MK23/5300 Processor Settings

September 30, 2008

OUTPUT	Name	MK2326 bi-amp LF	MK2326 bi-amp HF	MK2364 bi-amp LF	MK2364 bi-amp HF	MK2366 bi-amp LF	MK2366 bi-amp HF
GAIN	(dB)	0.0	-4.0	0.0	-10.0	0.0	-9.5
DELAY	(ms)	0.23	0.00	0.44	0.00	0.27	0.00
POLARITY		Positive	Negative	Positive	Positive	Positive	Positive
HPF	Freq (Hz)	60	2245	60	2000	60	2119
	Slope (dB)	12	24	12	24	12	24
	Shape	Butterworth	Linkwitz-Riley	Butterworth	Linkwitz-Riley	Butterworth	Linkwitz-Riley
LPF	Freq (Hz)	1414	21983	1374	21983	1260	21983
	Slope (dB)	24	24	24	24	24	24
	Shape	Butterwoth	Linkwitz-Riley	Butterworth	Linkwitz-Riley	Butterworth	Linkwitz-Riley
PEQ1	Freq (Hz)	687	4896	687	4000	707	4000
	Level (dB)	-5.0	-8.0	-6.0	-6.5	-7.5	-8.0
	Type	Parametric	Parametric	Parametric	Parametric	Parametric	Parametric
	Q	2.00	5.99	3.00	1.89	3.36	3.00
	(Bandwidth)	0.50	0.19	0.33	0.54	0.32	0.37
PEQ2	Freq (Hz)	257	3175	257	2911	273	7127
	Level (dB)	-2.0	-6.5	-3.0	6.0	-3.5	2.5
	Type	Parametric	Parametric	Parametric	Parametric	Parametric	Parametric
	Q	2.00	2.24	2.00	10.08	2.00	4.00
	(Bandwidth)	0.50	0.46	0.50	0.10	0.50	0.25
PEQ3	Freq (Hz)	132	10992	144	7336	149	9792
	Level (dB)	3.0	-4.5	3.0	3.5	2.0	-1.5
	Type	Parametric	Parametric	Parametric	Parametric	Parametric	Parametric
	Q	2.00	5.34	2.00	5.04	2.00	2.00
	(Bandwidth)	0.50	0.19	0.50	0.20	0.50	0.50
PEQ4	Freq (Hz)	2520	2594	472	1943	2119	2748
	Level (dB)	-12.0	3.0	1.5	-2.5	-10.0	1.0
	Type	Parametric	Parametric	Parametric	Parametric	Parametric	Parametric
	Q	10.08	6.73	3.56	4.00	10.08	5.99
	(Bandwidth)	0.14	0.15	0.28	0.25	0.12	0.17
PEQ5	Freq (Hz)		6169			1029	
	Level (dB)		3.0			1.5	
	Type		Parametric			Parametric	
	Q		8.00			5.04	
	(Bandwidth)		0.13			0.20	

NOTE: To use system with sub, high pass LF @ 80-100 Hz (24 dB Linkwitz-Riley)

