

ASe Processor Settings

January 2, 2006



AS460e bi-amp w/AS415e*

AS460e single-amp w/ AS415e*

OUTPUT	Name
GAIN	(dB)
DELAY	(ms)
POLARITY	
HPF	Freq (Hz)
	Slope (dB)
	Shape
LPF	Freq (Hz)
	Slope (dB)
	Shape
PEQ1	Freq (Hz)
	Level (dB)
	Type
	Q
	(Bandwidth)
PEQ2	Freq (Hz)
	Level (dB)
	Type
	Q
	(Bandwidth)
PEQ3	Freq (Hz)
	Level (dB)
	Type
	Q
	(Bandwidth)
PEQ4	Freq (Hz)
	Level (dB)
	Type
	Q
	(Bandwidth)
PEQ5	Freq (Hz)
	Level (dB)
	Type
	Q
	(Bandwidth)

LF	MF	HF
8.5	-5.0	-5.5
2.10	0.00	0.00
Positive	Negative	Negative
40.5	433	1260
24	24	24
Butterworth	Butterworth	Butterworth
297	1414	21983
24	18	24
Butterworth	Butterworth	Butterworth
70	2000	2119
3.0	-15.0	-3.0
Parametric	Parametric	Parametric
1.00	8.00	1.59
1.00	0.21	0.63
273		4238
4.0		-1.5
Parametric		Parametric
2.52		3.56
0.40		0.28
		8476
		6.0
		Parametric
		5.04
		0.20
		12699
		11.5
		Parametric
		2.52
		0.54

LF	MF/HF
8.5	-2.0
2.10	0.00
Positive	Positive
40.5	433
24	24
Butterworth	Butterworth
297	21983
24	24
Butterworth	Butterworth
70	8476
3.0	4.0
Parametric	Parametric
1.00	5.04
1.00	0.20
273	12699
4.0	7.0
Parametric	Parametric
2.52	2.52
0.40	0.42

* Configuration is for one AS415e between two AS460e's.

* To use AS460e without LF, high pass MF @ 200 Hz (12 dB Btrwrth)

NOTE: To use system with sub, high pass LF @ 100 Hz (24 dB Butterworth).

Output gains assume all amplifiers have the same voltage gain

ASe Processor Settings

January 2, 2006



AS460e bi-amp w/AS422e*

AS460e single-amp w/ AS422e*

OUTPUT	Name
GAIN	(dB)
DELAY	(ms)
POLARITY	
HPF	Freq (Hz)
	Slope (dB)
	Shape
LPF	Freq (Hz)
	Slope (dB)
	Shape
PEQ1	Freq (Hz)
	Level (dB)
	Type
	Q
	(Bandwidth)
PEQ2	Freq (Hz)
	Level (dB)
	Type
	Q
	(Bandwidth)
PEQ3	Freq (Hz)
	Level (dB)
	Type
	Q
	(Bandwidth)
PEQ4	Freq (Hz)
	Level (dB)
	Type
	Q
	(Bandwidth)
PEQ5	Freq (Hz)
	Level (dB)
	Type
	Q
	(Bandwidth)

LF	MF	HF
4.0	-5.0	-5.5
1.70	0.00	0.00
Positive	Negative	Negative
35	433	1260
24	24	24
Butterworth	Butterworth	Butterworth
459	1414	21983
18	18	24
Butterworth	Butterworth	Butterworth
250	2000	2119
-4.5	-15.0	-3.0
Parametric	Parametric	Parametric
2.83	8.00	1.59
0.35	0.21	0.63
132		4238
3.2		-1.5
Parametric		Parametric
2.00		3.56
0.50		0.28
		8476
		6.0
		Parametric
		5.04
		0.20
		12699
		11.5
		Parametric
		2.52
		0.54

LF	MF/HF
4.0	-2.0
1.45	0.00
Positive	Positive
35	433
24	24
Butterworth	Butterworth
459	21983
24	24
Butterworth	Butterworth
250	8476
-4.5	4.0
Parametric	Parametric
2.83	5.04
0.35	0.20
132	12699
3.2	7.0
Parametric	Parametric
2.00	2.52
0.50	0.42

* Configuration is for one AS422e between two AS460e's.

* To use AS460e without LF, high pass MF @ 200 Hz (12 dB Btrwrth)

NOTE: To use system with sub, high pass LF @ 100 Hz (24 dB Butterworth).

