

**PROFESSIONAL SOUND SYSTEMS**



# Titan<sup>TM</sup> 8 ACTIVE MK II



Wharfedale Pro are proud to announce to you the release of the improved Titan 8A MKII.

New features and improved amplifier technology make the Titan 8A MKII an even better solution for portable sound and fixed installation applications.

The 2 band EQ from the Titan 12A and 15A now features in the more compact 8A MKII model allowing fine tuning of the overall sound. In addition a rear mounted horn LED defeat switch has been added to switch off the throat mounted power LED, for use in situations where visual transparency is paramount.

Class D technology is now used for both the LF and HF sections, resulting in a more efficient and powerful system that is now even lighter than the previous generation. The Titan 8A MKII is bi-amplified with independent LF and HF signal limiting.

The Titan 8A MKII provides enough output and low frequency extension to be a standalone vocal PA for A/V and presentation work, or combined with a subwoofer for a portable band or DJ setup.

The compact and stylish form factor, range of compatible Wharfedale Pro WPB brackets and versatile rigging points make the Titan 8A MKII an equally suitable choice for an installed background music or paging solution. As with the previous generation the Titan 8A MKII is available in black, grey or white. The angled cabinet also makes the Titan 8A MKII a fantastic compact vocal foldback monitor.

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# Titan™ 8 ACTIVE MK II

## FEATURES

- 2-way bi-amplified
- Class D LF and HF power amplifiers
- Independent LF and HF signal limiting
- Thermal, DC and short circuit fault protection
- Hi / Low EQ controls
- Combo XLR / ¼" jack balanced line level input and output
- Rear panel mic / line switch
- Rear panel horn LED defeat switch
- Eight M6 threaded inserts for flown applications
- Wall mount bracket options available separately (WPB-T8 & WPB-3)
- Available in black, grey or white



## SPECIFICATIONS

Model Name	Titan™ 8 ACTIVE MKII
System Type	Active 8" 2-way Bi-Amplified system
Frequency Response (+/-3dB)	70-20kHz
<b>Low Frequency Transducer</b>	
Size (mm / inches)	205mm / 8"
Coil Size (mm / inches)	38.86mm / 1.53"
Impedance	4 Ω
<b>High Frequency Transducer</b>	
Type	Compression Driver
Coil Size (mm / inches)	25mm / 1"
Exit Size (mm / inches)	30mm / 1.2"
Diaphragm Material	Cloth
Impedance	8 Ω
High Frequency Coverage (H x V)	90° x 60°
<b>Amplifiers</b>	
Low-Frequency Power Amplifier (Class D)	Rated 150W RMS, 300W Peak
High-Frequency Power Amplifier (Class D)	Rated 30W RMS, 60W Peak
Electronic Crossover:	24dB per octave Linkwitz-Riley
Crossover Frequency	2.4kHz
Controls	High (±10dB) 10kHz Shelving
Equalization:	Low (±10dB) 100Hz Shelving
<b>Bass Response Optimizer ("BRO™") circuit</b>	
Subsonic Filter	30Hz, Second-order filter
<b>Amplifier Protection</b>	
Power On Protection	Power switch on / off mute
Thermal Protection	Amplifier shutdown, auto reset
Low Line Voltage Shut Down	< 80VAC
Driver Protection	Independent LF and HF limiters
DC Protection	Yes
Short Protection	Yes
Clip Limiter:	Turns on approx 150W output
Limiter Indicator	Red LED
Power Indicator	Blue LED

### Inputs

Input A – type	Switchable balanced mic or line level input
Input Sensitivity	Mic: -47dBu (-49.2dBv or 3.4mVrms) Line: 0dBu (-2.2dBv or 0.775Vrms)

Maximum Input Level	+22dBu
Input Connector	XLR / ¼" Combo jack
Input Impedance	Balanced: 20kΩ - Unbalanced: 10kΩ

Maximum Input Level	+22dBu
Input B – type	
Maximum Input Level	+22dBu
Input Connectors	Combo jack: 1/4" - XLR

### Line Output

Line Output Connector	Switchable LOOP / MIX Balanced Male XLR Connector
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Impedance Balanced:	Balanced: 1k ohm – Unbalanced: 500 ohm
Sensitivity	0dBu (-2.2dBv or 0.775Vrms)

### AC Power details

Power Supply	High Efficiency Switching Mode Power Supply
AC Power Options	AC100~240V, 50 / 60Hz

Power On Indicator	LED
Rigging / Bracket / Mounting Options	8 M6 threaded inserts including 4 M6 threaded inserts on bottom in OmniMount 30.0-type footprint Pole-mount receptacle with lock screw 1 carry handles ( on each side) Optional wall-mount bracket

### Enclosure

Enclosure Material	Injection Moulded Polypropylene
Colour	Grey,Black or white
Dimensions (mm / inches): H×W× D	396mm / 15.59" × 266mm /10.47" × 221mm / 8.7"

### Weight

Net Weight (kg / lbs)	6.25kg / 13.75lbs
Gross Weight (kg / lbs)	8.15kg/ 17.93lbs