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# TOURUS SERIES ACTIVE LOUDSPEAKERS

*Multiple inputs... with Maximum power output*

- ✓ Available with Mic, Line, RCA, USB and BLUETOOTH inputs
- ✓ Bi-amplified with high power output
- ✓ Easy operation
- ✓ Portable and durable
- ✓ Custom Wharfedale Pro drivers
- ✓ 1.75" HF compression driver
- ✓ Convection cooling
- ✓ 4 x M8 rigging points



# TOURUS



**Tourus-AX12 and Tourus-AX12-MBT  
12" Active**

**350w Continuous**

**700w Peak**



**Tourus-AX15 and Tourus-AX15-MBT  
15" Active**

**450w Continuous**

**900w Peak**

Constructed of durable polypropylene and using a full-face steel front grille, TOURUS loudspeakers are robust and versatile - ideal for DJ's, musicians and installations.

Custom Wharfedale Pro drivers have been used. Both models use a class-leading 1.75" HF compression driver to ensure clear and accurate high frequency performance. Meanwhile the large 2.0" voice coils used in the LF drivers give efficient power handling, even at extreme volumes.

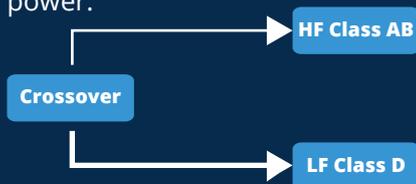
Both models are bi-amplified using Class D for the LF and a newly designed Class AB amplifier for the HF. This combination gives a great power to price ratio.

Simple operation is the key though - with +/-12dB treble and bass controls and straightforward connectivity, even the most inexperienced user can achieve great sound.

## BI-AMPLIFIED

TOURUS active loudspeakers contain 2 discrete amplifiers. This ensures the best matching with the custom transducers.

The HF component is driver by a Class AB amplifier while the LF is driven by a Class D amplifier. This gives a practical balance between weight, cost and power.



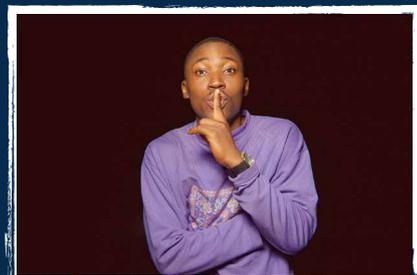
## No Fans = silent operation and high reliability

sssssh !

The two amplifiers inside a TOURUS are extremely efficient. So efficient that they can use convection cooling. This means that there are no fans!

Fans inside loudspeakers can add to operational noise, weight, price and can lead to reliability issues. TOURUS has no fan!

Sssssh! - Silent and reliable operation.



## Large 1.75" HF voice coil

TOURUS loudspeakers use the largest HF voice coils in their class.



A custom made Wharfedale Pro compression driver delivers crisp and precise high frequencies, even at extreme volumes.

## Optional TOURUS Soft cover

With soft internal padding these optional accessories are ideal for simple transportation or as a dust cover when the TOURUS is not being used.