Output gains assume all amplifiers have the same voltage gain

ASe Processor Settings

January 2, 2006



AS490e bi-amp w/AS415e

AS490e single-amp w/ AS415e

OUTPUT	Name
GAIN	(dB)
DELAY	(ms)
POLARITY	
HPF	Freq (Hz)
	Slope (dB)
	Shape
LPF	Freq (Hz)
	Slope (dB)
	Shape
PEQ1	Freq (Hz)
	Level (dB)
	Type
	Q
	(Bandwidth)
PEQ2	Freq (Hz)
	Level (dB)
	Type
	Q
	(Bandwidth)
PEQ3	Freq (Hz)
	Level (dB)
	Type
	Q
	(Bandwidth)
PEQ4	Freq (Hz)
	Level (dB)
	Type
	Q
	(Bandwidth)
PEQ5	Freq (Hz)
	Level (dB)
	Type
	Q
	(Bandwidth)

LF	MF	HF
8.5	-3.0	-4.0
1.90	0.00	0.00
Positive	Negative	Negative
40.5	433	1297
24	24	24
Butterworth	Butterworth	Butterworth
297	1335	21983
24	18	24
Butterworth	Butterworth	Butterworth
70	2000	1498
3.0	-15.0	-3.5
Parametric	Parametric	Parametric
1.00	8.00	2.00
1.00	0.21	0.50
273		3668
4.0		-2.0
Parametric		Parametric
2.52		2.12
0.40		0.47
		10679
		12.0
		Parametric
		2.67
		0.53
		2181
		2.0
		Parametric
		2.00
		0.50

LF	MF/HF
8.5	0.0
1.90	0.00
Positive	Positive
40.5	433
24	24
Butterworth	Butterworth
297	21983
24	24
Butterworth	Butterworth
70	10079
3.0	7.0
Parametric	Parametric
1.00	2.67
1.00	0.40
273	
4.0	
Parametric	
2.52	
0.40	

* Configuration is for one AS415e adjacent to one AS490e.

* To use AS490e without LF, high pass MF @ 200 Hz (12 dB Btrwrth).

NOTE: To use system with sub, high pass LF @ 100 Hz (24 dB Butterworth).

Output gains assume all amplifiers have the same voltage gain

ASe Processor Settings

January 2, 2006



AS490e bi-amp w/AS422e*

AS490e single-amp w/ AS422e*

OUTPUT	Name
GAIN	(dB)
DELAY	(ms)
POLARITY	
HPF	Freq (Hz)
	Slope (dB)
	Shape
LPF	Freq (Hz)
	Slope (dB)
	Shape
PEQ1	Freq (Hz)
	Level (dB)
	Type
	Q
	(Bandwidth)
PEQ2	Freq (Hz)
	Level (dB)
	Type
	Q
	(Bandwidth)
PEQ3	Freq (Hz)
	Level (dB)
	Type
	Q
	(Bandwidth)
PEQ4	Freq (Hz)
	Level (dB)
	Type
	Q
	(Bandwidth)
PEQ5	Freq (Hz)
	Level (dB)
	Type
	Q
	(Bandwidth)

LF	MF	HF
4.0	-3.0	-4.0
1.25	0.00	0.00
Positive	Negative	Negative
35	433	1297
24	24	24
Butterworth	Butterworth	Butterworth
459	1335	21983
24	18	24
Butterworth	Butterworth	Butterworth
250	2000	1498
-4.5	-15.0	-3.5
Parametric	Parametric	Parametric
2.83	8.00	2.00
0.35	0.21	0.50
132		3668
3.2		-2.0
Parametric		Parametric
2.00		2.12
0.50		0.47
		10679
		12.0
		Parametric
		2.67
		0.53
		2181
		2.0
		Parametric
		2.00
		0.50

LF	MF/HF
4.0	0.0
1.25	0.00
Positive	Positive
35	433
24	24
Butterworth	Butterworth
459	21983
24	24
Butterworth	Butterworth
250	10079
-4.5	7.0
Parametric	Parametric
2.83	2.67
0.35	0.40
132	
3.2	
Parametric	
2.00	
0.50	

* Configuration is for one AS422e adjacent to one AS490e.

* To use AS490e without LF, high pass MF @ 200 Hz (12 dB Btrwrth).

NOTE: To use system with sub, high pass LF @ 100 Hz (24 dB Butterworth).

