

# cinemalite

## Specifications for Audio System Premium 2.0

**Power Amplifier: Wharfedale Pro S1000**

OUTPUT POWER	
<b>Stereo</b>	
180W+180W/8 ohms (0.1% THD at 20Hz-20kHz)	
300W+300W/4 ohms (0.1% THD at 20Hz-20kHz)	
200W+200W/8 ohms (0.1% THD at 1kHz)	
330W+330W/4 ohms (0.1% THD at 1kHz)	
500W+500W/2 ohms (0.1% THD at 1kHz)	
<b>Bridged</b>	
600W/8 ohms(0.1% THD at 20Hz-20kHz)	
660W/8 ohms(0.1% THD at 1kHz)	
1000W/4 ohms (1% THD at 1kHz)	
<b>THD+N</b>	<0.02%
<b>Frequency Response</b>	20Hz-20kHz 0/-0.5dB 10Hz-40kHz 0/-2dB
<b>Hum and Noise</b>	-95dB
<b>Voltage Gain</b>	33dB
<b>Input Sensitivity</b>	+4dBu
<b>Maximum Input Level</b>	+22dBu
<b>Input Impedance</b>	Balanced 20kohms, Unbalanced 10k.
<b>Controls</b>	
<b>Low Cut Filter</b>	50Hz -6dB(-12dB/oct); 30Hz -6dB(-12dB/oct)
<b>Signal Indicators</b>	Turns on approx -35dBu
<b>Clip indicators</b>	Turns on approx 350Wx2/4 ohms output
<b>Limiter</b>	Turns on approx 350Wx2/4 ohms output
<b>Amplifier Protection</b>	Mute function; DC detection; Overload and short detection; Temperature detection
<b>Power Amp Type</b>	Class AB complementary linear output
<b>AC Power Options</b>	AC100V / 120V / 220V / 240V, 50/60Hz
<b>Dimensions (HxWxD)</b>	
96mm x 482.6mm x 427mm	
3.8" x 19" x 16.8"	
<b>Weight</b>	
15.4 kg	
33.9 lbs	

**Mixer: Wharfedale Pro EZ-M 10x2**

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

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ABN 98 108 323 093

## Speaker: Wharfedale Pro Titan 12 Passive

General Info	
System type	12" 2-way passive
Frequency response +/- 3db	55-20kHz
Sensitivity (db 1w@1m)	98dB
System impedance	8 ohms
Maximum SPL Peak dB	120dB
Power Handling (Watts)	
Continuous RMS	250
Program	500
Peak	1000
LF Driver	
LF driver size mm / inches	1x12"
LF voice coil size	64.26mm/2.5"
HF Section	
HF voice coil size	44mm/1.75"
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
HF peak indicator	Peak LED ring in horn throat
Crossover Section Type 2-Way	
Crossover Frequency / Filter	2.4 kHz / Linkwitz-Riley
HF driver protection	DTF™ — Dynamic Thermal Filament
HF EQ (Boost / Flat)	3dB boost (long-throw) / Flat (near-field)
Connectors	
In / Out Panel (Speaker Level)	
Input connector	2 x 1/4" jacks and 2 x Speakon™
Physical Features	
Enclosure type	Moulded Polypropylene
Enclosure shape	Trapezoidal for vertical array and horizontal stage monitor applications
Finish	Black 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
Stand adapter - TOP	Optional dual-unit array speaker stand hardware
Dimensions & Weight	
Height ( mm / ins )	556mm/21.88"
Width Front / Rear / mm / ins	384mm/15.1" / 180mm/7.1"
Depth ( mm / ins )	312mm/12.3"
Net weight ( kg / lbs )	12kg/26.4lbs
Gross weight ( kg / lbs )	14kg/30.8lbs

Specifications are subject to change.  
Correct at 01/11/2009.

