## TITAN 12Z - SPEC CHECK

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

<table-row>sharpNameNameNameNameConstructionName<th></th><th></th><th></th><th></th></table-row>				
changening19th many may any set of the s	Model Name	TITAN 12Z	TITAN X12	TITAN 12
<table-container><table-row><table-row><math><table-row><table-row><table-row><math><table-row><table-row><table-row><table-row><table-row><table-row><table-row><table-row><table-row><table-row><table-row><table-row><table-row><table-row><table-row><table-row><table-row><table-row><table-row><table-row><table-row><table-row><table-row><table-row></table-row></table-row></table-row></table-row></table-row></table-row></table-row></table-row></table-row></table-row></table-row></table-row></table-row></table-row></table-row></table-row></table-row></table-row></table-row></table-row></table-row></table-row></table-row></table-row></math></table-row></table-row></table-row></math></table-row></table-row></table-container>	System Type	Passive	Passive	Passive
Propendy finge (1043)945-034/e945-034/e946-034/eSarandy 250/fm946946946Sarandy 250/fm940940940Sarandy 250/fm960960960Sarandy 260960960960Sarandy 260960960 </td <td>Configuration</td> <td>12" two-way</td> <td>12" two-way</td> <td>12" two-way</td>	Configuration	12" two-way	12" two-way	12" two-way
<table-row>single9494949494Calcadorang May5050505050Calcadorang May50&lt;</table-row>	Frequency Response (+/-3dB)	55Hz-20kHz	55Hz-20kHz	55Hz-20kHz
Calciand Maximum SPL BitmStaReStaReStaReStaReStaReSystem Read ImpedanceSint	Frequency Range (- 10 dB)	50Hz-20kHz	50Hz-20kHz	50Hz-20kHz
<table-container>System ReaderB0B0B0B0Low Let FurtherSimm 1/2"Simm 1/1"Simm 1/2"Simm 1/2"Simm 1/2"<td< td=""><td>Sensitivity 2.83v/1m</td><td>99dB</td><td>98dB</td><td>98dB</td></td<></table-container>	Sensitivity 2.83v/1m	99dB	98dB	98dB
Correquency TransducerUse with the probability of the probabili	Calculated Maximum SPL @1m	132dB	128dB	128dB
<table-row><table-row>Sixem/netaSixem/2Sixem/2Sixem/2Sixem/2Sixem/2Varial Column LandowAlaram LandowAlaram LandowAlaram LandowAlaram LandowKarlandowSixemSixemSixemSixemSixemKarlandowSixemSixemSixemSixemSixemKarlandowSixemSixemSixemSixemSixemKarlandowSixemSixemSixemSixemSixemKarlandowSixemSixemSixemSixemSixemKarlandowSixemSixemSixemSixemSixemKarlandowSixemSixemSixemSixemSixemKarlandowSixemSixemSixemSixemSixemKarlandowSixemSixemSixemSixemSixemKarlandowSixemSixemSixemSixemSixemKarlandowSixemSixemSixemSixemSixemKarlandowSixemSixemSixemSixemSixemSixem Rain KarlandowSixemSixemSixemSixemSixem Rain KarlandowSixemSixemSixemSixemSixem Rain KarlandowSixemSixemSixemSixemSixem Rain KarlandowSixemSixemSixemSixemSixem Rain KarlandowSixemSixemSixemSixemSixem Rain KarlandowSixemSixemSixemSixemSixem Rain KarlandowSixemSixem<td>System Rated Impedance</td><td>28</td><td>8Ω</td><td>8Ω</td></table-row></table-row>	System Rated Impedance	28	8Ω	8Ω
Noise-Califizier (minimulation)Finant (Minimulation)Finant (Minimulation)Finant (Minimulation)Hand (minimulation)GamGamGamGamGamHigher (Horse)Gompession DriverGompession DriverGompession DriverGompession DriverGompession DriverGompession DriverGam <td>Low Frequency Transducer</td> <td></td> <td></td> <td></td>	Low Frequency Transducer			
