

TitanTM

S E R I E S

Active & passive | portable & versatile

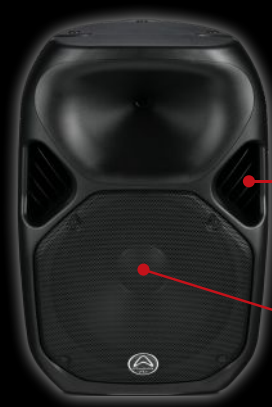


Titan™ SERIES

Titan™ Series --- VERSATILE LIGHTWEIGHT PA SPEAKERS, DURABLE FOR INDOORS AND OUT

For many years the name 'Titan' has become the benchmark for portable and versatile loudspeakers. Titans are used day in, night out around the world in almost every audio environment imaginable. Available in active or passive, black or white, Titans deliver high quality audio with peace of mind reliability.

Designed to perform in portable and fixed installation applications alike Titans, with their ultra-lightweight composite enclosure, offer a range of mounting options including tripod floor stands, wall mounting brackets or even on their side as a floor monitor.

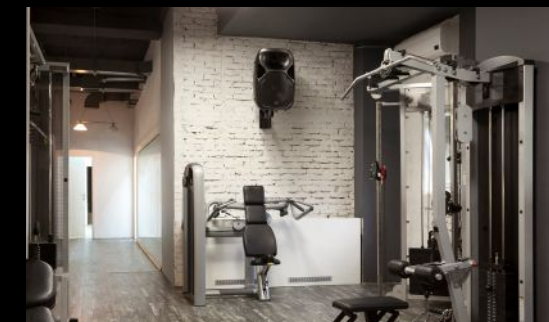


LAMINAR RIB
FLOW LIGHT
WEIGHT CABINET
CONSTRUCTION

MOISTURE
PROOF WOOFER

Titans use state of the art, gas assist injection moulding technology, plus an internal laminar flow rib pattern, increasing rigidity and reducing its weight compared with standard injection moulded enclosures.

Although the product weight and rubberised handles are perfect for the mobile musician, this technology also lends itself to installations where weight is an issue, not to mention that the polypropylene material and moisture proof woofers can withstand extreme outdoor conditions.



DESIGN



Titan loudspeakers are cosmetically designed for practical, real-world applications. On stage or for installation, comprehensive mounting points and optional hardware allows a Titan to be placed almost anywhere.

IRIS X driver technologies

The coil size and electrical sensitivity of a loudspeaker transducer is critical to its performance. Our new Titan X loudspeakers now include our proprietary IRIS X design which delivers Increased coil Radius and Increased electrical Sensitivity. The radius of the coil ensures smooth heat dissipation during prolonged high volume use, while the increased electrical sensitivity ensures that the transducer converts as much electrical power into sound output as the laws of physics allow.

A hot transducer wastes energy, risks damage and distorts. IRIS X reduces this through improved heat dissipation and improved efficiency.

In real-world terms, IRIS X transducers deliver higher SPL with less distortion. They lead the market with specifications and are designed and built entirely within Wharfedale Pro.



I Increased
R Radius
I Increased
S Sensitivity

Titan 12" and Titan 15" models use IRIS X HF drivers. With the largest voice coils and highest sensitivity in their class, it's these transducers which make a Titan truly unique.



IP54 Certified

IP54 certification assures that the product has

- Limited protection against dust ingress.
- Protection against splash water from any direction.

All Titan full-range models are IP54 Certified. A Titan is ideal for installations into hostile environments. Complete peace of mind - and protection.

Titan 8

Versatile and lightweight - Durable for indoors and out

The Titan 8 passive speaker combines the Titan technology, materials and design philosophy and includes a heavy-duty cast-frame woofer. This ensures absolute accuracy, high output and the smooth, wide dispersion of the critical mid and high frequency ranges.

Titan 8 is ultra-compact and lightweight so lends itself to a whole host of audio applications from gym installations, DJ booth monitors and public address.



