</b>              | 1.5kg                                       |

The FatDock will work with any iPod or iPhone and will stream music wirelessly (up to a range of 15m) to your Fatman iTube Amplifier or if you like, any existing hi-fi amplifier (with a suitable 3.5mm or 2x RCA input).

Supplied with a wireless receiver that can connect to your amplifier either via RCA or 3.5mm Stereo jack it's as easy to use as an easy thing from easyland. Listen to your music via your iPod or iPhone from the comfort of your favourite beanbag without the need to get up and change tracks or to read the display on the device. It also has a 3.5mm input on it so you can connect any music-enabled device, be it CD player, MiniDisk, mobile 'phone, etc.

Life made easy. Fact.



**Perfect Synchronisation**  
FatDock also has a mini USB connector so that you can synchronise your iPod/iPhone with your music library.

**Remote**  
Control all menu and transport functions on the iPod and iPhone.

## Amplifier Comparison



|                               | iTube MkII            | Carbon Trinity                 | Wi-Tube                   | iTube 202                 | iTube 302                 | iTube 452                    |
|-------------------------------|-----------------------|--------------------------------|---------------------------|---------------------------|---------------------------|------------------------------|
| <b>Power Output:</b>          | 25Wx2                 | 25Wx2                          | 28Wx2                     | 20Wx2                     | 30Wx2                     | 45Wx2                        |
| <b>Frequency Response:</b>    | 20Hz - 20KHz (±1.5Db) | 20Hz - 20KHz (±1.5Db)          | 20Hz - 20KHz (±1.0Db)     | 20Hz - 20KHz (±1.0Db)     | 20Hz - 20KHz (±1.0Db)     | 20Hz - 20KHz (±1.0Db)        |
| <b>Distortion:</b>            | ≤0.5%                 | ≤0.5%                          | ≤0.5%                     | ≤0.1%                     | ≤0.1%                     | ≤1%                          |
| <b>Signal-To-Noise Ratio:</b> | ≥86Db                 | ≥86Db                          | ≥86Db                     | ≥87Db                     | ≥90Db                     | ≥86Db                        |
| <b>Input Sensitivity:</b>     | 350mV                 | 200mV                          | 400mV                     | 210mV                     | 250mV                     | 210mV                        |
| <b>Input Impedance:</b>       | 100KΩ                 | 100KΩ                          | 100KΩ                     | 100KΩ                     | 100KΩ                     | 100KΩ                        |
| <b>Output Impedance:</b>      | 4Ω, 8Ω                | 4Ω, 8Ω                         | 4Ω, 8Ω                    | 4Ω, 8Ω                    | 4Ω, 8Ω                    | 4Ω, 8Ω                       |
| <b>Sub Out:</b>               | N/A                   | Yes                            | N/A                       | Yes                       | Yes                       | Yes                          |
| <b>Source Inputs:</b>         | 2x RCA Pair, USB      | 2x RCA Pair, USB, 1x 3.5mm Aux | 2x RCA Pair, 1x 3.5mm Aux | 3x RCA Pair, 1x 3.5mm Aux | 3x RCA Pair, 1x 3.5mm Aux | 3x RCA Pair, 1x 6mm Aux Jack |
| <b>Tubes Used:</b>            | 6N1 x 2, 6E2 x 1      | 6E2 x 1, 6N2 x 2               | 6N1 x 1, 6N2 x 1          | 6N3 x 3, KT88 x 2         | 12AX7 x 3, 6L6G x 2       | 12AX7 x 5, 6L6G x 4          |

View all our products online at: [www.fat-man.co.uk](http://www.fat-man.co.uk)



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