

TITAN 12Z - SPEC CHECK

HOW DOES THE NEW TITAN 12Z COMPARE TO OTHER 12" TITANS IN OUR PORTFOLIO?

Model Name	TITAN 12Z	TITAN X12	TITAN 12
System Type	Passive	Passive	Passive
Configuration	12" two-way	12" two-way	12" two-way
Frequency Response (+/-3dB)	55Hz-20kHz	55Hz-20kHz	55Hz-20kHz
Frequency Range (- 10 dB)	50Hz-20kHz	50Hz-20kHz	50Hz-20kHz
Sensitivity 2.83v/1m	99dB	98dB	98dB
Calculated Maximum SPL @1m	132dB	128dB	128dB
System Rated Impedance	8Ω	8Ω	8Ω
Low Frequency Transducer			
Size (mm / inches)	305mm / 12"	305mm / 12"	305mm / 12"
Voice-Coil Size (mm / inches)	75mm / 3.0"	64.26mm / 2.5"	64.26mm / 2.5"
Rated Impedance	8Ω	8Ω	8Ω
LF Power re:AES2-2012	500w	250w	250w
High Frequency Transducer			
HF Driver Type:	Compression Driver	Compression Driver	Compression Driver
Coil Size (mm / inches)	44mm / 1.75"	44mm / 1.75"	44mm / 1.75"
Exit Size (mm / inches)	25mm / 1"	25mm / 1"	25mm / 1"
Diaphragm Material	Titanium	Titanium	Titanium
Rated Impedance	8Ω	8Ω	8Ω
HF Power re:AES2-2012	40W	40w	40w
Nominal Coverage (H x V)	Hybrid Symmetry Horn 100° x 80°	Hybrid Symmetry Horn 100° x 80°	Elliptical waveguide 90° x 60°
Power			
System Continuous Power (w)	500w	250w	250w
System Programme Power (w)	1000w	500w	500w
System Peak Power (w)	2000w	1000w	1000w
Crossover frequency	2.1kHz	2.6kHz	2-way 2.2kHz / Linkwitz-Riley
Input Connector	2 x NL4 (speakON compatible)	2 x NL4 (speakON compatible)	2 x NL4 (speakON compatible) / 2 x 1/4" Jacks
Hardware			
Rigging / Bracket / Mounting Options	10 M8 threaded inserts including 4 M8 threaded	10 M8 threaded inserts including 4 M8 threaded	10 M8 threaded inserts including 4 M8 threaded
	inserts on bottom in OmniMount 60.0-type footprint	inserts on bottom in OmniMount 60.0-type footprint	inserts on bottom in OmniMount 60.0-type footprint
	Pole-mount receptacle with lock screw	Pole-mount receptacle with lock screw	Pole-mount receptacle with lock screw
Handles	Optional wall-mount bracket	Optional wall-mount bracket	Optional wall-mount bracket
	2 carry handles (one on each side)	2 carry handles (one on each side)	2 carry handles (one on each side)
Enclosure			
Enclosure Material and finish	Injection Moulded Polypropylene	Injection Moulded Polypropylene	Polypropylene
Colour Options	Black / white	Black	Grey / Black / White
Grille Material & Finish	steel	steel	steel
Dimensions - Unpacked (mm / inches):			
Height	582.7mm / 22.9"	582.7mm / 22.9"	556mm / 21.88"
Width Front	384.6mm / 15.1"	384.6mm / 15.1"	384.6mm / 15.1"
Width Rear	384.6mm / 15.1"	384.6mm / 15.1"	384.6mm / 15.1"
Depth	318.6mm / 12.5"	318.6mm / 12.5"	312mm / 12.3"
Dimensions - Packed (mm / inches):			
Height	663mm / 26.1"	663mm / 26.1"	663mm / 26.1"
Width Front	435mm / 17.1"	435mm / 17.1"	435mm / 17.1"
Width Rear	435mm / 17.1"	435mm / 17.1"	435mm / 17.1"
Depth	408mm / 16.1"	408mm / 16.1"	408mm / 16.1"
Net Weight (kg / lbs)	15.7kg / 34.5bs	12.0kg / 26.4lbs	12.0kg / 26.4lbs
Gross Weight (kg / lbs)	18.8kg / 41.2lbs	15.1kg / 33.2lbs	15.1kg / 33.2lbs



TITAN 15Z - SPEC CHECK

HOW DOES THE NEW TITAN 15Z COMPARE TO OTHER 15" TITANS IN OUR PORTFOLIO?