Optional WPB-T8 mounting kit

- 150W RMS / 300W Program / 600W Peak
- 124dB Max SPL
- 70Hz – 20kHz frequency response
- Custom 8" Heavy duty moisture-proof LF driver
- Proprietary 90° x 60° Elliptical Wave Guide Horn design
- High-end Titanium HF Compression Driver
- Sophisticated Linkwitz-Riley 24dB/octave crossover design
- Tough, yet lightweight Polypropylene molded cabinet with rubber padded handles
- Multiple M6, M8 & M10 rigging points and integral tripod stand adapter
- Trapezoid shape for arrays as well as stage monitor applications
- Titan Tourbags available
- Both 1/4" and NL4 connectors provided
- Available in black, white or grey



Titan-X12 & X15

Our versatile passive Titans

The Titan-X12 and X15 feature all-new HF and LF drivers. The IRIS X HF compression driver has been completely reevaluated for both coverage and sound quality ensuring a much smoother sound, especially at high output.

The all-new LF driver has improved moisture rejection characteristics which allows Titan-X to be installed into hostile environments.

We have also tweaked the laminar rib cabinet structure to improve structural strength for durability and acoustic performance. Titan-X raises the bar for portable PA and is built to last.

- HF Drivers have been honed acoustically for HF frequency detail and power
- LF Drivers reject moisture for resistance in all environments
- Proprietary 100° x 80° Hybrid Symmetry Horn design
- Tough, yet lightweight Dynamic Polypropylene cabinet with rubber padded handles
- 10 x M8 rigging points and integral tripod stand adapter
- Rugged protective grille and top-stacking receptacles
- Trapezoid design for arrays as well as stage monitor applications
- Available in black or white



Titan-12Z & 15Z

The highest power handling Titans - EVER !

Do not be deceived by familiar looks. The Titan-Z's may appear cosmetically to be the same as our Titan-X - but, it is what is inside that matters.

Titan-12Z and 15Z feature extreme power handling transducers with high electrical sensitivity. This results in unimaginable power handling specifications and remarkable SPL. Custom built Wharfedale Pro drivers are what makes this possible.

The Titan-15Z features an enormous 4" LF voice coil for breath-taking power handling capabilities along with an enhanced compression driver with a 2" coil. Meanwhile the smaller Titan-12Z features a category leading 3" LF voice coil and our acclaimed IRIS X compression driver with its 1.75" voice coil.

- Extended-range, super sensitive Titanium dome HF drivers
- New 2" voice coil HF compression driver (15Z)
- Titan 12Z - 132dB Max SPL - 2000w peak
- Titan 15Z - 133.5dB Max SPL - 2800w peak
- Massive voice coils for improved heat dissipation and power handling
- Compatible with all Titan mounting hardware.

2800w
Peak



2000w
Peak



Titan-AX12 & AX15

Active

Using state of the art, bi-amplified technology coupled with the same rugged build of the Titan X Passive speakers, Titan AX12 and AX15 actives are ready for almost anywhere - band practice, on stage, in studios, at rehearsals, theaters, even houses of worship.

Bi-Amplified

Engineers have selected the perfect amplifier combination for the transducers and crossovers. The AX12 and AX15 each include 2 discrete amplifiers to ensure maximum efficiency and unparalleled audio quality.

Protection

Active models feature a comprehensive self protection system to ensure reliable operation right up to the power limit. Intelligent electronics constantly monitor for DC, overload, short circuit, thermals and LF/HF limiting giving you peace of mind and preventing internal damage.

Onboard mixing

The AX12 and AX15 active models feature handy mixing functions. Two inputs with separate level controls allow for overall balance and control. With easy interfacing to external mixers and processors its simple to connect to larger systems or to expand the system.



Flagship DSP

Titan AX12 and AX15 active loudspeakers now feature our cutting edge 6-position DSP engine. No other competitive model features such powerful and effective DSP.

This new DSP engine provides sophisticated internal loudspeaker management functions. These include limiting, compression, signal delay, dynamic boost, dynamic cut, crossover control and parametric EQ. Micro adjustments within each parameter ensure sonic clarity over the full frequency range.

We've optimised these DSP parameters to create 6 user-friendly settings including Monitor, Speech, Bass, Punch and an exclusive mode called "Live". This Live mode applies different DSP settings to each of the 2 inputs - perfect for solo entertainers using a mic and a line level source.

