

# Specifications

## Physical

Unit Weight	13.5 lbs [6.1 kg]
Unit Dimensions	17" x 12" x 3"
Shipping Weight	17 lbs [7.7 kg]
Shipping Dimensions	23"x 18" x 9"

## Power requirements

Input Power	Model specific 100VAC, 120VAC, or 230VAC 50 or 60Hz
Maximum Power Consumption	500W
Mains Power Input	IEC C14
Fuses	100V T250V-2.0AH (5A Slow Blow) 120V T250V-1.6AH (4.5A Slow Blow) 230V T250V-1.0AH (2.5A Slow Blow) US (NEMA 5-15P) (all versions) Schuko (CEE7/7) (230V version) UK (BS1363) (230V version)
Accessories included	

## Analog inputs

RCA	3 stereo pair
XLR	1 stereo pair

## Digital audio inputs

I2S	1 PCM (384KHz max) DSD64 DSD128 Compatible with DirectStream Transport SACD handshake for DSD playback
Coax	2 PCM (192KHz max)
Optical	1 PCM (96KHz max)
USB	PCM (384KHz max) DSD64 (DoP) DSD128 (DoP)
Format	PCM, DSD

## Analog Audio Outputs

RCA	(Analog Unbalanced) 1 stereo pair
Headphones	One 1/4" headphone connector front panel

## Analog Performance

Gain	12dB +/-0.5dB
Maximum output	20 Vrms
Sensitivity	5.3Vrms
Input Impedance	47K $\Omega$ single ended RCA 100K $\Omega$ Balanced XLR
Output Impedance	100 $\Omega$ single ended RCA 200 $\Omega$ balanced XLR
Frequency Response	20Hz – 20KHz +/- 0.25dB 10Hz – 100KHz +/- 3.0dB
Noise	20-20KHz <-90dBV
S/N Ratio	1KHz >110dB (max output)
Channel separation	1KHz >90dB

Input separation 1KHz >90dB  
THD&IM 1KHz < 0.025%  
20-20KHz < 0.05%

### Headphone performance

Output power @1% THD 300Ω 300mW  
16Ω 3.25W  
S/N Ratio 1kHz >95dB (max output)  
Noise <-80dBV  
THD & IM 1Vrms out 300Ω <0.05%  
16Ω <0.06%  
Output impedance <4 Ω

### Network

WiFi 100 mbps  
Ethernet 100 mbps

### Power Amplifier

THD & IM < 0.02% @ 1KHz, 1W/4Ω  
< 0.02% @ 10-20KHz, 1W/4Ω  
< 0.05% (90kHz BW) @ 10-50 KHz, 1W/4Ω  
< 0.01% @ 1KHz, 37.5W/4Ω  
Both channels driven 120vac mains, 1kHz, 1% THD  
Output Power 100W minimum @ 8Ω  
200W minimum @ 4Ω  
Stable for musical transients @ 2Ω

### Features

Volume Control 0-100 (1/2 and 1dB steps, 80dB total range)  
Balance Control 24dB each direction in 1/2dB steps  
Home Theater Mode Assignable to any analog input  
Adjustable (in setup) to any level  
Polarity (phase) Control Digital sources only  
Filter Control 3 selectable digital filters (PCM digital sources only)  
Trigger output (3.5mm 5-15VDC) 2  
Remote Control Infrared