

SP260 PROCESSING PARAMETERS

Operating Modes and Presets

2xStereo+Sub:	Two full-range loudspeaker pairs and a pair of [mono by default] subwoofers
2x2Way+Sub:	Two bi-ampable full-range loudspeakers and a pair of [mono by default] subwoofers
2x3Way:	Two tri-ampable full-range loudspeakers
3xStereo:	Three full-range loudspeaker pairs
1x6Way:	Mono 6-way setup

Inputs

Gain:	±15 dB ±0.1 dB increments
Delay:	
Time (ms):	0.0000 - 600.9984 ms ±1.000 ms and ±0.0208 ms increments
Distance (m):	0.000 - 204.339 m ±~0.340 m and ±~0.007 m increments
Distance (feet):	0.000 - 670.233 feet ±~1.115 feet and ±~0.023 feet increments
EQ Bypass:	On or Off
5-band EQ:	
Frequency:	20 Hz - 20 kHz ~1/24 octave increments
Bandwidth:	0.05 - 3.0 ±0.05 increments
Gain:	±15 dB ±0.05 dB increments
High or low-shelving:	6 or 12 dB/octave

Outputs

Name:	User-editable
Source:	InA, InB, InA+InB
Polarity:	180° invert
Gain:	-12.0 dB to +6.0 dB ±0.1 dB increments
EQ Bypass:	On or Off

Outputs Continued...

7-band EQ:	
Frequency:	20 Hz - 20 kHz ~1/24 octave increments
Bandwidth:	0.05 - 3.0 ±0.05 increments
Gain:	±15 dB ±0.05 dB increments
High or low-shelving:	6 or 12 dB/octave
Delay:	
Time (ms):	0.0000 - 600.9984 ms ±1.000 ms and ±0.0208 ms increments
Distance (m):	0.000 - 204.339 m ±~0.340 m and ±~0.007 m increments
Distance (feet):	0.000 - 670.233 feet ±~1.115 feet and ±~0.023 feet increments
High- and Low-Pass Filters:	
Frequency:	20 Hz - 20 kHz
Filter / Slope:	No Cut-Off Butterworth 6 dB/octave Butterworth 12 dB/octave Linkwitz-Riley 12 dB/octave Bessel 12 dB/octave Butterworth 18 dB/octave Butterworth 24 dB/octave Linkwitz-Riley 24 dB/octave Bessel 24 dB/octave
Limiter:	
Attack:	5 - 200 ms [5 ms - 20 ms] ±1 ms increments [20 ms - 30 ms] ±5 ms increments [30 ms - 100 ms] ±10 ms increments [100 ms - 200 ms] ±20 ms increments
Release:	0.1 - 3.0 s ±0.1 s increments
Threshold:	-10 to +20 dBu ±0.2 dBu increments

SP260 SPECIFICATIONS

Analog Inputs

Connectors	Two Balanced XLRs
Max Input (Line Level):	+20 dBu
CMRR	>58 dB
Input Meter Range	Clip +15 dBu +9 dBu +3 dBu 0 dBu -10 dBu -20 dBu

Analog Outputs

Connectors	Six Balanced XLRs
Max Output Level	+21 dBu
Output Meter Range	Limit Mode:
Level Mode:	Limit
Limit	0 dB
Clip	-3 dB
+15 dBu	-6 dB
+9 dBu	-9 dB
+3 dBu	-12 dB
0 dBu	-15 dB
-15 dBu	

AD/DA

Converter Type	24-bit AKM®
Dynamic Range	120 dB
Sample Rate	48 kHz
Bit Depth	24-Bit

Frequency Response

20 Hz to 20 kHz	±0.2 dB
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Noise Characteristics

Dynamic Range	111 dB A-weighted 108 dB unweighted
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Distortion

20 Hz to 20 kHz	<0.004%
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Crosstalk

22 Hz to 22 kHz [unweighted]	
Interchannel Crosstalk +20 dBu @ 1 kHz	-107 dB
Crosstalk Input to Output +20 dBu @ 1 kHz	-107 dB

USB

USB port for programming via Windows-based computers (downloadable app and driver from www.mackie.com)	
Format	USB 1.1

AC Power Requirements

Power Consumption	40 watts
Universal AC Power Supply	100 - 240 VAC, 50 - 60 Hz
Power Connector	3 Pin IEC
Operating Temperature	0 - 40 °C
[extended ambient temperature]	32 - 104 °F

Physical Properties (packaged product)

Height	3.6 in / 91 mm
Width	21.0 in / 533 mm
Depth	12.1 in / 307 mm
Weight	8.8 lb / 4.0 kg

Physical Properties (product)

Display	2x24 character LCD with backlight
Height	1.8 in / 46 mm (1U rack mount design)
Width [front]	19.0 in / 483 mm
Width [rear]	17.3 in / 439 mm
Depth	9.0 in / 229 mm
Weight	5.8 lb / 2.6 kg

Ordering Information

SP260 2X6 Loudspeaker System Processor	P/N 2039291-00
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