

# MQ Processor Settings

November 13, 2001



## MQ1364 biamp w/ MQ1312

OUTPUT	Name	Low	Mid	Hi
GAIN	(dB)	10.0	0.0	0.0
DELAY	(ms)	2.73	0.00	0.21
POLARITY		Positive	Positive	Positive
HPF	Freq (Hz)	35	210	1155
	Slope (dB)	24	24	24
	Shape	Butterworth	Butterworth	Butterworth
LPF	Freq (Hz)	182	944	18302
	Slope (dB)	24	24	12
	Shape	Butterworth	Butterworth	Butterworth
PEQ1	Freq (Hz)	47	250	1000
	Level (dB)	3.0	3.0	-9.0
	Type	Parametric	Parametric	Parametric
	Q	2.52	0.84	0.71
	(Bandwidth)	0.40	1.19	1.67
PEQ2	Freq (Hz)		749	2911
	Level (dB)		-6.0	-4.0
	Type		Parametric	Parametric
	Q		1.41	2.52
	(Bandwidth)		0.71	0.40
PEQ3	Freq (Hz)		1498	11314
	Level (dB)		6.0	7.0
	Type		Parametric	Parametric
	Q		1.88	0.89
	(Bandwidth)		0.53	1.19
PEQ4	Freq (Hz)			
	Level (dB)			
	Type			
	Q			
	(Bandwidth)			
PEQ5	Freq (Hz)			
	Level (dB)			
	Type			
	Q			
	(Bandwidth)			

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OUTPUT	Name	Low	Mid	Hi
GAIN	(dB)	7.0	0.0	-2.0
DELAY	(ms)	2.50	0.00	0.21
POLARITY		Positive	Positive	Positive
HPF	Freq (Hz)	35	210	1542
	Slope (dB)	24	24	24
	Shape	Butterworth	Butterworth	Butterworth
LPF	Freq (Hz)	182	1498	10375
	Slope (dB)	24	24	12
	Shape	Butterworth	Linkwitz-Riley	Bessel
PEQ1	Freq (Hz)	47	136	2997
	Level (dB)	3.0	7.0	-3.5
	Type	Parametric	Parametric	Parametric
	Q	2.52	1.12	3.36
	(Bandwidth)	0.40	0.94	0.30
PEQ2	Freq (Hz)		771	1782
	Level (dB)		-5.5	-6.5
	Type		Parametric	Parametric
	Q		1.33	0.67
	(Bandwidth)		0.75	1.53
PEQ3	Freq (Hz)		1498	8724
	Level (dB)		6.0	10.5
	Type		Parametric	Parametric
	Q		1.89	0.71
	(Bandwidth)		0.53	1.82
PEQ4	Freq (Hz)			3364
	Level (dB)			-1.0
	Type			Parametric
	Q			4.00
	(Bandwidth)			0.25
PEQ5	Freq (Hz)			5187
	Level (dB)			-0.5
	Type			Parametric
	Q			4.00
	(Bandwidth)			0.25

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## MQ1394 biamp w/ MQ1312

OUTPUT	Name	Low	Mid	Hi
GAIN	(dB)	10.0	0.0	4.0
DELAY	(ms)	2.73	0.00	0.21
POLARITY		Positive	Positive	Positive
HPF	Freq (Hz)	35	210	1122
	Slope (dB)	24	24	24
	Shape	Butterworth	Butterworth	Butterworth
LPF	Freq (Hz)	182	972	18302
	Slope (dB)	24	24	12
	Shape	Butterworth	Butterworth	Butterworth
PEQ1	Freq (Hz)	47	273	1000
	Level (dB)	3.0	4.0	-9.0
	Type	Parametric	Parametric	Parametric
	Q	2.52	0.84	0.71
	(Bandwidth)	0.40	1.19	1.67
PEQ2	Freq (Hz)		578	2911
	Level (dB)		-3.0	-4.0
	Type		Parametric	Parametric
	Q		1.00	2.52
	(Bandwidth)		1.00	0.40
PEQ3	Freq (Hz)		1498	11314
	Level (dB)		6.0	7.0
	Type		Parametric	Parametric
	Q		1.89	0.89
	(Bandwidth)		0.53	1.19
PEQ4	Freq (Hz)		397	
	Level (dB)		-1.0	
	Type		Parametric	
	Q		4.00	
	(Bandwidth)		0.25	
PEQ5	Freq (Hz)			
	Level (dB)			
	Type			
	Q			
	(Bandwidth)			

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## MQ2364 biamp w/ MQ2315

OUTPUT	Name	Low	Mid	Hi
GAIN	(dB)	1.0	2.5	0.0
DELAY	(ms)	0.00	0.00	0.21
POLARITY		Positive	Positive	Positive
HPF	Freq (Hz)	35	198	1189
	Slope (dB)	24	24	24
	Shape	Butterworth	Butterworth	Butterworth
LPF	Freq (Hz)	177	891	thru
	Slope (dB)	24	24	
	Shape	Butterworth	Butterworth	
PEQ1	Freq (Hz)		794	1000
	Level (dB)		-1.5	-7.0
	Type		Parametric	Parametric
	Q		4.00	0.59
	(Bandwidth)		0.25	1.79
PEQ2	Freq (Hz)		728	3268
	Level (dB)		-11.0	-5.0
	Type		Parametric	Parametric
	Q		1.12	2.52
	(Bandwidth)		1.19	0.40
PEQ3	Freq (Hz)		1587	11314
	Level (dB)		7.0	6.0
	Type		Parametric	Parametric
	Q		3.56	1.00
	(Bandwidth)		0.30	1.00
PEQ4	Freq (Hz)		397	13454
	Level (dB)		-1.5	-2.5
	Type		Parametric	Parametric
	Q		1.59	3.00
	(Bandwidth)		0.63	0.33
PEQ5	Freq (Hz)			16951
	Level (dB)			-3.0
	Type			Parametric
	Q			5.04
	(Bandwidth)			0.20

