

cinemalite

Specifications for Audio System 5.1

Power Amplifier: Wharfedale Pro S1000

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

Mixer: SM Pro Audio PR8E

General Info	
System type	Multi-channel mic/line preamp (x 8) mixer
Line Input	Impedance 47K, Min sensitivity -35dB, Peak input level +32 dB
Output	Impedance 600 Ohms
48V Phantom Power per channel	Yes
Peak output level	+23dB
Phase Reverse per channel	Yes
Frequency response	20Hz- 20KHz 0dB- -0.5dB
Gain control per channel	Yes
Distortion	0.005%
Peak Light Per channel	Yes
S/N	> 105dB
Mic Input	Impedance 4K7 Ohms
Crosstalk rejection	>120dB @1KHz; -20dB input
Mic Input	Peak input level +9.5 dB
Max Gain	58dB
Mic Input	Phantom Power +48V, (switchable)
Housing	Metal

Speaker: Wharfedale Pro Titan 8 Passive

General Info	
System type	Two way passive speaker system
Frequency response +/- 3db	70Hz-20kHz
Sensitivity (db 1w@1m)	96dB SPL
System impedance	8 ohms
Maximum SPL Peak dB	124dB SPL Peak
Power Handling (Watts)	
Continuous RMS	150W
Program	300W
Peak	600W
LF Driver	
LF driver size mm / inches	205mm / 8 ", Die-cast aluminium frame
LF voice coil size	38.86mm / 1.53 "
HF Section	
HF voice coil size	30mm / 1.2 "
HF exit size mm / inches	25mm / 1 "
HF type	Compression Driver
HF diaphragm material	Cloth
Horn dispersion (H x V)	90° x 60° averaged 2kHz to 10kHz
Crossover Section	
Crossover Frequency / Filter	2.4kHz, 12dB per octave
HF driver protection	Bulb
In / Out Panel (Speaker Level)	
Input connector	NL4 Speakon™ type x2 " 1/4" phone jack x 2 (All wired in parallel)
Physical Features	
Finish	Grey or white
Construction material	Injection Moulded Polypropylene
Handle quantity	1 built-in carry handle
Suspension points	8 M6 threaded inserts including 4 M6 threaded inserts on bottom in OmniMount 60.0-type footprint
Stand adapter - BOTTOM	Pole-mount receptacle with lock screw, Optional wall-mount bracket
Dimensions & Weight	
Height (mm / ins)	396mm / 15.59 "
Width Front / Rear / mm / ins	266mm / 10.47 "
Depth (mm / ins)	221mm / 8.7 "
Net weight (kg / lbs)	5.5kg / 12.1 lbs
Gross weight (kg / lbs)	7.5kg / 16.5 lbs

Speaker: Wharfedale Pro SVP-15B

General Info	
System type	15" compact sub
Frequency response +/- 3db	45-250Hz
Sensitivity (db 1w @1m)	98dB
System impedance	8 or 4 ohms
Maximum SPL Peak dB	126.5dB
Power Handling (Watts)	
Continuous RMS	250
Program	500
Peak	1000
LF Driver	
LF driver size (inches)	2 x15"
LF voice coil size	65/2.5"
Crossover Section	
Crossover Frequency / Filter	150Hz/6dB
In / Out Panel (Speaker Level)	
Input connector	2 x 1/4" jacks
High pass out	1/4" jack
Physical Features	
Enclosure shape	Rectangular
Finish	Black carpet
Handle quantity	7 Teardrop
Stand adapter - TOP	Yes
Dimensions & Weight	
Height (mm)	587
Width Front / Rear (mm)	548
Depth (mm)	429
Net weight (kg)	31.52

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

