

SPECIFICATIONS - Titan™ ACTIVE SERIES

	Titan™ 8 ACTIVE MK II	Titan™ 12 D	Titan™ 15 D
System Type	Active 8" 2-way Bi-Amplified	Active 12" 2-way Bi-Amplified	Active 15" 2-way Bi-Amplified
Frequency Response (+/-3dB)	70-20kHz	55-20kHz	50-20kHz
Low Frequency Driver (mm/in.)	205mm / 8"	305mm / 12"	381mm / 15"
High Frequency Driver	Compression Driver	Titanium Compression Driver	Titanium Compression Driver
Exit Size (mm / inches)	30mm / 1.2"	25mm / 1"	25mm / 1"
Dispersion (H x V)	90° x 60°	90° x 60°	90° x 60°
Amplifiers			
Low Frequency (Class D)	Rated 150W continuous, 300W Peak	Rated 250W continuous, 500W Peak	Rated 350W continuous, 700W Peak
High Frequency (Class D)	Rated 30W continuous, 60W Peak	Rated 50W continuous, 100W Peak	Rated 70W continuous, 140W Peak
Electronic Crossover:	24dB per octave Linkwitz-Riley	24dB/octave Linkwitz-Riley	24dB/octave Linkwitz-Riley
Crossover Frequency	2.4kHz	2.3kHz	1.8kHz
Equalization:	High (±10dB) 10kHz Shelving	High (±10dB) 10kHz Shelving	High (±10dB) 10kHz Shelving
	Low (±10dB) 100Hz Shelving	Low (±5dB) 100Hz Shelving	Low (±10dB) 100Hz Shelving
Subsonic Filter	30Hz, Second -order filter	30Hz, Second -order filter	30Hz, Second -order filter
Amplifier Protection			
Power On	Power switch on / off mute	Power switch on / off mute	Power switch on / off mute
Thermal	Amplifier shutdown, auto reset	Amplifier shutdown, auto reset	Amplifier shutdown, auto reset
Low Line Voltage Shut Down	< 80VAC	60% Nominal line voltage	60% Nominal line voltage
Driver Protection	Independent LF and HF limiters	Independent LF and HF limiters	Independent LF and HF limiters
DC Protection	Yes	Yes	Yes
Short Protection	Yes	Yes	Yes
Clip Limiter:	Turns on approx 150W output	Turns on approx 250W output	Turns on approx 350W output
Limiter Indicator	Red LED	Red LED	Red LED
Power Indicator	Green LED	Green LED	Green LED

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	Titan™ 8 ACTIVE MKII	Titan™ 12D	Titan™ 15D
Inputs			
Input A - type	Switchable balanced mic or line level input	Switchable balanced mic or line level input	Switchable balanced mic or line level input
Input Sensitivity	Mic: -47dBu (-49.2dBv or 3.4mVrms) Line: 0dBu (-2.2dBv or 0.775Vrms)	Mic: -40dBu (-42.2dBv or 7.75mVrms) Line: 0dBu (-2.2dBv or 0.775Vrms)	Mic: -40dBu (-42.2dBv or 7.75mVrms) Line: 0dBu (-2.2dBv or 0.775Vrms)
Maximum Input Level	+22dBu	+22dBu	+22dBu
Input Connector	XLR - 1/4" Combo jack	XLR - 1/4" Combo jack	XLR - 1/4" Combo jack
Input Impedance	Balanced: 20kΩ - Unbalanced: 10kΩ	Balanced: 10kΩ - Unbalanced: 5kΩ	Balanced: 10kΩ - Unbalanced: 5kΩ
Maximum Input Level	+22dBu	+22dBu	+22dBu
Input B - type	N/A	Line level input	Line level input
Input Sensitivity	N/A	XLR - 1/4" Combo jack: 0dBu (-2.2 dBv or 0.775Vrms) RCA: 0dBu (-2.2dBv or 0.775Vrms)	XLR - 1/4" Combo jack: 0dBu (-2.2 dBv or 0.775Vrms) RCA: 0dBu (-2.2dBv or 0.775Vrms)
Maximum Input Level	+22dBu	+22dBu	+22dBu
Input Connectors	Combo jack: 1/4" - XLR	Combo jack: 1/4" - XLR / Summed dual RCA jacks	Combo jack: 1/4" - XLR / Summed dual RCA jacks
Line Output	Switchable LOOP / MIX Balanced Male XLR Connector	Switchable LOOP / MIX Balanced Male XLR	Switchable LOOP / MIX Balanced Male XLR
Impedance:	Balanced: 1k ohm Unbalanced: 500 ohm	Balanced: 200 ohm Unbalanced: 100 ohm	Balanced: 200 ohm Unbalanced: 100 ohm
Sensitivity	0dBu (-2.2dBv or 0.775Vrms)	0dBu (-2.2dBv or 0.775Vrms)	0dBu (-2.2dBv or 0.775Vrms)
AC Power details			
Power Supply	High Efficiency Switching Mode Power Supply	High Efficiency Switching Mode Power Supply	High Efficiency Switching Mode Power Supply
AC Power Options	AC100~240V, 50 / 60Hz	AC100~120V / 220~240 V, 50 / 60Hz	AC100~120V / 220~240 V, 50 / 60Hz
Power On Indicator	Green LED	Green LED	Green LED
Rigging / Bracket / Mounting Options	8 M6 threaded inserts including 4 M6 threaded inserts on bottom in OmniMount 30.0-type footprint Pole-mount receptacle with lock screw 1 carry handles Optional wall-mount bracket	10 M8 threaded inserts including 4 M8 threaded inserts on bottom in OmniMount 60.0-type footprint Pole-mount receptacle with lock screw 2 carry handles (one on each side) Optional wall-mount bracket	10 M8 threaded inserts including 4 M8 threaded inserts on bottom in OmniMount 60.0-type footprint Pole-mount receptacle with lock screw 2 carry handles (one on each side) Optional wall-mount bracket
Enclosure Material	Injection Moulded Polypropylene	Injection Moulded Polypropylene	Injection Moulded Polypropylene
Colours	Grey or white or black	Black	Black
Dimensions H x W x D (mm)	396 x 266 x 221	556 x 384 x 312	708.3 x 477.8 x 401.8
Dimensions H x W x D (in)	15.6 x 10.5 x 8.7	21.9 x 15.1 x 12.3	27.9" x 18.8" x 15.8
Net Weight (kg / lbs)	6.25kg / 13.75lbs	12.4kg / 27.28lbs	22.9kg / 50.38lbs
Gross Weight (kg / lbs)	8.15kg / 17.93lbs	15.5kg / 34.1bs	27.7kg / 60.94lbs