Output gains assume all amplifier channels have the same voltage gain

MK23/5300 Processor Settings

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OUTPUT	Name	MK2394 bi-amp LF	MK2394 bi-amp HF	MK2396 bi-amp LF	MK2396 bi-amp HF	MK2399 bi-amp LF	MK2399 bi-amp HF
GAIN	(dB)	0.0	-9.0	0.0	-7.5	0.0	-5.0
DELAY	(ms)	0.33	0.00	0.25	0.00	0.35	0.00
POLARITY		Positive	Positive	Positive	Positive	Positive	Positive
HPF	Freq (Hz)	60	2119	60	2119	60	2000
	Slope (dB)	12	24	12	24	12	24
	Shape	Butterworth	Linkwitz-Riley	Butterworth	Linkwitz-Riley	Butterworth	Linkwitz-Riley
LPF	Freq (Hz)	1297	21983	1374	21983	1335	21983
	Slope (dB)	24	24	24	24	24	24
	Shape	Butterworth	Linkwitz-Riley	Butterworth	Linkwitz-Riley	Butterworth	Linkwitz-Riley
PEQ1	Freq (Hz)	707	3564	687	3775	687	4362
	Level (dB)	-6.5	-6.5	-4.5	-5.0	-4.0	-7.0
	Type	Parametric	Parametric	Parametric	Parametric	Parametric	Parametric
	Q	2.38	2.00	2.00	5.04	2.00	1.78
	(Bandwidth)	0.43	0.51	0.50	0.20	0.50	0.59
PEQ2	Freq (Hz)	281	5657	265	5339	281	2245
	Level (dB)	-4.0	-3.5	-2.0	-3.5	-2.5	-3.5
	Type	Parametric	Parametric	Parametric	Parametric	Parametric	Parametric
	Q	1.78	4.24	2.00	5.04	1.50	4.49
	(Bandwidth)	0.56	0.24	0.50	0.20	0.67	0.22
PEQ3	Freq (Hz)	149	6924	149	7336	153	6924
	Level (dB)	1.5	2.5	3.0	2.5	3.0	3.5
	Type	Parametric	Parametric	Parametric	Parametric	Parametric	Parametric
	Q	2.00	5.04	2.00	5.99	2.52	5.99
	(Bandwidth)	0.50	0.20	0.50	0.17	0.40	0.17
PEQ4	Freq (Hz)	1335	8980	500	2119	1943	10375
	Level (dB)	1.5	-2.0	1.5	-2.0	-12.0	-5.0
	Type	Parametric	Parametric	Parametric	Parametric	Parametric	Parametric
	Q	7.13	7.13	5.04	3.00	8.98	3.36
	(Bandwidth)	0.14	0.14	0.20	0.33	0.16	0.30
PEQ5	Freq (Hz)	2448	2520	1059			1834
	Level (dB)	-12.0	3.0	1.5			1.0
	Type	Parametric	Parametric	Parametric			Parametric
	Q	10.08	2.83	4.76			5.00
	(Bandwidth)	0.14	0.35	0.21			0.20

NOTE: To use system with sub, high pass LF @ 80-100 Hz (24 dB Linkwitz-Riley)

Output gains assume all amplifier channels have the same voltage gain

MK23/5300 Processor Settings

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OUTPUT	Name	MK5326 bi-amp LF	MK5326 bi-amp HF	MK5364 bi-amp LF	MK5364 bi-amp HF	MK5366 bi-amp LF	MK5366 bi-amp HF
GAIN	(dB)	0.0	-7.0	0.0	-9.0	0.0	-8.0
DELAY	(ms)	0.17	0.00	0.31	0.00	0.17	0.00
POLARITY		Positive	Negative	Positive	Negative	Positive	Positive
HPF	Freq (Hz)	50	1682	50	1782	50	1888
	Slope (dB)	12	24	12	24	12	24
	Shape	Butterworth	Linkwitz-Riley	Butterworth	Linkwitz-Riley	Butterworth	Linkwitz-Riley
LPF	Freq (Hz)	1414	21983	1260	21983	1189	21983
	Slope (dB)	24	24	24	24	24	24
	Shape	Butterworth	Linkwitz-Riley	Butterworth	Linkwitz-Riley	Butterworth	Linkwitz-Riley
PEQ1	Freq (Hz)	515	4000	545	4238	530	3886
	Level (dB)	-3.5	-6.5	-3.5	-7.0	-3.5	-7.0
	Type	Parametric	Parametric	Parametric	Parametric	Parametric	Parametric
	Q	2.00	2.52	2.00	1.50	2.00	2.00
	(Bandwidth)	0.50	0.41	0.50	0.71	0.50	0.53
PEQ2	Freq (Hz)	1888	6924	210	6727	223	7127
	Level (dB)	-12.0	4.0	-1.5	4.0	-1.0	3.5
	Type	Parametric	Parametric	Parametric	Parametric	Parametric	Parametric
	Q	10.08	2.52	4.00	4.49	2.00	4.49
	(Bandwidth)	0.14	0.40	0.25	0.22	0.50	0.22
PEQ3	Freq (Hz)	866	2000	1059	2181	1091	2245
	Level (dB)	1.5	-5.0	3.0	-3.0	3.5	-3.5
	Type	Parametric	Parametric	Parametric	Parametric	Parametric	Parametric
	Q	2.00	4.49	3.00	4.49	5.99	5.99
	(Bandwidth)	0.50	0.22	0.33	0.22	0.17	0.17
PEQ4	Freq (Hz)	1155	2997	1834	2748		1634
	Level (dB)	3.0	2.5	-10.0	2.0		-1.0
	Type	Parametric	Parametric	Parametric	Parametric		Parametric
	Q	10.08	5.99	10.08	8.00		2.00
	(Bandwidth)	0.10	0.17	0.12	0.13		0.50
PEQ5	Freq (Hz)		5657				2748
	Level (dB)		1.5				1.0
	Type		Parametric				Parametric
	Q		10.08				5.04
	(Bandwidth)		0.10				0.20