<table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container>	Size (mm / inches)	305mm / 12''	305mm / 12"	305mm / 12''
BipMonreckS22012SolveSolveSolveHigherspreadCompession DriverCompession DriverCompessio	Voice-Coil Size (mm / inches)	75mm / 3.0''	64.26mm / 2.5"	64.26mm / 2.5"
HyperperformUniversityUniversityUniversityHolmspinGampingGampingGampingGampingGalageimpingGampingGampingGampingGampingBadeimpedingGampingGampingGampingGampingBadeimpedingGampingGampingGampingGampingBadeimpedingGampingGampingGampingGampingBadeimpedingGampingGampingGampingGampingBadeimpedingGampingGampingGampingGampingSystem PorsewGampingGampingGampingGampingSystem PorsewGampingGampingGampingGampingGamping GampingGampingGampingGampingGampingGamping GampingGampingGamping <td>Rated Impedance</td> <td>28</td> <td>8Ω</td> <td>8Ω</td>	Rated Impedance	28	8Ω	8Ω
Picker Type:Compression DriverCompression DriverCompression DriverCompression DriverCall Size (mr) / Inches)44mm / 1.75°44mm / 1.75°44mm / 1.75°Diaphragm MaterialTitaniumTitaniumTitaniumBatter Impedance808080Nominal Coverage (H xV)Hybrid Symmetry Horn 100° x 80°Hybrid Symmetry Horn 100° x 80°Hybrid Symmetry Horn 100° x 80°System Programme Power (W)500500500System Programme Power (W)10005000000System Programme Power (W)210002100021000System Programme Power (W)100002100021000System Programme Power (W)210002100021000System Programme Power (W)210002100021000System Programme Power (W)1000021000210000System Programme Power (W)210000210000210000System Programme Power (W)210000210000210000System Programme Power (W)210000210000210000System Programme Power (W)2100002100002100000System Programme Power (W)2100000210000021000000System Programme Power (W)21000000000000021000000000000000000000000000000000000	LF Power re:AES2-2012	500w	250w	250w
AnswerAdmin 1.75°Admin 1.75°Admin 1.75°Disphagen MarchalSamin 1°Samin 1°Samin 1°Bati Sie (may 1nches)Samin 1°Samin 1°Samin 1°BandhangBanumanTanlumanTanlumanTanlumanBati Ale (mag 1.64)Bati 10000Bati 10000Bati 10000Bati Bowerge (H x)Bati 10000Bip 100000Bip 100000Bip 100000System Program Power (MarchalSamin 100000SovSovSovSystem Program Power (MarchalSati 100000SovSovSovSystem Program Power (MarchalSati 1000000SovSovSovSystem Program Power (MarchalSati 1000000000000000000000000000000000000	High Frequency Transducer			
Batis Sau (mm / Index)Simm / 1°Simm / 1°Simm / 1°Dispharger MaterialTaniumTaniumTaniumTaniumBatel Impedance808080Batel Impedance80%40%80%Norminal Coverage (fi x)Hydrid Symmetry Horn 100° x 80°Hydrid Symmetry Horn 100° x 80°Biplicit Waveguide 90° x 60°Power50%50%50%60%System Forsparme Power (M)50%50%60%60%System Poster (M)2000°1000°000%60%Cossover frequency2000°2041%20%22ht/ Linkwitz-Riley Cossover frequency20%2ht/ Linkwitz-Riley Cossover freque	HF Driver Type:	Compression Driver	Compression Driver	Compression Driver
