



Reference

Owner's Reference Stellar Strata MK2

Product Specifications

General:	
Color Options	Black Silver
Voltage Options	Japan 100V (+/-10%) North America 120V (+/-10%) Europe/Asia 230V (+/-10%)
Mains Power Input	IEC C14
Fuses	T250V-250mAH (1/4A Slow Blow)
Accessories Included	Remote Control Line Cord: - US, JP and EX (NEMA 5-15P) - Schuko (CEE7/7) (230V version) - UK (BS1363) (230V version) - Australia (230V version)
Analog Audio Inputs	RCA: 2 stereo pairs XLR: 1 stereo pair
Phono Inputs	MM RCA: 1 stereo pair MC RCA: 1 stereo pair
Digital Audio Inputs	I2S: 2 inputs - PCM 44.1KHz to 384KHz, DSD64, DSD128, DSD256 Coax: 2 inputs - PCM 44.1KHz - 192KHz Optical: 1 input - PCM 44.1kHz - 192KHz USB: 1 input - PCM 44.1kHz - 384KHz - DSD64, DSD128 (native) - DSD64, DSD128 (DoP)
Audio Outputs	RCA (Unbalanced): 1 stereo pair Headphones: 1 ¼" stereo Speakers: 2 binding post pairs
Other	Trigger Out: 2 3.5mm, 5-15 DVC USB A: 1 (for firmware update)
Mechanical:	
Unit Dimensions	17" w x 2.8" h (not including feet) x 13.5" d (with connectors and knobs, chassis only is 12") [43.2cm x 7.1cm x 34.3cm]



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Weight	21 lbs [9.5 kg]	
Shipping Dimensions	22" w x 8" h x 17" d [55.9cm x 20.3cm x .4.3cm]	
Shipping Weight	25 lbs [11.4 kg]	
Environmental:		
Location	Indoor use only	
Storage Temperature	-30 to 70C	
Operating Temperature	0 to 45C	
Features:		
Input Selection	9 total: 2 analog, 6 digital, 1 Phono	
Volume Control	0-100 (80 dB total range)	
Balance Control	12dB each direction in 1/4dB steps	
Fixed Volume Mode	Analog2: adjustable in setup to any level	
Phase Control	Digital sources only	
Filter Control	3 selectable digital filters (PCM digital sources only)	
Input Trim	Gain adjustable per input +/-10dB	
Headphone Trim	Gain adjustable +/-10dB relative to speaker level	
Performance:		
Analog Inputs:		
Input Separation	>85dB	
Input Impedance	47K Ω (unbalanced); 100K Ω (balanced)	
Maximum Input Level	>16 VRMS	
Phono Input:		
Cartridge/Type	MM	MC
Gain	40dB	57dB
Loading	100pF/47k Ω	470pF/100 Ω
THD+N	.001% @ 5mV input	.003% @1mV input
Analog Output		
Output Impedance	Line Out 100 Ω	



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Gain	Volume=100 6dB +/- 0.5dB
Main (Speaker) Output	
Gain (relative to line output)	30.5dB
Output Power	8Ω, 1KHz, 1% 100W minimum 4Ω, 1KHz, 1% 150W typical
Frequency Response	+/-1dB 20Hz – 20KHz -3dB 7Hz – 40KHz
THD+N	1KHz, 10W/4Ω 0.02%
IMD	18/19KHz -65dB
Speaker Impedance	4Ω minimum
Output Impedance	50Hz 150 mΩ typical
Damping Factor	50Hz, 4Ω 29
Sensitivity	@76 1.77 VRMS @100 450 VRMS
Channel Separation	1KHz >90dB
Headphone Output	
Gain (relative to line output)	16.5dB
Output Power	300Ω, 1KHz, 1% 300mW 16Ω, 1KHz, 1% 3.25W
Frequency Response	+/-1dB 7Hz – 40KHz
THD	1KHz, 1 VRMS 300Ω <0.02% 16Ω <0.02%
S/N Ratio	1KHz >110dB (max output)
Output Noise	<-90dBV
Headphone Impedance	8Ω minimum
Output Impedance	<4 Ω
Power	
Input Voltage	US 108—132VAC (120VAC nominal) EX/GR/UK/AU 207—253VAC (230VAC nominal) JP 90—110VAC (100VAC nominal)
Power Consumption	Idle 20W Typical 50W Maximum 600W