

AX Processor Settings

September 9, 2004



AX344 single-amp

AX344 bi-amp

OUTPUT	Name	Full Range	LF	MF/HF
GAIN	(dB)	0.0	0.0	0.0
DELAY	(ms)	0.00	0.00	0.00
POLARITY		Positive	Positive	Positive
HPF	Freq (Hz)	40.5	40.5	433
	Slope (dB)	24	24	12
	Shape	Butterworth	Butterworth	Butterworth
LPF	Freq (Hz)	21983	198	21983
	Slope (dB)	24	24	24
	Shape	Butterworth	Bessel	Butterworth
PEQ1	Freq (Hz)	129	105	1155
	Level (dB)	7.0	7.0	4.5
	Type	Parametric	Parametric	Parametric
	Q	2.67	2.00	1.59
	(Bandwidth)	0.40	0.53	0.63
PEQ2	Freq (Hz)	1000	595	2594
	Level (dB)	4.5	-15.0	-7.0
	Type	Parametric	Parametric	Parametric
	Q	2.24	7.55	1.33
	(Bandwidth)	0.45	0.22	0.80
PEQ3	Freq (Hz)	648	229	545
	Level (dB)	-2.5	-4.5	-5.5
	Type	Parametric	Parametric	Parametric
	Q	3.56	2.24	2.52
	(Bandwidth)	0.28	0.45	0.40
PEQ4	Freq (Hz)	2748		198
	Level (dB)	-6.5		-10.0
	Type	Parametric		Parametric
	Q	1.19		14.25
	(Bandwidth)	0.86		0.09
PEQ5	Freq (Hz)	257		
	Level (dB)	-4.0		
	Type	Parametric		
	Q	2.52		
	(Bandwidth)	0.40		

To use with AX122 sub, Full Range/Low HPF should be 80 Hz, 24 dB Butterworth

Output gains assume all amplifiers have the same voltage gain

AX Processor Settings

September 9, 2004



AX364 single-amp

AX364 bi-amp

OUTPUT	Name	Full Range	LF	MF/HF
GAIN	(dB)	0.0	0.0	0.0
DELAY	(ms)	0.00	0.00	0.00
POLARITY		Positive	Positive	Positive
HPF	Freq (Hz)	40.5	40.5	433
	Slope (dB)	24	24	12
	Shape	Butterworth	Butterworth	Butterworth
LPF	Freq (Hz)	21983	198	21983
	Slope (dB)	24	24	24
	Shape	Butterworth	Bessel	Butterworth
PEQ1	Freq (Hz)	129	105	1155
	Level (dB)	7.0	7.0	4.0
	Type	Parametric	Parametric	Parametric
	Q	2.67	2.00	2.67
	(Bandwidth)	0.40	0.53	0.37
PEQ2	Freq (Hz)	1091	595	3084
	Level (dB)	4.0	-15.0	-5.5
	Type	Parametric	Parametric	Parametric
	Q	4.49	7.55	1.68
	(Bandwidth)	0.22	0.22	0.60
PEQ3	Freq (Hz)	630	229	630
	Level (dB)	-3.0	-4.5	-4.5
	Type	Parametric	Parametric	Parametric
	Q	4.00	2.24	2.38
	(Bandwidth)	0.25	0.45	0.42
PEQ4	Freq (Hz)	3175		198
	Level (dB)	-5.5		-10.0
	Type	Parametric		Parametric
	Q	1.78		14.25
	(Bandwidth)	0.56		0.09
PEQ5	Freq (Hz)	257		
	Level (dB)	-4.0		
	Type	Parametric		
	Q	3.00		
	(Bandwidth)	0.33		