Dappend MaterialTaniumTaniumTaniumTaniumRared ImpedanceR0R0R0R0Rared ImpedanceR0R0R0R0RF Power rexLSS-2012Hybrid Symmety Horn 100* R0*Bilpetal waveguide 90* R0*R0Power rexLSS-2012Hybrid Symmety Horn 100* R0*Bilpetal waveguide 90* R0*R0Power rexLSS-2012SomSomSomR0Power rexLSS-2012SomSomSomR0System Poarme Power (w)SomSomSomR0System Poarme Power (w)R0SomR0R0System Poarme Power (w)SomSomR0R0System Poarme Power (w)R0SomR0R0System Poarme Power (w)SomSomR0R0System Poarme Power (w)R0R0R0R0System Poarme Power (w)SomSomR0R0System Poarme Power (w)SomSomR0R0 <td>Coil Size (mm / inches)</td> <td>44mm / 1.75"</td> <td>44mm / 1.75"</td> <td>44mm / 1.75"</td>	Coil Size (mm / inches)	44mm / 1.75"	44mm / 1.75"	44mm / 1.75"
Back mixed mix	Exit Size (mm / inches)	25mm / 1"	25mm / 1"	25mm / 1"
Hi Power ARS2-2012QiMQiMQiMQiMQiMQiMNominet YRANDKerton <td>Diaphragm Material</td> <td>Titanium</td> <td>Titanium</td> <td>Titanium</td>	Diaphragm Material	Titanium	Titanium	Titanium
Naminal Goverage (H × V)Hybrid Symmetry Horn 100* x 80°Hybrid Symmetry Horn 100* x 80°Elliptical waveguide 90° x 60°PowerSystem Torgammet Nower (w)SlowSlowSlowSystem Program Power (w)SlowSlowSlowSlowSystem Program Power (w)SlowSlowSlowSlowSlowCrossover frequencyLakeSlowSlowSlowSlowCrossover frequencyLakeSlowSlowSlowSlowSlowBright Gracket / Mounting OptionsIn MB threaded inserts including 4 MB threadedIn MB threaded inserts including 4 MB threadedInserts on bottom in OmniMount 60.Slow is flow is flowSlow is flowSlow is flowHaddesNotestradeSlowSlow is flowSlow is flowSlow is flowSlow is flowSlow is flowSlow is flowSlow is flowHaddesSlowSlowSlowSlowSlowSlowSlowSlowSlowSlowSlowSlowSlowSlowHaddesSlowS	Rated Impedance	8Ω	8Ω	8Ω
Prover    Signer Continuous Power (w)    Solv    Solv    Solv      System Pox Power (w)    1000w    Solv    Solv    Solv      System Pox Power (w)    2000w    Lobow    Dolow    Dolow      Crossover frequency    2.1 kHz    2.6 kHz    2.way 2.2 kHz/ Linkwitz. Alley      Input Connector    2.x NL4 (speakON compatible)    2.x NL4	HF Power re:AES2-2012	40W	40w	40w
System Continuous Power (w)SolveSolveSolveSolveSystem Programme Power (w)1000v1000v1000v1000vCrossover frequency2 kN4000k1000v1000vData Consover frequency2 kN4 (speakOn compatible)2 kN4 (speakOn compatible	Nominal Coverage (H x V)	Hybrid Symmetry Horn 100° x 80°	Hybrid Symmetry Horn 100° x 80°	Ellipitcal waveguide 90° x 60°
System Programme Power (w)1000wSolowSystem Programme Power (w)2000w1000w1000wCrossover frequency2.1 kHz2.6 kHz2.6 kHzInput Connector2.x NL4 (speak ON compatible)2.x NL4 (speak ON compatible)2.x NL4 (speak ON compatible)Rigging / Bracket / Mounting Options10.M8 threaded inserts including AM threaded10.M8 threaded inserts including AM threaded10.M8 threaded inserts including AM threadedRigging / Bracket / Mounting Options10.M8 threaded inserts including AM threaded10.M8 threaded inserts including AM threaded10.M8 threaded inserts including AM threadedRigging / Bracket / Mounting Options10.M8 threaded inserts including AM threaded10.M8 threaded inserts including AM threaded10.M8 threaded inserts including AM threadedRigging / Bracket / Mounting Options10.M8 threaded inserts including AM threaded10.M8 threaded inserts including AM threaded10.M8 threaded inserts including AM threadedRigging / Bracket / Mounting OptionsInserts on bottom in OmniMout 60.0+by type forpting10.M8 threaded inserts including AM threaded10.M8 threaded inserts including AM threadedRigging / Brack / Matei2.0100000000000000000000000000000000000	Power			
