

SYSTEM SPECIFICATIONS

	F One
Free field frequency response (-6 dB)	Main 35 Hz...85 Hz LFE 35 Hz...120 Hz
Maximum short term sine wave SPL output averaged from 30 to 85 Hz, measured in half space at 1 meter	100 dB
Self generated noise level in half space at 1 m on axis (A-weighted)	≤ 5 dB SPL
Driver, magnetically shielded	165 mm (6 1/2 in)
Weight	5.6 kg (12.3 lb)
Dimensions	
Height	256 mm (9 ⁷ / ₈ ")
Diameter	305 mm (12")

AMPLIFIER SECTION

	F One
Amplifier short term output power (Long term output power is limited by driver unit protection circuitry)	40 W
Amplifier system THD at nominal output	≤ 0.05 %
Mains voltage	100 - 240 VAC 50/60 Hz
Power consumption (average)	
Stand by	0.5 W
Idle	5 W
Full output	60 W

CONNECTORS

	F One
Analog audio inputs 10 kOhm	
RCA	L, R, LFE
3.5 mm stereo jack	1
Digital audio inputs	
Optical Toslink	1
Coaxial RCA 75 Ohm	1
Audio outputs	
RCA	L, R

CROSSOVER SECTION

	F One
Subsonic filter (18 dB/octave) below	35 Hz
Crossover frequency (subwoofer/main channels)	85 Hz
LFE channel cutoff frequency	120 Hz
Midband rejection >400 Hz	≥50 dB
Analog input level for 90 dB SPL output at 1 m	-8 dBu at level control max
Digital input level for 90 dB SPL output at 1 m	-19dBFS at level control max
Digital input word length	16...24 bits
Digital input sample rate	32...96 kHz
Sensitivity adjustment range	18 dB
Bass Roll-Off control operating range in 2 dB steps	From 0 to -6 dB @ 35 Hz
Phase matching control in 90° steps	From 0 to -270° @ 85 Hz