Output gains assume all amplifiers have the same voltage gain

ASe Processor Settings

January 2, 2006



AS660e tri-amp

AS660e bi-amp

AS625e*

OUTPUT	Name
GAIN	(dB)
DELAY	(ms)
POLARITY	
HPF	Freq (Hz)
	Slope (dB)
	Shape
LPF	Freq (Hz)
	Slope (dB)
	Shape
PEQ1	Freq (Hz)
	Level (dB)
	Type
	Q
	(Bandwidth)
PEQ2	Freq (Hz)
	Level (dB)
	Type
	Q
	(Bandwidth)
PEQ3	Freq (Hz)
	Level (dB)
	Type
	Q
	(Bandwidth)
PEQ4	Freq (Hz)
	Level (dB)
	Type
	Q
	(Bandwidth)
PEQ5	Freq (Hz)
	Level (dB)
	Type
	Q
	(Bandwidth)

LF	MF	HF
2.0	-3.0	-6.0
0.00	0.00	0.15
Positive	Positive	Positive
35	243	1297
18	24	24
Bessel	Butterworth	Butterworth
243	1335	21983
24	24	12
Butterworth	Butterworth	Bessel
50	420	4238
6.0	3.0	-2.2
Parametric	Parametric	Parametric
2.12	2.83	1.33
0.47	0.35	0.75
76.5	687	2448
6.0	-4.0	-2.4
Parametric	Parametric	Parametric
2.00	5.99	1.59
0.50	0.17	0.63
265	306	11314
-6.0	-3.5	12.2
Parametric	Parametric	Parametric
3.00	5.04	1.89
0.33	0.20	0.76
172		
2.0		
Parametric		
6.73		
0.15		

LF	MF/HF
1.0	0.0
1.10	0.00
Positive	Positive
35	297
24	24
Linkwitz-Riley	Butterworth
243	21983
24	24
Butterworth	Linkwitz-Riley
50	11645
6.0	8.6
Parametric	Parametric
2.12	2.00
0.47	0.58
76.5	4896
6.0	-3.5
Parametric	Parametric
2.00	0.25
0.50	4.00
265	648
-6.0	-5.0
Parametric	Parametric
3.00	4.00
0.33	0.25
	324
	-4.0
	Parametric
	5.04
	0.20

VLF
2.0
0.00
Positive
30
24
Butterworth
125
24
Butterworth
70
5.0
Parametric
2.00
0.50

* When using AS625e, high pass full range system LF @ 125 Hz (24dB Btrwrth).

NOTE: To use system with sub, high pass LF @ 100 Hz (24 dB Butterworth).

Output gains assume all amplifiers have the same voltage gain

ASe Processor Settings

January 2, 2006



AS690e tri-amp

AS690e bi-amp

AS625e*

OUTPUT	Name
GAIN	(dB)
DELAY	(ms)
POLARITY	
HPF	Freq (Hz)
	Slope (dB)
	Shape
LPF	Freq (Hz)
	Slope (dB)
	Shape
PEQ1	Freq (Hz)
	Level (dB)
	Type
	Q
	(Bandwidth)
PEQ2	Freq (Hz)
	Level (dB)
	Type
	Q
	(Bandwidth)
PEQ3	Freq (Hz)
	Level (dB)
	Type
	Q
	(Bandwidth)
PEQ4	Freq (Hz)
	Level (dB)
	Type
	Q
	(Bandwidth)
PEQ5	Freq (Hz)
	Level (dB)
	Type
	Q
	(Bandwidth)

LF	MF	HF
2.0	-2.5	-4.0
0.00	0.00	0.08
Positive	Positive	Positive
35	243	1297
18	24	24
Bessel	Butterworth	Butterworth
243	1335	21983
24	24	12
Butterworth	Butterworth	Bessel
50	728	10079
6.0	-3.5	12.0
Parametric	Parametric	Parametric
2.12	5.04	3.17
0.47	0.20	0.45
76.5	972	1498
6.0	2.0	-3.0
Parametric	Parametric	Parametric
2.00	2.52	4.00
0.50	0.40	0.25
229	315	3775
-7.5	-2.5	-2.0
Parametric	Parametric	Parametric
5.99	3.00	2.38
0.18	0.33	0.42
172		
2.0		
Parametric		
6.73		
0.15		

LF	MF/HF
2.0	0.0
1.10	0.00
Positive	Positive
35	243
24	24
Linkwitz-Riley	Butterworth
243	21983
24	24
Butterworth	Linkwitz-Riley
50	10375
6.0	6.0
Parametric	Parametric
2.12	3.00
0.47	0.33
76.5	364
6.0	-3.0
Parametric	Parametric
2.00	2.52
0.50	0.40
243	707
-7.5	-4.0
Parametric	Parametric
4.24	6.35
0.26	0.16
172	1091
2.0	2.0
Parametric	Parametric
6.73	1.50
0.15	0.67

VLF
2.0
0.00
Positive
30
24
Butterworth
125
24
Butterworth
70
5.0
Parametric
2.00
0.50

* When using AS625e, high pass full range system LF @ 125 Hz (24dB Btrwrth).