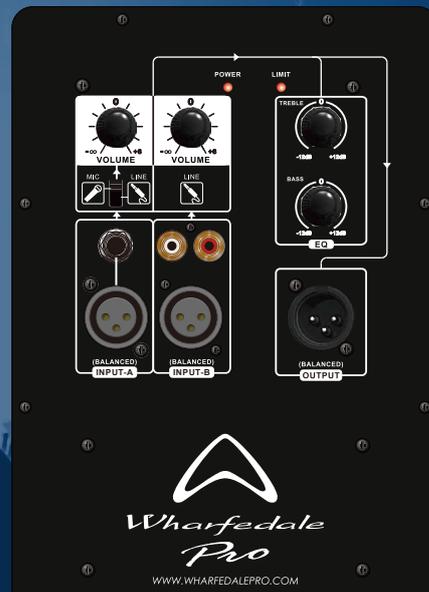
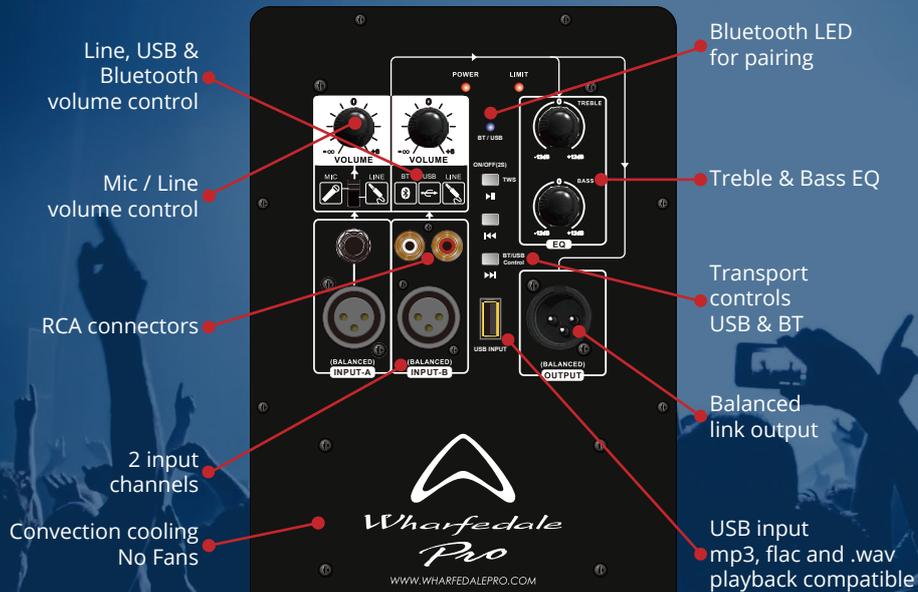
The TOURUS carry handles are easily accessible even when it is inside its TOURUS Soft cover.



# AROUND THE BACK

Tourus-AX12-MBT and Tourus-AX15-MBT

Tourus-AX12 and Tourus-AX15



## CHOICES, CHOICES....CHOICES....

The power of TOURUS not only comes from its efficient amplification electronics and custom made drivers. It also comes from the input stages.

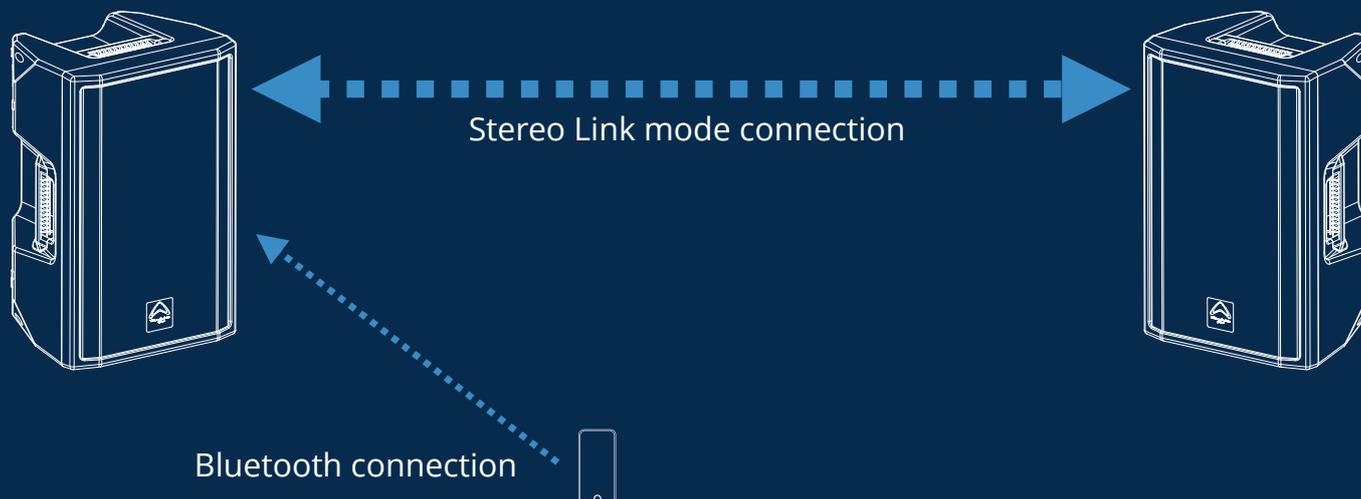
Connect a balanced microphone. Connect 2 balanced line inputs and even connect DJ and domestic equipment using the stereo RCA jacks. Simple connections for maximum usability.