NOTE: To use system with sub, high pass LF @ 80-100 Hz (24 dB Linkwitz-Riley)

Output gains assume all amplifier channels have the same voltage gain

MK23/5300 Processor Settings

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OUTPUT	Name	MK5394 bi-amp LF	MK5394 bi-amp HF	MK5396 bi-amp LF	MK5396 bi-amp HF	MK5399 bi-amp LF	MK5399 bi-amp HF
GAIN	(dB)	0.0	-6.0	0.0	-9.5	0.0	-9.0
DELAY	(ms)	0.29	0.00	0.10	0.00	0.31	0.00
POLARITY		Positive	Negative	Positive	Positive	Positive	Negative
HPF	Freq (Hz)	50	1782	50	1682	50	1682
	Slope (dB)	12	24	12	24	12	24
	Shape	Butterworth	Linkwitz-Riley	Butterworth	Linkwitz-Riley	Butterworth	Linkwitz-Riley
LPF	Freq (Hz)	1224	14672	1189	21983	1335	21983
	Slope (dB)	24	12	24	24	24	24
	Shape	Butterworth	Butterworth	Butterworth	Linkwitz-Riley	Butterworth	Linkwitz-Riley
PEQ1	Freq (Hz)	530	4117	515	4117	515	3775
	Level (dB)	-2.5	-7.0	-3.0	-4.0	-3.5	-4.5
	Type	Parametric	Parametric	Parametric	Parametric	Parametric	Parametric
	Q	2.00	2.00	2.00	2.52	2.00	5.99
	(Bandwidth)	0.50	0.53	0.50	0.40	0.50	0.17
PEQ2	Freq (Hz)	1091	2181	1029	8724	1888	6924
	Level (dB)	3.5	-4.0	2.5	3.5	-12.0	4.0
	Type	Parametric	Parametric	Parametric	Parametric	Parametric	Parametric
	Q	4.49	2.24	3.00	2.00	10.08	5.04
	(Bandwidth)	0.22	0.45	0.33	0.50	0.14	0.20
PEQ3	Freq (Hz)		8476		2119	1122	2748
	Level (dB)		-2.0		-3.5	3.5	2.5
	Type		Parametric		Parametric	Parametric	Parametric
	Q		8.00		5.04	6.35	6.73
	(Bandwidth)		0.13		0.20	0.16	0.15
PEQ4	Freq (Hz)		1542		2997		2119
	Level (dB)		-1.5		1.5		-3.0
	Type		Parametric		Parametric		Parametric
	Q		2.00		5.99		5.99
	(Bandwidth)		0.50		0.17		0.17
PEQ5	Freq (Hz)		2748				
	Level (dB)		1.5				
	Type		Parametric				
	Q		5.99				
	(Bandwidth)		0.17				

NOTE: To use system with sub, high pass LF @ 80-100 Hz (24 dB Linkwitz-Riley)

Output gains assume all amplifier channels have the same voltage gain