DSP SETTINGS	
1	EQ FLAT
2	MONITOR
3	SPEECH
4	BASS
5	PUNCH
6	LIVE



- New IRIS X4 HF Drivers have been honed acoustically for high-frequency detail and power
- New LF Drivers reject moisture for resistance in all environments
- New Proprietary 100° x 80° Hybrid Symmetry Horn design
- New category leading DSP functions
- New tweaked laminar rib structure
- Integral mixer functions
- AX12 – 300 watts programme / 600 watts peak
- AX15 – 420 watts programme / 840 watts peak
- Class D Bi-amplified
- Tough, yet lightweight Dynamic Polypropylene cabinet with rubber padded handles
- 10 x M8 rigging points and integral tripod stand adapter
- Rugged protective grille and top-stacking receptacles
- Trapezoid design for arrays as well as stage monitor applications
- Available in black or white
- Titan Tourbags available

T-Sub-AX15B

Everyone loves bass !

That is exactly why we have created the T-Sub-AX15B - our all-new new 700w Continuous, 1400w Peak 15" active subwoofer.

The internal Class D amplifier delivers huge output power into the custom quad-layer 15" Wharfedale Pro LF driver to produce extreme subs and low end pressure into any system.

Built for big bass, the plywood constructed cabinet is rock solid and is protected in durable Rhino Rock paint.

You'll not only 'feel' the T-Sub-AX15B, but you will also see it! A new illuminated WP logo badge subtly glows and adds to the overall on-stage "power" of the new T-Sub.

T-Sub-AX15B is the perfect companion for a Titan active.

Hold on to your socks!
T-Sub-AX15B is going to blow them off!

15" ACTIVE SUBWOOFER

- ✔ 700w Continuous (1400w peak)
- ✔ 3.0" voice coil - Quad layer driver
- ✔ Plywood construction
- ✔ Illuminated LED front logo badge
- ✔ Convection cooled Class D amplifier
- ✔ Adjustable low pass filter
- ✔ 35mm pole socket & durable side handles



T-Sub with Titan

700w Continuous

+75%
power over
Titan Sub A15 MKII

1400w PEAK



SPECIFICATIONS ACTIVE



Model Name	T-Sub-AX15B
System Type	Active 15" Subwoofer
Frequency Response (+/-3dB)	45Hz-200Hz
Sensitivity @ 1W / 1m	97dB
Maximum SPL (peak@1m)	129dB
Low Frequency Transducer	
Size (mm / inches)	404mm / 15"
Coil Size (mm / inches)	Quad layer 3.0"
Impedance	4Ω
Amplifier	
Low-Frequency Power Amplifier (Class D)	700w Continuous / 1400w Peak
Crossover Frequency	LPF 80-200Hz (adjustable)
Controls	
Amplifier Protection	Yes
Power On Protection	Power switch on / off mute
Thermal Protection	Amplifier shutdown, auto reset
Driver Protection	Yes
DC Protection	Yes
Short Protection	Yes
Limiter Indicator	Red LED
Input type	Balanced
Input Connector	Female XLR
Input Impedance	47KΩ Balanced
Maximum Input Level	5V
Input Sensitivity	-10dB
Input Connectors	Female XLR
Line Output Connector	Male XLR
Phase Switch Selection	0° / 180°
AC Power details	
Power Supply	SMPS
AC Power Options	100V-120V and 200V-240V
Power Indicator	Green(back) / Blue logo(front)
Enclosure	
Enclosure Material	15mm Plywood
Colour	Black
Grille	1.5mm steel
Pole Mount(Top)	35mm
Dimensions (Unpacked):	
Height	591mm / 23.27"
Width	454mm / 17.9"
Depth	523.9mm / 20.63"
Dimensions (packed):	
Height	689mm / 27.1"
Width	544mm / 21.4"
Depth	610mm / 24.0"
Weight	
Net Weight (kg / lbs)	25.7kg / 56.5lbs
Gross Weight (kg / lbs)	29.5kg / 64.9lbs

Titan 8A MKII

Versatile, lightweight and powered.

The Titan 8A MKII active PA speaker combines the Titan technology, materials and design topology, including a titanium compression driver and heavy-duty cast-frame woofer, to ensure absolute accuracy, high output and the smooth, wide dispersion of the critical mid and high frequency ranges. Whilst being ultra-compact and light weight it lends itself to a whole host of audio applications from gym installations, DJ booth monitors and public address.

