

Synthesis[®]

Synthesis 1, Synthesis 2, Synthesis 3



Synthesis

- THX[®] Ultra certified digital home theater system
- 7.1 Multichannel loudspeaker system
- Separate optimized cinema and music systems
- Surround processor and power amplifiers
- Parametric digital equalizers and crossover for precise correction

JBL

Synthesis[®]

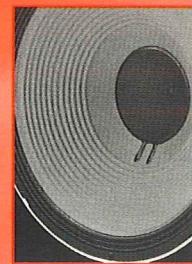
Synthesis 1, Synthesis 2, Synthesis 3

Synthesis offers a home cinema like never before. Containing speakers that come straight from the commercial cinema and embracing JBL's proprietary technologies, Synthesis is truly exceptional. Each Synthesis incorporates two main front loudspeakers, one center channel speaker, independent side and rear surround speakers, two subwoofers and a digital processor featuring our proprietary Logic7[®]. The SDEC digital equalizer that completes the system enables music and soundtracks to be perfectly balanced in your listening room.

Separate music and cinema drivers

The left and right front loudspeakers contain independent sets of drivers for either stereo music listening

(titanium dome tweeters) or cinema viewing (horn-loaded JBL compression drivers) as found in cinemas worldwide. Driver setting automatically reconfigures for music or movie use.



24 bit upgradable digital multichannel audio processor

The SDP3 digital processor features all current formats including our proprietary Logic7[®], DTS[®], Dolby[®] Digital, THX[®] and Surround EX.

System calibration

Installation includes on site calibration by JBL trained technician to fully maximize the performance of Synthesis within your home or studio environment.

Specifications	Synthesis 1	Synthesis 2	Synthesis 3
	designed for custom installation in rooms of up to 600 m ³ . Featuring two 18" subwoofers; Two S650 and two S400 amplifiers	designed for custom installation in rooms of up to 400 m ³ . Featuring two 15" subwoofers; one S650 and two S400 amplifiers	designed for custom installation in rooms of up to 130 m ³ . Featuring two 12" subwoofers; one S650 and two S400 amplifiers
Frequency response:	25 Hz - 17 kHz in cinema mode 25 Hz - 22 kHz in music mode	35 Hz - 17 kHz in cinema mode 35 Hz - 22 kHz in music mode	37 Hz - 18 kHz in cinema mode 37 Hz - 24 kHz in music mode
Sensitivity, 1W/1m:	High Frequency 91 dB cinema, High Frequency 91 dB music Low Frequency 95 dB	High Frequency 91 dB cinema High Frequency 92 dB music Low Frequency 94 dB	High Frequency 87 dB cinema High Frequency 87 dB music Low Frequency 92 dB
Total system Weight:	478 kgs	338 kgs	239 kgs
Total amplification:	(12 Channel) 2100 watts	(9 Channel) 1450 watts	(9 Channel) 1450 watts
SDP3	(Surround Processor)		
Audio in:	3 digital optical, 5 digital coaxial 8 stereo pairs		
Video in:	8 S-video, 8 composite NTSC, PAL, SECAM		
Audio out:	8 out L/C/R L/R side L/R rear and Sub		
Video out:	3 composite RCA, 3 S-Video, 1 monitor, 1 REC		
Surround Mode:	DTS [®] MUSIC, DTS [®] Film, 5.1 Dolby [®] Digital, THX [®] Cinema, Logic7 [®] , Surround EX		
SDEC:	SDEC1000	SDEC2500	
	Digital parametric Equalizer	Digital parametric Equalizer	
Input:	6 RCA	6 RCA	
Output:	10 RCA out	7 RCA	
	92 Band Parametric EQ	83 Band Parametric EQ	

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JBL continually strives to update and improve existing product, as well as create new ones. The specifications and constructions details in this and related JBL publications are therefore subject to change without prior notice.



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