System Peak Power (w)2000w1000w1000wCrossover frequency2.1kHz2.6kHz2.way 2.2kHz / Linkwitz-RileyLinkut Connector2 x NL4 (speakON compatible)2 x NL4 (speakON compatible)2 x NL4 (speakON compatible)Input Connector2 x NL4 (speakON compatible)2 x NL4 (speakON compatible)2 x NL4 (speakON compatible)Hardware	System Continuous Power (w)	500w	250w	250w
Crossover frequency21kHz2.6kHz2.ekH2, Compatible2.wN2, 2.kH2, Linkwitz-RileyInput Connector2.x NL4 (speakON compatible)2.x NL4 (speakON compatible)2.x NL4 (speakON compatible), Z x NL4 (speakON compatible), Z	System Programme Power (w)	1000w	500w	500w
hybrid  2 x NL4 (speakON compatible)  2 x NL4 (speakON compatible)  2 x NL4 (speakON compatible)    hardware	System Peak Power (w)	2000w	1000w	1000w
mund coll2 Articl (speakon connpatible)2 Articl (speakon connpatible)1/4* jacksHardwareBigging / Bracket / Mounting Options10 M8 threaded inserts including 4 M810 M8 threaded inserts including 4 M810 M8 threaded inserts including 4 M8Bigging / Bracket / Mounting Options10 M8 threaded inserts including 4 M810 M8 threaded inserts including 4 M810 M8 threaded inserts including 4 M8Bigging / Bracket / Mounting Options10 M8 threaded inserts including 4 M810 M8 threaded inserts including 4 M810 M8 threaded inserts including 4 M8Bigging / Bracket / Mounting Options10 Pole-mount receptacle with lock screwPole-mount rec	Crossover frequency	2.1kHz	2.6kHz	2-way 2.2kHz / Linkwitz-Riley
Rigging / Bracket / Mounting Options10 MB threaded inserts including 4 MB threaded10 MB threaded inserts including 4 MB threaded10 MB threaded inserts including 4 MB threadedRigging / Bracket / Mounting Optionsinserts on bottom in OnniMount 60.0-byp footprintinserts on bottom in OnniMount 60.0-byp footprintinserts on bottom in OnniMount 60.0-byp (potprint)inserts on bottom in OnniMount 60.0-byp (potprint)Pole-mount receptade with lock screePole-mount receptade with lock screeOptional wall-mount bracketOptional wall-mount bracketQ ary handles (one one ach side)2 ary handles (	Input Connector	2 x NL4 (speakON compatible)	2 x NL4 (speakON compatible)	
Naging r Bracket / Moduling Optionsthreadedthreadedthreadedthreadedinserts on bottom in OmniMout 60.0-type footprintinserts on bottom in OmniMout 60.0-type footprintPole-mount receptade with lock screePole-mount receptade with lock screeOptional wall-mount bracketOptional wall-mount bracketOptional wall-mount bracketBand Pole2 carry handles (one on each side)2 carry handles (one on each side)2 carry handles (one on each side)EnclosureInjection Moulded PolypropyleneInjection Moulded PolypropylenePolypropyleneBack / whiteBlack / whiteBlackGrag / Black / WhiteColour OptionsBlack / whiteBlackGrag / BlackDimensions - Unpacked (mm / Inches):Size / mm / 22.9"Size / mm / 23.8"Width FrontS44.6mm / 15.1"S44.6mm / 15.1"S44.6mm / 15.1"Width ForntS44.6mm / 15.1"S44.6mm / 15.1"S44.6mm / 15.1"DepthAlsem / 12.5"Size / mm / 25.9"Size / mm / 25.9"HeightGasm / 26.1"Gasm / 26.1"Gasm / 26.1"Width ForntS44.6mm / 15.1"S44.6mm / 15.1"S44.6mm / 15.1"DepthAlsem / 12.9"Size / MillSize / MillWidth ForntSize / MillSize / MillSize / AlseWidth ForntSiz	Hardware			