Indoor and outdoor installation

Although the product weight and rubberised handles are perfect for the mobile musician, this technology also lends itself to installations where weight is an issue, not to mention that the polypropylene material and moisture proof woofers can withstand outdoor conditions.

Additional protection can be found with the Titan Tourbags, custom made speaker bags with an unzippable front panel meaning your Wharfedale Pro loudspeaker is always protected.

Titan 8A MKII is available in Black or White.

IP54 Certified

IP54 certification assures that the product has

- Limited protection against dust ingress.
- Protection against splash water from any direction.

This makes the Titan 8a MKII ideal for installations into hostile environments. Complete peace of mind and protection.



Poles, mounts and brackets

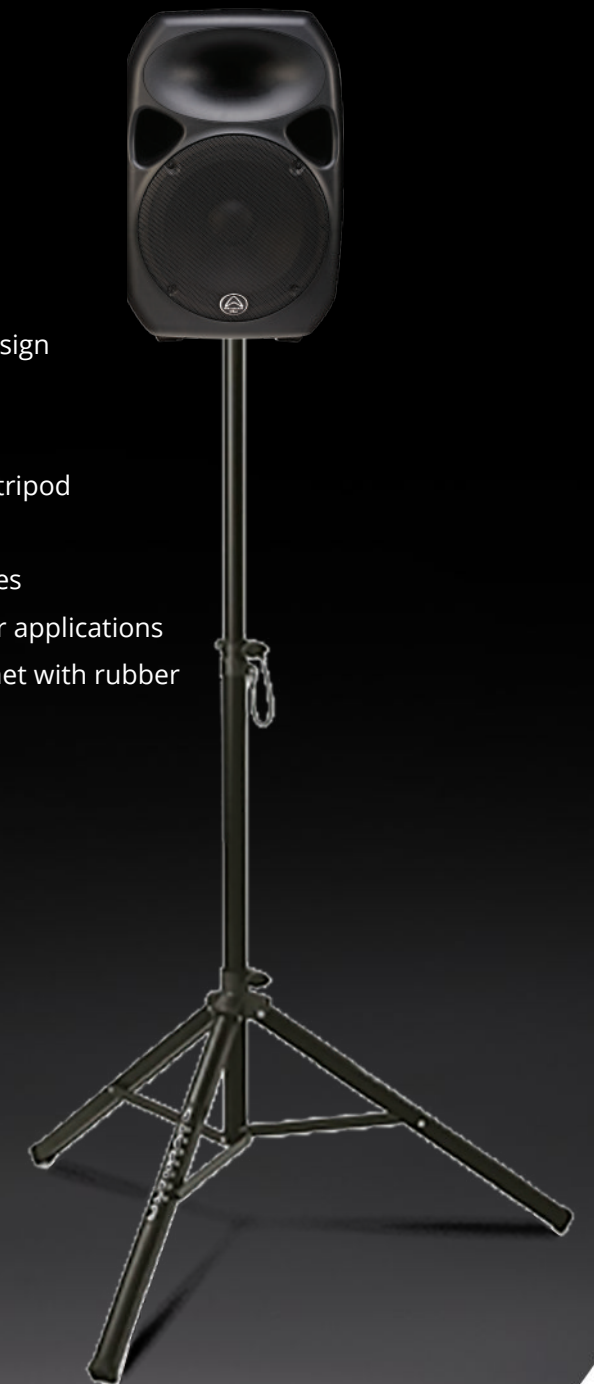
On the base of the Titan Series is a convenient pole mount socket that is used for easy mounting on a standard 35mm diameter speaker poles. Cord wrap and cable anchor features are also moulded into the enclosure to keep things tidy.

Threaded rigging points are provided for a variety of safe flying configurations and Titan 8A MKII can be wall mounted using the optional WPB-T8.

- 180W RMS / 360W Peak
- 124dB Max SPL
- 70Hz – 20kHz frequency response
- Custom Heavy duty moisture-proof 8" LF driver
- Proprietary 90° x 60° Elliptical Wave Guide Horn design
- High-end Titanium HF Compression Driver
- 2-band Hi / Low shelf EQ
- Multiple M6, M8 & M10 rigging points and integral tripod stand adapter
- Rugged protective grille and top-stacking receptacles
- Trapezoid shape for arrays as well as stage monitor applications
- Tough, yet lightweight Polypropylene molded cabinet with rubber padded handles



Optional WPB-T8 mounting kit



Titan Sub-A12

Delivering low end punch in a portable package

The Titan Sub-A12 is powerful 12" reflex subwoofer designed to provide bass extension for Titan 8A MKII for an incredibly portable sound reinforcement setup. A built-in 250 watt (continuous), 500 watt (peak) amplifier conveniently accepts stereo or mono line level inputs via dual, balanced, XLR-1/4" combo connectors.



