

cinemalite

Specifications for Audio System 2.1 Premium

Mixer : Wharfedale Pro EZ-M 10x2

Maximum Output Level (1%T.H.D. @ 1kHz)	+22dBu over 130mw (headphone) @ 32 ohms
THD+N%	<0.01% @ +15dBu
Frequency Response	20Hz-20kHz +0/-1dB
Hum and Noise	-127dB Mic Pre Equivalent Input Noise -90dBu Residual Noise
Maximum Input Levels	
Mic In	+10dBu
Line In	+20dBu
2TK In	+20dBu
Mono Input Channel Gain	50dB Variable (-60~-10dB)(-40dB~+10dB)
Input Channel EQ	High (+/- 15dB) 12kHz Shelving Low (+/_ 15dB) 80Hz Shelving
Level Meters	4-Segment LEDx2 (output of +4dBu = MAIN L/R)
Clip Indicator	Turns on approx +16dBu
AC Power options	AC100V/120V/230V/240V, 50 Hz/60Hz
Dimensions	253mm x 77mm x 226mm / 9.96" x 3.03" x 8.89"
Weight	1.44kg / 3.16 lbs

Speaker: Wharfedale Pro Titan Sub-A15

General Info	
System type	Band-pass subwoofer
Frequency response +/- 3db	45-150Hz
Enclosure Material	18mm Plywood
Enclosure Colour	Grey
Frame Material	Die-cast aluminium frame
Size (mm/inches)	404mm / 15"
Coil Size (mm/inches)	75mm / 3"
Impedance	4 ohm
Speaker Pole Adapter	Yes
Inputs A & B Type / Connection	Balanced Line Level inputs via two combo connectors
Outputs A & B Type / Connection	Balanced Line Level inputs via two XLR-M connectors
Input Sensitivity	0.775V
High Pass Frequency Selection	100Hz
Phase Switch Selection	00 / 1800
Speaker Level Input Impedance	4 ohm
Speaker Level Input Connection	1/4" TS phone input
Amplifier Power	
Continuous	400W
Peak	600W
Protection Type	Dynamic AGC
Power On Indicator	LED
Dimensions	
Height	630.0mm / 24.8"
Width	478.0mm / 18.8"
Depth	640.0mm / 25.2"
Weight (Net) kg / lbs	45.48 / 100.0
Weight (Gross) kg / lbs	50.48 / 110.5

Speaker: Wharfedale Pro Titan 12 Active

General Info	
System type	Active 12" 2-way Bi-Amplified system
Frequency response +/-3db	55-20kHz
LF Driver	
LF driver size mm / inches	305mm / 12" 4 ohm
LF voice coil size	64.26mm / 2.5"
HF Section	
HF voice coil size	51mm / 2" 8 ohm
HF exit size mm / inches	25mm / 1"
HF type	Compression Driver
HF diaphragm material	Titanium
Horn dispersion (H x V)	90 x 60
HF horn shape	EWG™ - Elliptical Waveguide
Crossover Section	
Crossover Frequency / Filter	2.3kHz, 24dB per octave Linkwitz-Riley
HF driver protection	Independent LF and HF limiters
Amplifier Power	
Continuous RMS	LF 250W, HF 50W
Peak (Watts)	LF 500W, HF 100W
ProtectionType	Power switch on / off mute, Thermal Amplifier shutdown/auto reset, Low line voltage shut down at 60% nominal line voltage, DC Protection, Short protection, Clip limiter turns on approx at 250W with red LED indicator
Power on indicator	LED
Input Sensitivity	
Mic	-36dBu (-38.2dBv or 12.28mVrms)
RCA	0dBu (-2.2dBv or 0.775Vrms)
Line	+4dBu (1.78dBv or 1.228Vrms) Maximum Input Level +22dBu
Connectors	
Input connectors A	Switchable balanced mic or line level input XLR / 1/4" Combo jack
Input connectors B	Line level combo jack 1/4" -XLR / Summed dual RCA jacks
Line output type	Switchable LOOP / MIX Balanced Male XLR connector, Balanced 1k ohm - Unbalanced 500 ohm, +4dBu (1.78dBv or 1.228Vrms)
Physical Features	
Enclosure type	Moulded Polypropylene
Finish	Grey or white
Handle quantity	2 carry handles (one on each side)
Suspension points	(10) M8 points for safe flown applications, (4) M8 inserts on bottom in OmniMount® 60.0-type footprint
Stand adapter - BOTTOM	Speaker pole-mount receptacle with lock screw, Optional wall-mount bracket
Dimensions & Weight	
Height (mm / ins)	556mm / 21.88"
Width Front / Rear / mm / ins	384mm / 15.11"-180mm / 7.1"
Depth (mm / ins)	312mm / 12.28"
Net weight (kg / lbs)	12.8kg / 28.16lbs
Gross weight (kg / lbs)	14.8kg / 32.56lbs
Input Impedance	
Line input A	20k ohm - Unbalanced 10k ohm Maximum Input Level +22dBu
Line input B	20k ohm - Unbalanced 10k ohm Maximum Input Level +22dBu+BV22
Main eq	High (±10dB) 10kHz Shelving
Main eq	Low (±10dB) 100Hz Shelving, Bass Response Optimizer ("BRO"™) circuit '+5dB at 60Hz, Subsonic Filter 30Hz, Second-order filter

Specifications are subject to change.

Correct at 01/11/2009.