

JBL PD566 Passive Configuration for Crown DCi Amplifiers
Tabulated DSP Parameters

Parameter	PD566 FR IIR
High Pass Type	Butterworth 24dB/Oct
High Pass Frequency	60Hz
Low Pass Type	--
Low Pass Frequency	--
Bandpass Gain	+9dB
Output Polarity	(+) Non-Inverting
Output Delay	2.00ms
Filter #1 Type	Parametric EQ
Filter #1 Frequency	300 Hz
Filter #1 Gain	-3.5dB
Filter #1 Q	Q3.0
Filter #2 Type	Parametric EQ
Filter #2 Frequency	500 Hz
Filter #2 Gain	-3.0dB
Filter #2 Q	Q3.0
Filter #3 Type	Parametric EQ
Filter #3 Frequency	920 Hz
Filter #3 Gain	-1.5dB
Filter #3 Q	Q4.0
Filter #4 Type	Parametric EQ
Filter #4 Frequency	1.50 kHz
Filter #4 Gain	+2.5dB
Filter #4 Q	Q4.0
Filter #5 Type	Parametric EQ
Filter #5 Frequency	5.00 kHz
Filter #5 Gain	+2.0dB
Filter #5 Q	Q4.0
Filter #6 Type	Parametric EQ
Filter #6 Frequency	8.50 kHz
Filter #6 Gain	-4.0dB
Filter #6 Q	Q2.5
Filter #7 Type	Parametric EQ
Filter #7 Frequency	14.0 kHz
Filter #7 Gain	+2.0dB
Filter #7 Q	Q2.0
Filter #8 Type	--
Filter #8 Frequency	--
Filter #8 Gain	--
Filter #8 Q	--

JBL PD566 Passive FIR Configuration for Crown DCi Amplifiers
 Tabulated DSP Parameters

Parameter	PD566 FR FIR
High Pass Type	Butterworth 24dB/Oct
High Pass Frequency	60Hz
Low Pass Type	Proprietary FIR
Low Pass Frequency	--
Bandpass Gain	+0.0dB
Output Polarity	(+) Non-Inverting
Output Delay	0.00ms
Filter #1 Type	Parametric EQ
Filter #1 Frequency	300 Hz
Filter #1 Gain	-3.5dB
Filter #1 Q	Q3.0
Filter #2 Type	--
Filter #2 Frequency	--
Filter #2 Gain	--
Filter #2 Q	--
Filter #3 Type	--
Filter #3 Frequency	--
Filter #3 Gain	--
Filter #3 Q	--
Filter #4 Type	--
Filter #4 Frequency	--
Filter #4 Gain	--
Filter #4 Q	--
Filter #5 Type	--
Filter #5 Frequency	--
Filter #5 Gain	--
Filter #5 Q	--
Filter #6 Type	--
Filter #6 Frequency	--
Filter #6 Gain	--
Filter #6 Q	--
Filter #7 Type	--
Filter #7 Frequency	--
Filter #7 Gain	--
Filter #7 Q	--
Filter #8 Type	--
Filter #8 Frequency	--
Filter #8 Gain	--
Filter #8 Q	--

JBL PD566 Passive Limiter Settings for Crown DCi Amplifiers

Peak Voltage: 125

RMS Voltage: 63

Thermal Voltage: 49

JBL PD566 Bi-Amp IIR Configuration for Crown DCi Amplifiers
Tabulated DSP Parameters

Parameter	PD566 BA LF IIR	PD566 BA HF IIR
High Pass Type	Butterworth 24dB/Oct	Butterworth 12dB/Oct
High Pass Frequency	60Hz	1200Hz
Low Pass Type	Butterworth 12dB/Oct	--
Low Pass Frequency	1200Hz	--
Bandpass Gain	+9dB	+9dB
Output Polarity	(+) Non-Inverting	(-) Inverting
Output Delay	2.00ms	3.09ms
Filter #1 Type	Parametric EQ	Parametric EQ
Filter #1 Frequency	330 Hz	500 Hz
Filter #1 Gain	-4.0dB	-12dB
Filter #1 Q	Q3.0	Q3.0
Filter #2 Type	Parametric EQ	Parametric EQ
Filter #2 Frequency	500 Hz	1.00 kHz
Filter #2 Gain	-1.0dB	-2.0dB
Filter #2 Q	Q3.0	Q1.0
Filter #3 Type	Parametric EQ	Parametric EQ
Filter #3 Frequency	650 Hz	2.40 kHz
Filter #3 Gain	-2.0dB	-11.0dB
Filter #3 Q	Q2.0	Q0.8
Filter #4 Type	Parametric EQ	Parametric EQ
Filter #4 Frequency	780 Hz	3.00 kHz
Filter #4 Gain	+5.0dB	+1.0dB
Filter #4 Q	Q4.0	Q2
Filter #5 Type	Parametric EQ	Parametric EQ
Filter #5 Frequency	1.10 kHz	5.00 kHz
Filter #5 Gain	-7.0dB	+2.5dB
Filter #5 Q	Q3.0	Q2.7
Filter #6 Type	Parametric EQ	Parametric EQ
Filter #6 Frequency	2.00 kHz	14.0 kHz
Filter #6 Gain	-6.0dB	+4.0dB
Filter #6 Q	Q4.0	Q2.0
Filter #7 Type	--	--
Filter #7 Frequency	--	--
Filter #7 Gain	--	--
Filter #7 Q	--	--
Filter #8 Type	--	--
Filter #8 Frequency	--	--
Filter #8 Gain	--	--
Filter #8 Q	--	--

JBL PD566 Bi-Amp FIR Configuration for Crown DCi Amplifiers
Tabulated DSP Parameters

Parameter	PD566 BA LF FIR	PD566 BA HF FIR
High Pass Type	Butterworth 24dB/Oct	Proprietary FIR
High Pass Frequency	60Hz	
Low Pass Type	Proprietary FIR	--
Low Pass Frequency		--
Bandpass Gain	+0.0dB	+0.0dB
Output Polarity	(+) Non-Inverting	(+) Non-Inverting
Output Delay	0.00ms	0.00ms
Filter #1 Type	Parametric EQ	--
Filter #1 Frequency	325 Hz	--
Filter #1 Gain	-3.5dB	--
Filter #1 Q	Q3.0	--
Filter #2 Type	--	--
Filter #2 Frequency	--	--
Filter #2 Gain	--	--
Filter #2 Q	--	--
Filter #3 Type	--	--
Filter #3 Frequency	--	--
Filter #3 Gain	--	--
Filter #3 Q	--	--
Filter #4 Type	--	--
Filter #4 Frequency	--	--
Filter #4 Gain	--	--
Filter #4 Q	--	--
Filter #5 Type	--	--
Filter #5 Frequency	--	--
Filter #5 Gain	--	--
Filter #5 Q	--	--
Filter #6 Type	--	--
Filter #6 Frequency	--	--
Filter #6 Gain	--	--
Filter #6 Q	--	--
Filter #7 Type	--	--
Filter #7 Frequency	--	--
Filter #7 Gain	--	--
Filter #7 Q	--	--
Filter #8 Type	--	--
Filter #8 Frequency	--	--
Filter #8 Gain	--	--
Filter #8 Q	--	--

JBL PD566 LF Limiter Settings for Crown DCi Amplifiers

Peak Voltage: 125

RMS Voltage: 63

Thermal Voltage: 49

JBL PD566 HF Limiter Settings for Crown DCi Amplifiers

Peak Voltage: 53.5

RMS Voltage: 19

Thermal Voltage: 17