12" active reflex subwoofer

- Low-frequency power amplifier (class D) 250w rms, 500w peak
- Preset integral peak limiter prevents signal distortion and amplifier clipping
- Integral phase switch with 0° and 180° selections
- Adjustable crossover frequency: 80hz/100hz/120hz/150hz/180hz/200hz
- High pass frequency selection: 150hz
- Thermal, DC fault and short circuit protection
- XLR / 1/4" combo jack inputs
- Balanced line level output
- Integral pole mount adapter



Mounting hardware and options

12" and 15" models have a top stacking feature for multi-loudspeaker stacking applications and all Titan models can be used on their sides as stage monitors. Rubber-padded carry handles make the job of transporting the enclosure even easier.



On the base is a convenient pole mount socket that is used for easy mounting on a standard 35mm diameter speaker poles. Cord wrap and cable anchor features are also moulded into the enclosure. Threaded rigging points are provided for a variety of safe flying configurations with four of these inserts available, bottom-mounted.

More protection, same convenience

Wharfedale Pro Titan Tourbags add exceptional protection. The padded tourbags have been intelligently designed with removable front covers, rear panels, side panels and speaker pole sections so you can move and install your speaker without ever having to take the tourbags off. The front cover removes to show a unique mesh material, which adds additional protection and leaves the sound unfettered.

Choose Titan 8 tourbag for all Titan 8" models. Titan 12" tourbag for all Titan 12" models and Titan 15" tourbag for all 15" models.



SPECIFICATIONS PASSIVE



Model Name	Titan 8	Titan-X12	Titan-X15
System Type	Passive	Passive	Passive
Configuration	8" 2-way	12" 2-way	15" 2-way
Frequency Response (+/-3dB)	70 - 20kHz	55Hz-20kHz	50Hz-20kHz
Frequency Range (-10dB)	65 - 20kHz	50Hz-20kHz	40Hz-20kHz
Sensitivity (2.83v/1m)	96dB	98dB	97dB
Calculated Maximum SPL @1m	124dB	128dB	129dB
System Rated Impedance	8Ω	8Ω	8Ω
Low Frequency Transducer			
Size	203mm / 8"	305mm / 12"	381mm / 15"
Voice Coil Size	38.86mm / 1.53"	64.26mm / 2.5"	75mm / 3.0"
Rated Impedance	8Ω	8Ω	8Ω
LF Power (re:AES2-2012)	150w	250w	400w
High Frequency Transducer			
HF Driver Type	Compression Driver	Compression Driver	Compression Driver
Voice Coil Size	25mm / 1"	44mm / 1.75"	44mm / 1.75"
Exit Size	30mm / 1.2"	25mm / 1"	25mm / 1"
Diaphragm Material	Mylar	Titanium	Titanium
Rated Impedance	8Ω	8Ω	8Ω
HF Power (re:AES2-2012)	20w	40w	40w
Nominal Coverage (H x V)	Elliptical waveguide 90° x 60°	Hybrid Symmetry Horn 100°x80°	Hybrid Symmetry Horn 100°x80°
Power			
System Continuous Power	150w	250w	400w
System Programme Power	300w	500w	800w
System Peak Power	600w	1000w	1600w
Crossover frequency	2-way 2.4kHz / Linkwitz-Riley	2.6kHz	2.7kHz
Input Connector	2 x NL4 (speakON compatible) 2 x 1/4" Jack	2 x NL4 (speakON compatible)	2 x NL4 (speakON compatible)
Hardware			
Pole Mount	35mm with lock screw	35mm with lock screw	35mm with lock screw
Handles	1 on side	2 on sides	2 on sides
Mounting points	M6 * 8	M8 * 10	M8 * 10
Enclosure			
Enclosure Material	Trapezoidal / Polypropylene	Trapezoidal / Polypropylene	Trapezoidal / Polypropylene
Finish	Grey, Black, White	Black / white	Black / white
Grille Material & Finish	1.2 steel	1.2 steel	1.2 steel
Dimensions - Unpacked			
Height	396mm / 15.59"	582.7mm / 22.9"	728.5mm / 28.7"
Width Front	266mm / 10.47"	384.6mm / 15.1"	480.6mm / 18.9"
Width Rear	266mm / 10.47"	384.6mm / 15.1"	480.6mm / 18.9"
Depth	221mm / 8.7"	318.6mm / 12.5"	395.6mm / 15.6"
Dimensions - Packed			
Height	463mm / 18.2"	663mm / 26.1"	830mm / 32.7"
Width Front	325mm / 12.8"	435mm / 17.1"	514mm / 20.2"
Width Rear	325mm / 12.8"	435mm / 17.1"	514mm / 20.2"
Depth	282mm / 11.1"	408mm / 16.1"	489mm / 19.3"
Weight			
Net Weight (kg / lbs)	5.5kg / 12.1 lbs	12.0kg / 26.4lbs	22.0kg / 48.4lbs
Gross Weight (kg / lbs)	7.5kg / 16.5 lbs	15.1kg / 33.2lbs	26.8kg / 59.0lbs