In addition, the MBT model includes both BLUETOOTH and USB thumb drive inputs. Its quick and easy to pair your mobile device over BLUETOOTH allowing for high quality wireless audio to stream into the TOURUS. Alternatively, insert a USB thumb drive containing audio files and control backing tracks or background music with the handy transport controls.

**Multiple inputs....with maximum power output!**

## CONNECTIVITY

Using the BT Stereo link mode, 2 units of TOURUS-MBT create their own Stereo linked pair. TOURUS uses TWS (True Wireless Stereo) technology to create a controllable linked pair of speakers from a single Bluetooth input.



## EVERYONE LOVES BASS.

To enhance a TOURUS system, the T-Sub-AX15B is the perfect active subwoofer partner. With 700w of Class D Continuous power driving a custom WP 15" Quad layer driver, T-Sub-AX15B is sonically matched for a TOURUS.



T-Sub with  
**TOURUS**



## ILLUMINATION

TOURUS not only sounds great - but looks great too! A new, illuminated front grille logo badge adds visual power to the system! Eye catching and cool.



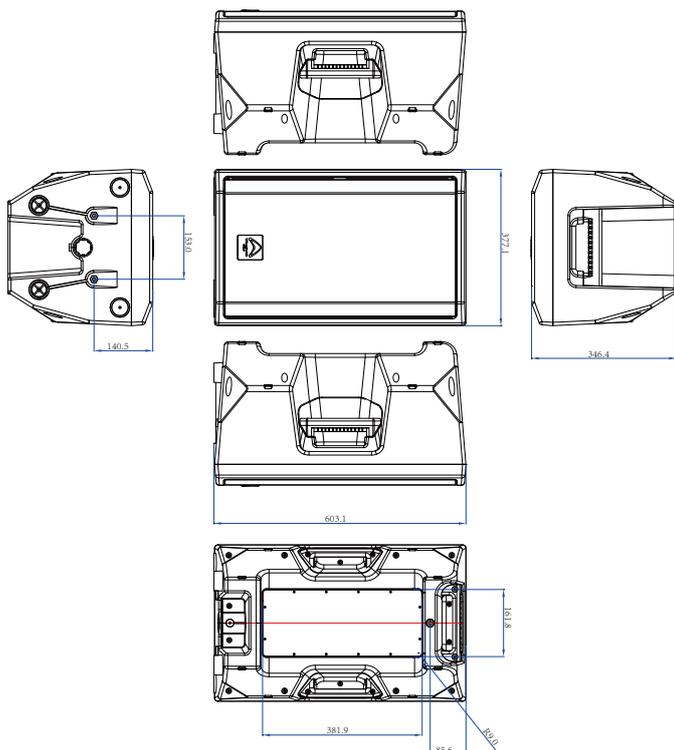
## RCA CONNECTORS

To allow for easy connection to 'consumer' level devices, TOURUS features standard domestic stereo RCA inputs.