footprint    footprint    footprint    type footprint      Pole-mount receptade with lock screw    Pole-Mount Screw    Pole-Mount Screw	Rigging / Bracket / Mounting Options		10 M8 threaded inserts including 4 M8 threaded	10 M8 threaded inserts including 4 Ma threaded
AndlesOptional wall-mount bracketOptional wall-mount bracketOptional wall-mount bracketHandlescarry handles(one on each side)carry handles (one on each side)carry handles (one on each side)EnclosureInjection Moulded PolypropyleneInjection Moulded PolypropylenePolypropyleneColour OptionsBack / whiteBlackGrey / Black / WhiteGrille Material & FinishseelseelseelDimensions-Unpacket (mm / infection)S82.7mm / 22.9mS82.7mm / 22.9mSform / 21.8mWidth FrontS84.6mm / 15.1mS84.6mm / 15.1mS84.6mm / 15.1mDepthS84.6mm / 15.1mS84.6mm / 15.1mS84.6mm / 15.1mDepthGamm / 26.1mSism / 12.9mSism / 21.9mWidth FrontSism / 12.5mSism / 21.9mSism / 21.9mHeightGamm / 26.1mSism / 21.9mSism / 21.9mHeightSism / 12.1mSism / 12.1mSism / 21.9mHeightSism / 12.1mSism / 12.1mSism / 12.1mHeightSism / 12.1mSism / 12.1mSism / 12.1mHeightSism / 12.1mSism / 12.1mSism / 12.1mWidth FrontSism / 12.1mSism / 12.1				inserts on bottom in OmniMount 60.0 type footprint
Handles2 carry handles (one on each side)2 carry handles (one on each side)2 carry handles (one on each side)EnclosureInjection Moulded PolypropyleneInjection Moulded PolypropylenePolypropylenePolypropyleneColour OptionsBack / whiteBackGrey / Black / WhiteGrille Material & FinishstelstelstelDimensions - Unpacked (mm / inches):Si2.7mm / 22.9"Si2.7mm / 22.9"Si6.mm / 15.1"Width Front84.6mm / 15.1"84.6mm / 15.1"Si4.6mm / 15.1"Depth384.6mm / 15.1"Si8.6mm / 15.1"Si3.6mm / 12.3"Dimensions - Packed (mm / inches):Si3.6mm / 12.5"Si3.6mm / 12.5"Width Front63mm / 26.1"Si3.6mm / 12.5"Si3.6mm / 12.5"Height63mm / 26.1"Gi3mm / 26.1"Gi3mm / 26.1"Width Front43mm / 17.1"Si3.7mm / 23.0"Si3.7mm / 23.0"Width Front43mm / 17.1"Si3.7mm / 23.0"Si3.7mm / 23.0"Width Front43mm / 17.1"Si3.7mm / 23.0"Si3.7mm / 23.0"Width Front43mm / 16.1"A3mm / 17.1"Si3.7mm / 23.0"Width Front43mm / 16.1"Si3.7mm / 23.0"Si3.7mm / 23.0"Width Front43mm / 16.1"A3mm / 17.1"Si3.7mm / 23.0"Width Front43mm / 16.1"Si3.7mm / 23.0"Si3.7mm / 23.0"Width Front43mm / 16.1"Si3.7mm / 23.0"Si3.7mm / 23.0"Width Front43mm / 16.1"Si3.7mm / 23.0"Si3.7mm / 23.0"Width Front43mm / 16.1"Si3.7mm / 23.0"Si		Pole-mount receptacle with lock screw	Pole-mount receptacle with lock screw	Pole-mount receptacle with lock screw
Enclosure    Polycomyclene    Injection Moulded Polypropylene    Polypropylene    Polypropylene      Colour Options    Black / white    Black    Grey / Black / White      Colour Options    Black / white    Black    Grey / Black / White      Grille Material & Finish    stel    stel    stel      Dimensions - Unpacked (mm / inches):    S55mm / 22.9"    S56mm / 21.8"      Width Front    884.6mm / 15.1"    884.6mm / 15.1"    S84.6mm / 15.1"      Width Rear    384.6mm / 15.1"    384.6mm / 15.1"    S84.6mm / 15.1"      Depth    318.6mm / 12.5"    318.6mm / 12.5"    S10mm / 22.9"      Width Front    663mm / 26.1"    663mm / 26.1"    S84.6mm / 15.1"      Pupth    318.6mm / 12.5"    312mm / 12.3"    S10mm / 12.3"      Width Front    435mm / 72.1"    435mm / 72.1"    S10mm / 26.1"      Width Front    435mm / 72.1"    435mm / 72.1"    S10mm / 26.1"      Width Front    435mm / 72.1"    435mm / 72.1"    S10mm / 26.1"      Width Front    435mm / 72.1"    435mm / 72.1"    S10mm / 72.1"      Width Rear<		Optional wall-mount bracket	Optional wall-mount bracket	Optional wall-mount bracket