SPECIFICATIONS PASSIVE



Model Name	Titan-12Z	Titan-15Z
System Type	Passive	Passive
Configuration	12" 2-way	15" 2-way
Frequency Response (+/-3dB)	55Hz-20kHz	45Hz-20kHz
Frequency Range (-10dB)	50Hz-20kHz	40Hz-20kHz
Sensitivity (2.83v/1m)	99dB	99dB
Calculated Maximum SPL @1m	132dB	133.5dB
System Rated Impedance	8Ω	8Ω
Low Frequency Transducer		
Size	305mm / 12"	381mm / 15"
Voice Coil Size	75mm / 3.0"	100mm / 4.0"
Rated Impedance	8Ω	8Ω
LF Power (re:AES2-2012)	500w	700w
High Frequency Transducer		
HF Driver Type	Compression Driver	Compression Driver
Voice Coil Size	44mm / 1.75"	50mm / 2.0"
Exit Size	25mm / 1"	25mm / 1"
Diaphragm Material	Titanium	Titanium
Rated Impedance	8Ω	8Ω
HF Power (re:AES2-2012)	40W	50W
Nominal Coverage (H x V)	Hybrid Symmetry Horn 100°x80°	Hybrid Symmetry Horn 100°x80°
Power		
System Continuous Power	500w	700W
System Programme Power	1000w	1400w
System Peak Power	2000w	2800w
Crossover frequency	2.1kHz	2.1kHz
Input Connector	2 x NL4 (speakON compatible)	2 x NL4 (speakON compatible)
Hardware		
Pole Mount	35mm with lock screw	35mm with lock screw
Handles	2 on sides	2 on sides
Mounting points	M8 * 10	M8 * 10
Enclosure		
Enclosure Material	Trapezoidal / Polypropylene	Trapezoidal / Polypropylene
Finish	Black / white	Black / white
Grille Material & Finish	1.2 steel	1.2 steel
Dimensions - Unpacked		
Height	582.7mm / 22.9"	728.5mm / 28.7"
Width Front	384.6mm / 15.1"	480.6mm / 18.9"
Width Rear	384.6mm / 15.1"	480.6mm / 18.9"
Depth	318.6mm / 12.5"	395.6mm / 15.6"
Dimensions - Packed		
Height	663mm / 26.1"	830mm / 32.7"
Width Front	435mm / 17.1"	514mm / 20.2"
Width Rear	435mm / 17.1"	514mm / 20.2"
Depth	408mm / 16.1"	489mm / 19.3"
Weight		
Net Weight (kg / lbs)	15.7kg / 34.5lbs	25.8kg / 56.8lbs
Gross Weight (kg / lbs)	18.8kg / 41.2lbs	30.6kg / 67.3lbs