Model Name	Titan-15Z	TITAN X15	Titan-15
System Type	Passive	Passive	Passive
Configuration	15" 2-way	15" 2-way	15" 2-way
Frequency Response (+/-3dB)	45Hz-20kHz	50Hz-20kHz	50Hz-20kHz
Frequency Range (- 10 dB)	40Hz-20kHz	40Hz-20kHz	40Hz-20kHz
Sensitivity 2.83v/1m	99dB	97dB	97dB
Calculated Maximum SPL @1m	133.5dB	129dB	129dB
System Rated Impedance	8Ω	8Ω	8Ω
Low Frequency Transducer			
Size (mm / inches)	381mm / 15"	381mm / 15"	381mm / 15"
Voice-Coil Size (mm / inches)	100mm / 4.0"	75mm / 3.0"	75mm / 3.0"
Rated Impedance	8Ω	8Ω	8Ω
LF Power re:AES2-2012	700w	400w	400w
High Frequency Transducer			
HF Driver Type:	Compression Driver	Compression Driver	Compression Driver
Coil Size (mm / inches)	50mm / 2.0"	44mm / 1.75"	51mm / 2.0"
Exit Size (mm / inches)	25mm / 1"	25mm / 1"	25mm / 1"
Diaphragm Material	Titanium	Titanium	Titanium
Rated Impedance	8Ω	8Ω	8Ω
HF Power re:AES2-2012	50W	40w	40w
Nominal Coverage (H x V)	Hybrid Symmetry Horn 100°x80°	Hybrid Symmetry Horn 100°x80°	Elliptical waveguide 90° x 60°
Power			
System Continuous Power (w)	700w	400w	400w
System Programme Power (w)	1400w	800w	800w
System Peak Power (w)	2800w	1600w	1600w
Crossover frequency	2.1kHz	2.7kHz	2-way 1.8kHz / Linkwitz-Riley
Input Connector	2 x NL4 (speakON compatible)	2 x NL4 (speakON compatible)	2 x NL4 (speakON compatible) + 2* 1/4" jacks
Hardware			
Rigging / Bracket / Mounting Options	10 M8 threaded inserts including 4 M8 threaded	10 M8 threaded inserts including 4 M8 threaded	10 M8 threaded inserts including 4 M8 threaded
	inserts on bottom in OmniMount 60.0-type footprint	inserts on bottom in OmniMount 60.0-type footprint	inserts on bottom in OmniMount 60.0-type footprint
	Pole-mount receptacle with lock screw	Pole-mount receptacle with lock screw	Pole-mount receptacle with lock screw
	Optional wall-mount bracket	Optional wall-mount bracket	Optional wall-mount bracket
Handles	2 carry handles (one on each side)	2 carry handles (one on each side)	2 carry handles (one on each side)
Enclosure			
Enclosure Material and finish	Injection Moulded Polypropylene	Injection Moulded Polypropylene	Polypropylene
Colour Options	Black / White	Black / White	Grey / Black / White
Grille Material & Finish	steel	steel	steel
Dimensions - Unpacked (mm / inches):			
Height	728.5mm / 28.7"	728.5mm / 28.7"	708.3mm / 27.9"
Width Front	480.6mm / 18.9"	480.6mm / 18.9"	477.8mm / 18.8"
Width Rear	480.6mm / 18.9"	480.6mm / 18.9"	477.8mm / 18.8"
Depth	395.6mm / 15.6"	395.6mm / 15.6"	401.77mm / 15.8"
Dimensions - Packed (mm / inches):			
Height	830mm / 32.7"	830mm / 32.7"	830mm / 32.7"
Width Front	514mm / 20.2"	514mm / 20.2"	514mm / 20.2"
Width Rear	514mm / 20.2"	514mm / 20.2"	514mm / 20.2"
Depth	489mm / 19.3"	489mm / 19.3"	489mm / 19.3"
Net Weight (kg / lbs)	25.8kg / 56.8lbs	22.0kg / 48.4lbs	22.0kg / 48.4lbs
Gross Weight (kg / lbs)	30.6kg / 67.3lbs	26.8kg / 59.0lbs	26.8kg / 59.0lbs