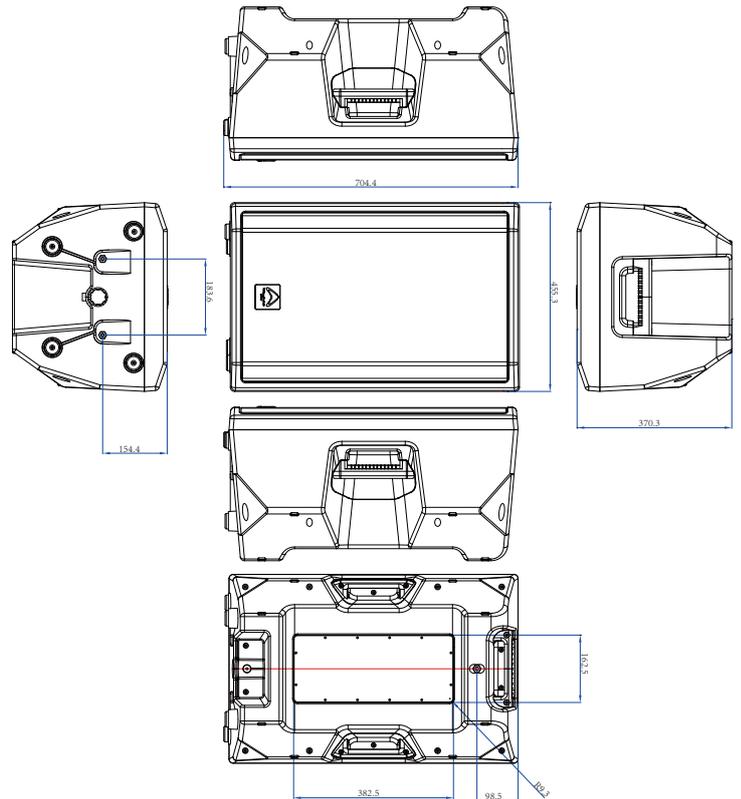
## READY FOR RIGGING

The cabinet of TOURUS contains 4 x M8 rigging points along with the integral 35mm pole socket. This makes a TOURUS great for fixed installation.