SPECIFICATIONS ACTIVE



Model Name	Titan-AX12	Titan-AX15
System Type	Active 12" 2-way Bi-Amplified	Active 15" 2-way Bi-Amplified
Frequency Response (+/-3dB)	55Hz-20kHz	50Hz-20kHz
Frequency Range (-10dB)	50Hz-20kHz	40Hz-20kHz
Calculated Maximum SPL @1m	128dB	129dB
LF Transducer Size (mm / inches)	305mm / 12"	381mm / 15"
Coil Size (mm / inches)	64.26mm / 2.5"	75mm / 3.0"
HF Transducer Type	Compression Driver	Compression Driver
Coil Size (mm / inches)	44mm / 1.75"	44mm / 1.75"
Exit Size (mm / inches)	25mm / 1"	25mm / 1"
Diaphragm Material	Titanium	Titanium
Nominal Coverage (H x V)	Hybrid Symmetry Horn 100° x 80°	Hybrid Symmetry Horn 100° x 80°
Amplifiers		
Low-Frequency Power Amplifier RMS/Peak Watts	250/500W (Class D)	350/700W (Class D)
High-Frequency Power Amplifier RMS/Peak Watts	50/100W (Class D)	70/140W (Class D)
Controls---EQ	Note - EQ changed by DSP knob	Note - EQ changed by DSP knob
DSP	6 user presets	6 user presets
Hi Pass switch	90Hz	90Hz
Amplifier Protection / Thermal protection	Yes	Yes
Low Line Voltage Shut Down	60% Nominal line voltage	60% Nominal line voltage
Driver Protection	Independent LF and HF limiters	Independent LF and HF limiters
DC Protection / Short Protection	Yes	Yes
Clip Limiter	Turns on ~250W output	Turns on ~350W output
Limiter Indicator / Power Indicator	Red LED / Green LED	Red LED / Green LED
Connectors		
Input - type	Switchable balanced mic/line level (Chan 1)	Switchable balanced mic/line level (Chan 1)
Input Connector	2 * XLR & 2 * 1/4" jack (Chan 1 Line/MIC)	2 * XLR & 2 * 1/4" jack (Chan 1 Line/MIC)
Line Output Connector	Switchable LOOP/MIX Balanced Female XLR	Switchable LOOP/MIX Balanced Female XLR
AC Power Supply	SMPS	SMPS
AC Power Options	AC100-120V/220-240V~ 50/60Hz	AC100-120V/220-240V~ 50/60Hz
Hardware		
Rigging / Bracket / Mounting Options	10 M8 threaded inserts including 4 M8 threaded inserts on bottom in OmniMount 30.0-type footprint	10 M8 threaded inserts including 4 M8 threaded inserts on bottom in OmniMount 30.0-type footprint
	35mm receptacle with lock screw	35mm receptacle with lock screw
	2 carry handles (one on each side)	2 carry handles (one on each side)
	Optional wall-mount bracket	Optional wall-mount bracket
LED Horn lighting (On/Off switch)	Yes	Yes
Enclosure Material and finish	Injection Moulded Polypropylene	Injection Moulded Polypropylene
Colour Options	Black / White	Black / White
Grille Material & Finish	1.2mm steel	1.2mm steel
Dimensions - Unpacked - Height	582.7mm / 22.9"	728.5mm / 28.7"
Width Front	384.6mm / 15.1"	480.6mm / 18.9"
Depth	318.6mm / 12.5"	395.6mm / 15.6"
Dimensions - packed - Height	663mm / 26.1"	830mm / 32.7"
Width Front	435mm / 17.1"	514mm / 20.2"
Depth	408mm / 16.1"	489mm / 19.3"
Net Weight (kg / lbs)	12.4kg / 27.28lbs	22.94kg / 50.3lbs
Gross Weight (kg / lbs)	15.5kg / 34.1lbs	27.7kg / 60.9lbs