NOTE: To use system with sub, high pass LF @ 100 Hz (24 dB Butterworth).

Output gains assume all amplifiers have the same voltage gain

ASe Processor Settings

January 2, 2006



ASR660e tri-amp

ASR660e bi-amp

OUTPUT	Name
GAIN	(dB)
DELAY	(ms)
POLARITY	
HPF	Freq (Hz)
	Slope (dB)
	Shape
LPF	Freq (Hz)
	Slope (dB)
	Shape
PEQ1	Freq (Hz)
	Level (dB)
	Type
	Q
	(Bandwidth)
PEQ2	Freq (Hz)
	Level (dB)
	Type
	Q
	(Bandwidth)
PEQ3	Freq (Hz)
	Level (dB)
	Type
	Q
	(Bandwidth)
PEQ4	Freq (Hz)
	Level (dB)
	Type
	Q
	(Bandwidth)
PEQ5	Freq (Hz)
	Level (dB)
	Type
	Q
	(Bandwidth)

LF	MF	HF
4.0	-3.0	-3.5
1.50	0.00	0.00
Positive	Negative	Negative
35	433	1260
24	24	24
Butterworth	Butterworth	Butterworth
459	1414	21983
18	18	24
Butterworth	Butterworth	Butterworth
250	2000	2119
-4.5	-15.0	-3.0
Parametric	Parametric	Parametric
2.83	8.00	1.59
0.35	0.21	0.63
132		4238
3.2		-1.5
Parametric		Parametric
2.00		3.56
0.50		0.28
		8476
		6.0
		Parametric
		5.04
		0.20
		12699
		11.5
		Parametric
		2.52
		0.54

LF	MF/HF
4.0	0.0
1.25	0.00
Positive	Positive
35	433
24	24
Butterworth	Butterworth
459	21983
24	24
Butterworth	Butterworth
250	8476
-4.5	4.0
Parametric	Parametric
2.83	5.04
0.35	0.20
132	12699
3.2	7.0
Parametric	Parametric
2.00	2.52
0.50	0.42

NOTE: To use system with sub, high pass LF @ 100 Hz (24 dB Butterworth).

Output gains assume all amplifiers have the same voltage gain

ASe Processor Settings

January 2, 2006



ASR665e tri-amp

ASR665e bi-amp

OUTPUT	Name
GAIN	(dB)
DELAY	(ms)
POLARITY	
HPF	Freq (Hz)
	Slope (dB)
	Shape
LPF	Freq (Hz)
	Slope (dB)
	Shape
PEQ1	Freq (Hz)
	Level (dB)
	Type
	Q
	(Bandwidth)
PEQ2	Freq (Hz)
	Level (dB)
	Type
	Q
	(Bandwidth)
PEQ3	Freq (Hz)
	Level (dB)
	Type
	Q
	(Bandwidth)
PEQ4	Freq (Hz)
	Level (dB)
	Type
	Q
	(Bandwidth)
PEQ5	Freq (Hz)
	Level (dB)
	Type
	Q
	(Bandwidth)

LF	MF	HF
8.5	-3.0	-3.5
1.90	0.00	0.00
Positive	Negative	Negative
40.5	433	1260
24	24	24
Butterworth	Butterworth	Butterworth
297	1414	21983
24	18	24
Butterworth	Butterworth	Butterworth
70	2000	2119
3.0	-15.0	-3.0
Parametric	Parametric	Parametric
1.00	8.00	1.59
1.00	0.21	0.63
273		4238
4.0		-1.5
Parametric		Parametric
2.52		3.56
0.40		0.28
		8476
		6.0
		Parametric
		5.04
		0.20
		12699
		11.5
		Parametric
		2.52
		0.54

LF	MF/HF
8.5	0.0
1.90	0.00
Positive	Positive
40.5	433
24	24
Butterworth	Butterworth
297	21983
24	24
Butterworth	Butterworth
70	8476
3.0	4.0
Parametric	Parametric
1.00	5.04
1.00	0.20
273	12699
4.0	7.0
Parametric	Parametric
2.52	2.52
0.40	0.42

NOTE: To use system with sub, high pass LF @ 100 Hz (24 dB Butterworth).