To use with AX122 sub, Full Range/Low HPF should be 80 Hz, 24 dB Butterworth

Output gains assume all amplifiers have the same voltage gain

AX Processor Settings

September 9, 2004



AX366 single-amp

AX366 bi-amp

OUTPUT	Name	Full Range	LF	MF/HF
GAIN	(dB)	0.0	0.0	0.0
DELAY	(ms)	0.00	0.00	0.00
POLARITY		Positive	Positive	Positive
HPF	Freq (Hz)	40.5	40.5	433
	Slope (dB)	24	24	12
	Shape	Butterworth	Butterworth	Butterworth
LPF	Freq (Hz)	21983	198	21983
	Slope (dB)	24	24	24
	Shape	Butterworth	Bessel	Butterworth
PEQ1	Freq (Hz)	129	105	1224
	Level (dB)	7.0	7.0	4.0
	Type	Parametric	Parametric	Parametric
	Q	2.67	2.00	2.12
	(Bandwidth)	0.40	0.53	0.47
PEQ2	Freq (Hz)	1091	595	2997
	Level (dB)	4.0	-15.0	-5.0
	Type	Parametric	Parametric	Parametric
	Q	4.49	7.55	1.68
	(Bandwidth)	0.22	0.22	0.60
PEQ3	Freq (Hz)	648	229	612
	Level (dB)	-4.0	-4.5	-6.5
	Type	Parametric	Parametric	Parametric
	Q	4.00	2.24	2.38
	(Bandwidth)	0.25	0.45	0.43
PEQ4	Freq (Hz)	3175		198
	Level (dB)	-5.0		-10.0
	Type	Parametric		Parametric
	Q	1.78		14.25
	(Bandwidth)	0.56		0.09
PEQ5	Freq (Hz)	257		
	Level (dB)	-5.0		
	Type	Parametric		
	Q	2.67		
	(Bandwidth)	0.37		

To use with AX122 sub, Full Range/Low HPF should be 80 Hz, 24 dB Butterworth
 Output gains assume all amplifiers have the same voltage gain

AX Processor Settings

September 9, 2004



AX396 single-amp

AX396 bi-amp

OUTPUT Name		Full Range	LF	MF/HF
GAIN	(dB)	0.0	0.0	0.0
DELAY	(ms)	0.00	0.00	0.00
POLARITY		Positive	Positive	Positive
HPF	Freq (Hz)	40.5	40.5	433
	Slope (dB)	24	24	12
	Shape	Butterworth	Butterworth	Butterworth
LPF	Freq (Hz)	21983	198	21983
	Slope (dB)	24	24	24
	Shape	Butterworth	Bessel	Butterworth
PEQ1	Freq (Hz)	129	105	1029
	Level (dB)	7.0	7.0	7.0
	Type	Parametric	Parametric	Parametric
	Q	2.67	2.00	2.52
	(Bandwidth)	0.40	0.53	0.42
PEQ2	Freq (Hz)	1029	595	2997
	Level (dB)	6.0	-15.0	-4.5
	Type	Parametric	Parametric	Parametric
	Q	2.52	7.55	1.41
	(Bandwidth)	0.40	0.22	0.71
PEQ3	Freq (Hz)	707	229	667
	Level (dB)	-5.0	-4.5	-6.0
	Type	Parametric	Parametric	Parametric
	Q	4.00	2.24	2.38
	(Bandwidth)	0.25	0.45	0.42
PEQ4	Freq (Hz)	2911		198
	Level (dB)	-4.0		-10.0
	Type	Parametric		Parametric
	Q	1.26		14.25
	(Bandwidth)	0.79		0.09
PEQ5	Freq (Hz)	281		
	Level (dB)	-4.0		
	Type	Parametric		
	Q	2.67		
	(Bandwidth)	0.37		
PEQ6	Freq (Hz)	5040		4000
	Level (dB)	4.0		4.5
	Type	6 dB Hi Shelf		6 dB Hi Shelf

To use with AX122 sub, Full Range/Low HPF should be 80 Hz, 24 dB Butterworth

Output gains assume all amplifiers have the same voltage gain

AX Processor Settings

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AX122

OUTPUT	Name	LF
GAIN	(dB)	0.0
DELAY	(ms)	0.00
POLARITY		Positive
HPF	Freq (Hz)	30.4
	Slope (dB)	24
	Shape	Butterworth
LPF	Freq (Hz)	72
	Slope (dB)	24
	Shape	Butterworth
PEQ1	Freq (Hz)	44
	Level (dB)	4.0
	Type	Parametric
	Q	3.00
	(Bandwidth)	0.33
PEQ2	Freq (Hz)	74
	Level (dB)	-5.0
	Type	Parametric
	Q	3.00
	(Bandwidth)	0.33

Output gains assume all amplifiers have the same voltage gain