Enclosure Material and finishInjection Moulded PolypropyleneInjection Moulded PolypropylenePolypropyleneColour OptionsBlack / whiteBlackGrey / Black / WhiteGrille Material & FinishstelstelstelDimensions - Unpacked (mm / inches):Ste2,7mm / 22.9"Ste2,7mm / 22.9"Sfemm / 21.88"Width FrontS84.6mm / 15.1"S84.6mm / 15.1"Ste4,6mm / 15.1"Width RearS84.6mm / 15.1"Ste4,6mm / 15.1"Ste4,6mm / 15.1"DepthSte6,mm / 12.5"Ste6,mm / 12.5"Ste7,mm / 22.9"HeightGfam / 26.1"Ste6,0mm / 15.1"Ste6,0mm / 12.9"Width FrontSte6,0mm / 12.5"Ste6,0mm / 12.5"Ste7,0mm / 12.9"DepthSte7,0mm / 25.1"Ste7,0mm / 25.1"Ste7,0mm / 12.9"Width FrontSte7,0mm / 25.1"Ste7,0mm / 25.1"Ste7,0mm / 25.1"Width RearSte7,0mm / 25.1"Ste7,0mm / 25.1"Ste7,0mm / 25.1"DepthAbm / 15.1"Ste7,0mm / 25.1"Ste7,0mm / 25.1"DepthSte7,0mm / 25.1"Ste7,0mm / 25.1"Ste7,0mm / 25.1"Net Weight (kg / Ibs)Ste7,0mm / 25.1%Ste7,0mm / 25.0%Ste7,0mm / 25.0%Net Weight (kg / Ibs)Ste7,0mm / 25.1%Ste7,0mm / 25.0%Ste7,0mm / 25.0%	Handles	2 carry handles (one on each side)	2 carry handles (one on each side)	2 carry handles (one on each side)
Colour OptionsBlack / whiteBlackGrey / Black / WhiteGrille Material & FinishsteelsteelsteelDimensions - Unpacked (mm / inches):S82.7mm / 22.9"S56mm / 21.88"Width FrontS82.7mm / 22.9"S84.6mm / 15.1"S84.6mm / 15.1"Width RearS84.6mm / 15.1"S84.6mm / 15.1"S84.6mm / 15.1"Depth318.6mm / 12.5"S18.6mm / 12.5"S12mm / 22.9"Height6Gamm / 26.1"G6amm / 26.1"G6amm / 26.1"Dueth FrontS18.6mm / 12.5"S18.6mm / 12.5"S12mm / 12.3"Height6Gamm / 26.1"G6amm / 26.1"G6amm / 26.1"Width Front435mm / 17.1"435mm / 17.1"S15mm / 17.1"Width Rear435mm / 17.1"435mm / 17.1"Masm / 16.1"Width Rear408mm / 16.1"408mm / 16.1"408mm / 16.1"Width Rear63mm / 26.1"S15m / 27.9"S15m / 27.9"Width Rear63mm / 26.1"S15m / 27.9"S15m / 27.9"Width Rear63mm / 26.1"S15mm / 27.9"S15mm / 27.9"Width Rear63mm / 26.1"S15mm / 27.9"S15mm / 27.9"Width Rear63mm / 26.1"S15mm / 27.9"S15mm / 27.9"Depth408mm / 16.1"408mm / 16.1"408mm / 16.1"Weight (kg / Ibs)15.7kg / 34.5bs12.0kg / 26.4lbs12.0kg / 26.4lbs	Enclosure			
Grille Material & FinishsteelsteelsteelDimensions - Unpacked (mm / inches):Height\$82.7mm / 22.9"Width Front\$84.7mm / 22.9"Width Front\$84.6mm / 15.1"Width Rear\$84.6mm / 15.1"Depth\$18.6mm / 12.5"Dimensions - Packed (mm / inches):Staff / 20.1"Height663mm / 26.1"Height663mm / 26.1"Height663mm / 26.1"Height663mm / 26.1"Midth Front435mm / 17.1"Width Front435mm / 17.1"Width Rear435mm / 17.1"Width Rear435mm / 17.1"Width Rear408mm / 16.1"Depth12.0kg / 26.4bsLine Material & Min / 16.1"12.0kg / 26.4bs	Enclosure Material and finish	Injection Moulded Polypropylene	Injection Moulded Polypropylene	Polypropylene
Dimensions - Unpacked (mm / inches):    Searm / 22.9"    Searm / 21.88"    Searm / 21.9"    Searm / 21	Colour Options	Black / white	Black	Grey / Black / White