**Tourus-AX12 and Tourus-AX12-MBT**



**Tourus-AX15 and Tourus-AX15-MBT**



# SPECIFICATIONS



Model Name	Tourus-AX12	Tourus-AX12-MBT	Tourus-AX15	Tourus-AX15-MBT
System Type	Active 12" 2-way Bi-Amplified	Active 12" 2-way Bi-Amplified	Active 15" 2-way Bi-Amplified	Active 15" 2-way Bi-Amplified
Frequency Response (+/-3dB)	55-20kHz	55-20kHz	50-20kHz	50-20kHz
Sensitivity @ 1w / 1m	96dB	96dB	97dB	97dB
Maximum SPL (peak @1m)	128 dB	128 dB	130 dB	130 dB
<b>Low Frequency Transducer</b>				
Size (mm / inches)	305mm / 12"	305mm / 12"	381mm / 15"	381mm / 15"
Coil Size (mm / inches)	50.8mm / 2.0"	50.8mm / 2.0"	50.8mm / 2.0"	50.8mm / 2.0"
Impedance	4Ω	4Ω	4Ω	4Ω
<b>High Frequency Transducer</b>				
Type	Compression Driver	Compression Driver	Compression Driver	Compression Driver
Coil Size (mm / inches)	44.5mm / 1.75"	44.5mm / 1.75"	44.5mm / 1.75"	44.5mm / 1.75"
Exit Size (mm / inches)	25mm / 1"	25mm / 1"	25mm / 1"	25mm / 1"
Diaphragm Material	Titanium	Titanium	Titanium	Titanium
Impedance	8Ω	8Ω	8Ω	8Ω
High Frequency Coverage (H x V)	90° x 60°	90° x 60°	90° x 60°	90° x 60°
<b>Amplifiers</b>				
Low-Frequency Power Amplifier (Class D)	250w Continuous / 500w Peak	250w Continuous / 500w Peak	350w Continuous / 700w Peak	350w Continuous / 700w Peak
High-Frequency Power Amplifier (Class AB)	100w Continuous / 200w Peak			
<b>Electronic Crossover</b>				
Crossover Frequency	HI PASS 2.5kHz LOW PASS 2.5kHz	HI PASS 2.5kHz LOW PASS 2.5kHz	HI PASS 2.4kHz LOW PASS 2.4kHz	HI PASS 2.4kHz LOW PASS 2.4kHz
<b>Controls</b>				
Equalization	+/-12dB Gain for bass and treble			
<b>Amplifier Protection</b>				
Power On Protection	Power switch on / off mute			
Thermal Protection	Amplifier shutdown, auto reset			
Driver, DC and Short Protection	Yes	Yes	Yes	Yes
Limiter Indicator	Red LED	Red LED	Red LED	Red LED
Power Indicator	Green LED	Green LED	Green LED	Green LED
Input type	Balanced	Balanced / BT / USB	Balanced	Balanced / BT / USB
Input Connectors	2 x TRS JACK, 2 x RCA AND 2 x FEMALE XLR	2 x TRS JACK, 2 x RCA AND 2 x FEMALE XLR	2 x TRS JACK, 2 x RCA AND 2 x FEMALE XLR	2 x TRS JACK, 2 x RCA AND 2 x FEMALE XLR
Input Impedance	47KΩ Balanced	47KΩ Balanced	47KΩ Balanced	47KΩ Balanced
Maximum Input Level	5V	5V	5V	5V
Line Input Sensitivity	-10dB	-10dB	-10dB	-10dB
Mic Input Sensitivity	-40dB	-40dB	-40dB	-40dB
Line Output Connector	MALE XLR	MALE XLR	MALE XLR	MALE XLR
<b>AC Power details</b>				
Power Supply	SMPS	SMPS	SMPS	SMPS
AC Power Options	100V-120V and 200V-240V	100V-120V and 200V-240V	100V-120V and 200V-240V	100V-120V and 200V-240V
Power On Indicator	LED	LED	LED	LED
Rigging / Bracket / Mounting Options	4 x M8 35mm Pole-mount with lock screw 3 carry handles (one on each side, one on top) Optional wall-mount bracket (WPB-2)	4 x M8 35mm Pole-mount with lock screw 3 carry handles (one on each side, one on top) Optional wall-mount bracket (WPB-2)	4 x M8 35mm Pole-mount with lock screw 3 carry handles (one on each side, one on top) Optional wall-mount bracket (WPB-2)	4 x M8 35mm Pole-mount with lock screw 3 carry handles (one on each side, one on top) Optional wall-mount bracket (WPB-2)
<b>Enclosure</b>				
Enclosure Material	Injection Moulded Polypropylene	Injection Moulded Polypropylene	Injection Moulded Polypropylene	Injection Moulded Polypropylene
Colour	black	black	black	black
Grille	1.2mm steel	1.2mm steel	1.2mm steel	1.2mm steel
<b>Dimensions (Unpacked)</b>				
Height	603mm / 23.7"	603mm / 23.7"	693mm / 27.3"	693mm / 27.3"
Width - Front	377mm / 14.8"	377mm / 14.8"	455mm / 17.9"	455mm / 17.9"
Width - Rear	217mm / 8.54"	217mm / 8.54"	262mm / 10.3"	262mm / 10.3"
Depth	347mm / 13.7"	347mm / 13.7"	401.8mm / 15.1"	401.8mm / 15.1"
<b>Dimensions (packed)</b>				
Height	666mm / 26.2"	666mm / 26.2"	762mm / 30.0"	762mm / 30.0"
Width	430mm / 16.9"	430mm / 16.9"	508mm / 20.0"	508mm / 20.0"
Depth	408mm / 16.1"	408mm / 16.1"	425mm / 16.7"	425mm / 16.7"
<b>Weight</b>				
Net Weight (kg / lbs)	15.0kg / 33.0lbs	15.0kg / 33.0lbs	19.2kg / 42.2lbs	19.2kg / 42.2lbs
Gross Weight (kg / lbs)	17.0kg / 37.4lbs	17.0kg / 37.4lbs	22.0kg / 48.4lbs	22.0kg / 48.4lbs

Errors and omissions excepted (E&OE) : Wharfedale Pro : 2020