Output gains assume all amplifiers have the same voltage gain

ASe Processor Settings

January 2, 2006



ASR690e tri-amp

ASR690e bi-amp

OUTPUT	Name
GAIN	(dB)
DELAY	(ms)
POLARITY	
HPF	Freq (Hz)
	Slope (dB)
	Shape
LPF	Freq (Hz)
	Slope (dB)
	Shape
PEQ1	Freq (Hz)
	Level (dB)
	Type
	Q
	(Bandwidth)
PEQ2	Freq (Hz)
	Level (dB)
	Type
	Q
	(Bandwidth)
PEQ3	Freq (Hz)
	Level (dB)
	Type
	Q
	(Bandwidth)
PEQ4	Freq (Hz)
	Level (dB)
	Type
	Q
	(Bandwidth)
PEQ5	Freq (Hz)
	Level (dB)
	Type
	Q
	(Bandwidth)

LF	MF	HF
4.0	-3.0	-4.0
1.25	0.00	0.00
Positive	Negative	Negative
35	433	1297
24	24	24
Butterworth	Butterworth	Butterworth
459	1335	21983
24	18	24
Butterworth	Butterworth	Butterworth
250	2000	1498
-4.5	-15.0	-3.5
Parametric	Parametric	Parametric
2.83	8.00	2.00
0.35	0.21	0.50
132		3668
3.2		-2.0
Parametric		Parametric
2.00		2.12
0.50		0.47
		10679
		12.0
		Parametric
		2.67
		0.53
		2181
		2.0
		Parametric
		2.00
		0.50

LF	MF/HF
4.0	0.0
1.25	0.00
Positive	Positive
35	433
24	24
Butterworth	Butterworth
459	21983
24	24
Butterworth	Butterworth
250	10079
-4.5	7.0
Parametric	Parametric
2.83	2.67
0.35	0.40
132	
3.2	
Parametric	
2.00	
0.50	

NOTE: To use system with sub, high pass LF @ 100 Hz (24 dB Butterworth).

Output gains assume all amplifiers have the same voltage gain

ASe Processor Settings

January 2, 2006



ASR695e tri-amp

AS695e bi-amp

OUTPUT	Name
GAIN	(dB)
DELAY	(ms)
POLARITY	
HPF	Freq (Hz)
	Slope (dB)
	Shape
LPF	Freq (Hz)
	Slope (dB)
	Shape
PEQ1	Freq (Hz)
	Level (dB)
	Type
	Q
	(Bandwidth)
PEQ2	Freq (Hz)
	Level (dB)
	Type
	Q
	(Bandwidth)
PEQ3	Freq (Hz)
	Level (dB)
	Type
	Q
	(Bandwidth)
PEQ4	Freq (Hz)
	Level (dB)
	Type
	Q
	(Bandwidth)
PEQ5	Freq (Hz)
	Level (dB)
	Type
	Q
	(Bandwidth)

LF	MF	HF
8.5	-3.0	-4.0
1.90	0.00	0.00
Positive	Negative	Negative
40.5	433	1297
24	24	24
Butterworth	Butterworth	Butterworth
297	1335	21983
24	18	24
Butterworth	Butterworth	Butterworth
70	2000	1498
3.0	-15.0	-3.5
Parametric	Parametric	Parametric
1.00	8.00	2.00
1.00	0.21	0.50
273		3668
4.0		-2.0
Parametric		Parametric
2.52		2.12
0.40		0.47
		10679
		12.0
		Parametric
		2.67
		0.53
		2181
		2.0
		Parametric
		2.00
		0.50

LF	MF/HF
8.5	0.0
1.90	0.00
Positive	Positive
40.5	433
24	24
Butterworth	Butterworth
297	21983
24	24
Butterworth	Butterworth
70	10679
3.0	7.0
Parametric	Parametric
1.00	2.67
1.00	0.40
273	
4.0	
Parametric	
2.52	
0.40	

NOTE: To use system with sub, high pass LF @ 100 Hz (24 dB Butterworth).

Output gains assume all amplifiers have the same voltage gain