SPECIFICATIONS ACTIVE



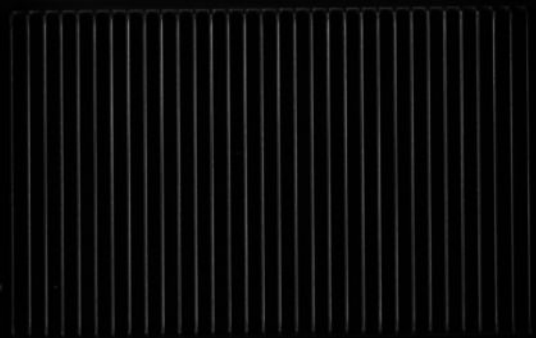
Model Name	Titan 8A MKII	Titan Sub A12
System Type	Active 8" 2-way Bi-Amplified	Active 12" Reflex Subwoofer
Frequency Response (+/-3dB)	70Hz-20kHz	55Hz-200Hz
Frequency Range (-10dB)	65Hz-20kHz	50Hz-200Hz
Calculated Maximum SPL @1m	124dB	127dB
LF Transducer Size (mm / inches)	205mm / 8"	305mm / 12"
Coil Size (mm / inches)	38.86mm / 1.53"	64.26mm / 2.5"
HF Transducer Type	Compression Driver	-
Coil Size (mm / inches)	25mm / 1"	-
Exit Size (mm / inches)	30mm / 1.2"	-
Diaphragm Material	Mylar	-
Nominal Coverage (H x V)	Elliptical waveguide 90° x 60°	-
Amplifiers		
Low-Frequency Power Amplifier RMS/Peak Watts	150/300W (Class D)	250/500W (Class D)
High-Frequency Power Amplifier RMS/Peak Watts	30/60W (Class D)	-
Controls---EQ	High (±10dB)10kHz Shelving Low (±10dB) 100Hz Shelving	Crossover filter : 80Hz - 200Hz (adjustable)
DSP	None	-
Hi Pass switch	-	150Hz
Amplifier Protection / Thermal protection	Yes	Yes
Low Line Voltage Shut Down	60% Nominal line voltage	60% Nominal line voltage
Driver Protection	Independent LF and HF limiters	Independent LF limiters
DC Protection / Short Protection	Yes	Yes
Clip Limiter	Turns on ~150W output	Tums on ~250W output
Limiter Indicator / Power Indicator	Red LED / Green LED	Red LED / Green LED
Connectors		
Input - type	Switchable balanced mic/line level	0 / 180° phase switch
Input Connector	XLR 1/4"Combo Jack	2 * XLR 1/4" Combo Jack
Line Output Connector	Switchable LOOP/MIX Balanced Female XLR	Hi Pass out : 2 * Balanced XLR
AC Power Supply	SMPS	SMPS
AC Power Options	AC100-120V~/220-240V~,50/60Hz	AC100-120V~/220-240V~,50/60Hz
Hardware		
Rigging / Bracket / Mounting Options	8 M6 threaded inserts inc 4 M6 threaded inserts on base in OmniMount 30.0-type footprint	-
	35mm with lock screw	35mm socket
	1 carry handle on side	2 carry handles (one on each side)
	Optional wall-mount bracket	N/A
LED Horn lighting (On/Off switch)	Yes	No
Enclosure Material and finish	Injection Moulded Polypropylene	15mm MDF
Colour Options	Grey / White / Black	Grey / Black
Grille Material & Finish	1.2mm steel	1.2mm steel
Dimensions - Unpacked - Height	396mm / 15.59"	360mm / 14.2"
Width Front	266mm / 10.47"	493mm / 19.4"
Depth	221mm / 8.7"	431mm / 16.9"
Dimensions - packed - Height	463mm / 18.2"	440mm / 17.3"
Width Front	325mm / 12.8"	560mm / 22.0"
Depth	282mm / 11.1"	440mm / 17.3"
Net Weight (kg / lbs)	6.25kg / 13.75lbs	22.31kg / 49.0lbs
Gross Weight (kg / lbs)	8.75kg / 17.94lbs	26.26kg / 57.8lbs



Wharfedale
Pro

WWW.WHARFEDALEPRO.COM

Titan-AX15



DSP SETTING

1	2	3	4	5	6
FLAT	MONITOR	SPEECH	BASS	PUNCH	LIVE

VOLUME VOLUME DSP

MIC LINE FRONT LED /SOFT KEY

POWER ON OFF

AC INPUT AC 230V 50Hz MAXIMUM POWER 150VA 200W

Serial No. WP 10 100 18DH0031



IAG House, 13/14 Glebe Road, Huntingdon, Cambridgeshire, PE29 7DL, UK
www.wharfedalepro.com

The information in this brochure is subject to change without notice.

All rights reserved © 2020 Wharfedale Pro. Wharfedale Pro is a member of the International Audio Group.