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## MQ2364 biamp w/ MQ2412

OUTPUT	Name	Low	Mid	Hi
GAIN	(dB)	5.0	2.5	0.0
DELAY	(ms)	2.73	0.00	0.21
POLARITY		Positive	Positive	Positive
HPF	Freq (Hz)	35	198	1189
	Slope (dB)	24	24	24
	Shape	Butterworth	Butterworth	Butterworth
LPF	Freq (Hz)	177	891	thru
	Slope (dB)	24	24	
	Shape	Butterworth	Butterworth	
PEQ1	Freq (Hz)	281	794	1000
	Level (dB)	-2.5	-1.5	-7.0
	Type	Parametric	Parametric	Parametric
	Q	2.52	4.00	0.59
	(Bandwidth)	0.40	0.25	1.79
PEQ2	Freq (Hz)		728	3268
	Level (dB)		-11.0	-5.0
	Type		Parametric	Parametric
	Q		1.12	2.52
	(Bandwidth)		1.19	0.40
PEQ3	Freq (Hz)		1587	11314
	Level (dB)		7.0	6.0
	Type		Parametric	Parametric
	Q		3.56	1.00
	(Bandwidth)		0.30	1.00
PEQ4	Freq (Hz)		397	13454
	Level (dB)		-1.5	-2.5
	Type		Parametric	Parametric
	Q		1.59	3.00
	(Bandwidth)		0.63	0.33
PEQ5	Freq (Hz)			16951
	Level (dB)			-3.0
	Type			Parametric
	Q			5.04
	(Bandwidth)			0.20

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## MQ2394 biamp w/ MQ2412

OUTPUT	Name	Low	Mid	Hi
GAIN	(dB)	5.0	0.0	-1.0
DELAY	(ms)	2.73	0.00	0.21
POLARITY		Positive	Positive	Positive
HPF	Freq (Hz)	35	198	1189
	Slope (dB)	24	24	24
	Shape	Butterworth	Butterworth	Butterworth
LPF	Freq (Hz)	177	891	17959
	Slope (dB)	24	24	12
	Shape	Butterworth	Butterworth	Bessel
PEQ1	Freq (Hz)	56	728	1731
	Level (dB)	5.0	-11.0	-6.0
	Type	Parametric	Parametric	Parametric
	Q	2.00	1.12	0.94
	(Bandwidth)	0.50	1.19	1.06
PEQ2	Freq (Hz)		1587	3175
	Level (dB)		7.0	-6.0
	Type		Parametric	Parametric
	Q		3.56	2.52
	(Bandwidth)		0.30	0.40
PEQ3	Freq (Hz)		397	11314
	Level (dB)		-4.0	9.0
	Type		Parametric	Parametric
	Q		1.59	2.00
	(Bandwidth)		0.63	0.59
PEQ4	Freq (Hz)			12338
	Level (dB)			-5.0
	Type			Parametric
	Q			5.04
	(Bandwidth)			0.20
PEQ5	Freq (Hz)			
	Level (dB)			
	Type			
	Q			
	(Bandwidth)			

# MQ Processor Settings

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## MQ3464D biamp parallel HF

OUTPUT	Name	Mid	Hi Cell A & B
GAIN	(dB)	-1.0	0.0
DELAY	(ms)	0.44	0.77
POLARITY		Positive	Positive
HPF	Freq (Hz)	173	1059
	Slope (dB)	24	24
	Shape	Linkwitz-Riley	Linkwitz-Riley
LPF	Freq (Hz)	1059	thru
	Slope (dB)	24	
	Shape	Linkwitz-Riley	
PEQ1	Freq (Hz)	841	891
	Level (dB)	-4.5	-4.0
	Type	Parametric	Parametric
	Q	2.51	1.41
	(Bandwidth)	0.40	0.71
PEQ2	Freq (Hz)	1254	817
	Level (dB)	7.0	2.0
	Type	Parametric	Parametric
	Q	2.00	2.99
	(Bandwidth)	0.53	0.33
PEQ3	Freq (Hz)	2175	2239
	Level (dB)	-6.0	-2.0
	Type	Parametric	Parametric
	Q	3.98	2.51
	(Bandwidth)	0.25	0.40
PEQ4	Freq (Hz)		8913
	Level (dB)		9.0
	Type		Parametric
	Q		1.78
	(Bandwidth)		0.67
PEQ5	Freq (Hz)		12589
	Level (dB)		8.0
	Type		Parametric
	Q		1.88
	(Bandwidth)		0.60

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## MQTD412 biamp

OUTPUT		Name	12" Woofer		8" Woofer	
GAIN	(dB)		0.0	0.0		
			0.00	0.38		
			Positive	Positive		
POLARITY			40	335		
			24	24		
			Butterworth	Linkwitz-Riley		
HPF	Freq (Hz)		316	400-500		
			24	user defined		
			Linkwitz-Riley			
LPF	Freq (Hz)		281	274		
			-8.0	4.5		
			Parametric	Parametric		
PEQ1	Level (dB)	Type	2.00	2.00		
			Q	0.50		
			(Bandwidth)			
PEQ2	Freq (Hz)			447		
				-4.0		
				Parametric		
PEQ3	Level (dB)	Type		2.00		
				0.50		
PEQ4	Freq (Hz)					
PEQ5	Level (dB)	Type				
PEQ6	Freq (Hz)					

## MQTD415 biamp

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