Height    582.7mm / 22.9"    556 mm / 21.88"      Width Front    384.6mm / 15.1"    384.6mm / 15.1"      Width Rear    384.6mm / 15.1"    384.6mm / 15.1"      Depth    318.6mm / 12.5"    384.6mm / 12.5"      Dimensions - Packed (mm / inches):    112.6"    663mm / 26.1"      Width Rear    663mm / 26.1"    663mm / 26.1"      Width Front    435mm / 17.1"    435mm / 17.1"      Width Rear    435mm / 17.1"    435mm / 17.1"      Width Rear    408mm / 16.1"    408mm / 16.1"      Width Front    435mm / 17.1"    435mm / 17.1"      Width Rear    408mm / 16.1"    408mm / 16.1"      Depth    408mm / 16.1"    408mm / 16.1"	Grille Material & Finish	steel	steel	steel
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):	Dimensions - Unpacked (mm / inches):			
Width Rear    384.6mm / 15.1"    384.6mm / 15.1"    384.6mm / 15.1"      Depth    318.6mm / 12.5"    312.0mm / 12.3"    312.0mm / 12.3"      Dimensions - Packed (mm / inches):      63mm / 26.1"    63mm / 26.1"      Height    663mm / 26.1"    663mm / 26.1"    663mm / 26.1"    663mm / 26.1"      Width Front    435mm / 17.1"    435mm / 17.1"    435mm / 17.1"      Width Rear    435mm / 16.1"    435mm / 16.1"    435mm / 16.1"      Depth    408mm / 16.1"    408mm / 16.1"    408mm / 16.1"	Height	582.7mm / 22.9"	582.7mm / 22.9"	556mm / 21.88"
Depth    318.6mm / 12.5"    318.6mm / 12.5"    312mm / 12.3"      Dimensions - Packed (mm / inches):    Image: Comparison of Compa	Width Front	384.6mm / 15.1"	384.6mm / 15.1"	384.6mm / 15.1"
Dimensions - Packed (mm / inches):    663mm / 26.1"    663mm / 26.1"    663mm / 26.1"      Height    663mm / 26.1"    663mm / 26.1"    663mm / 26.1"      Width Front    435mm / 17.1"    435mm / 17.1"    435mm / 17.1"      Width Rear    435mm / 16.1"    435mm / 17.1"    435mm / 17.1"      Depth    408mm / 16.1"    408mm / 16.1"    408mm / 16.1"	Width Rear	384.6mm / 15.1"	384.6mm / 15.1"	384.6mm / 15.1"
Height    663mm / 26.1"    663mm / 26.1"      Width Front    435mm / 17.1"    435mm / 17.1"      Width Rear    435mm / 17.1"    435mm / 17.1"      Depth    408mm / 16.1"    408mm / 16.1"      Net Weight (kg / lbs)    15.7kg / 34.5bs    12.0kg / 26.4lbs	Depth	318.6mm / 12.5"	318.6mm / 12.5"	312mm / 12.3"
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	Dimensions - Packed (mm / inches):			
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	Height	663mm / 26.1"	663mm / 26.1"	663mm / 26.1"
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	Width Front	435mm / 17.1″	435mm / 17.1"	435mm / 17.1"
Net Weight (kg / lbs)    15.7kg / 34.5bs    12.0kg / 26.4lbs    12.0kg / 26.4lbs	Width Rear	435mm / 17.1″	435mm / 17.1"	435mm / 17.1"
	Depth	408mm / 16.1″	408mm / 16.1"	408mm / 16.1"
Gross Weight (kg / lbs) 18.8kg / 41.2lbs 15.1kg / 33.2lbs 15.1kg / 33.2lbs	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



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## 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°	Ellipitcal 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 M 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. type footprint
	Pole-mount receptacle with lock screw	Pole-mount receptacle with lock screw	Pole-mount receptacle with lock scre
	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	22.0kg / 46.4lbs 26.8kg / 59.0lbs	26.8kg / 59.0lbs
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