

**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                            |
| Low Frequency Transducer                  |                                     |
| Size (mm / inches)                        | 205mm / 8"                          |
| Coil Size (mm / inches)                   | 38.86mm / 1.53"                     |
| Impedance                                 | 4 Ω                                 |
| High Frequency Transducer                 |                                     |
| 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°                           |
| Amplifiers                                |                                     |
| 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          |
| Bass Response Optimizer ("BRO™") circuit  |                                     |
| Subsonic Filter                           | 30Hz, Second-order filter           |
| Amplifier Protection                      |                                     |
| 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)<br>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                                                                                                                                                           |
| 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<br>Pole-mount receptacle with lock screw<br>1 carry handles ( on each side)<br>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                                                                                                                                                                                            |