

ASe Processor Settings

November 13, 2001



AS300e biamp

OUTPUT	Name	Low	Mid/Hi
GAIN	(dB)	4.0	0.0
DELAY	(ms)	0.00	0.08
POLARITY		Positive	Positive
HPF	Freq (Hz)	40.5	445
	Slope (dB)	24	24
	Shape	Butterworth	Linkwitz-Riley
LPF	Freq (Hz)	385	thru
	Slope (dB)	24	
	Shape	Butterworth	
PEQ1	Freq (Hz)	50	1542
	Level (dB)	6.0	-4.0
	Type	Parametric	Parametric
	Q	2.00	1.12
	(Bandwidth)	0.50	0.89
PEQ2	Freq (Hz)	216	971
	Level (dB)	-2.5	-1.5
	Type	Parametric	Parametric
	Q	5.34	3.56
	(Bandwidth)	0.19	0.28
PEQ3	Freq (Hz)	167	612
	Level (dB)	3.5	1.0
	Type	Parametric	Parametric
	Q	5.34	2.00
	(Bandwidth)	0.19	0.50
PEQ4	Freq (Hz)	545	6169
	Level (dB)	-7.0	-2.0
	Type	Parametric	Parametric
	Q	3.17	3.56
	(Bandwidth)	0.33	0.28
PEQ5	Freq (Hz)		5040
	Level (dB)		2.0
	Type		Parametric
	Q		4.24
	(Bandwidth)		0.24

NOTE: To use system with sub, high pass LF @ 80 Hz (24 dB Butterworth) & do not use PEQ 1.

ASe Processor Settings

November 13, 2001



AS460e biamp w/AS415e*

AS460e passive 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)

Low	Mid	Hi
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	thru
24	18	
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

Low	Mid/Hi
8.5	-2.0
2.10	0.00
Positive	Positive
40.5	433
24	24
Butterworth	Butterworth
297	thru
24	
Butterworth	
70	8475
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 @ 80 Hz (24 dB Butterworth).

ASe Processor Settings

November 13, 2001



AS460e biamp w/AS422e*

AS460e passive 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)

Low	Mid	Hi
4.0	-5.0	-5.5
1.70	0.00	0.00
Positive	Negative	Negative
35	433	1260
24	24	24
Butterworth	Butterworth	Butterworth
458	1414	thru
18	18	
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

Low	Mid/Hi
4.0	-2.0
1.45	0.00
Positive	Positive
35	433
24	24
Butterworth	Butterworth
458	thru
24	
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 @ 80 Hz (24 dB Butterworth).

ASe Processor Settings

November 13, 2001



AS490e biamp w/AS415e

AS490e passive 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)

Low	Mid	Hi
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	thru
24	18	
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

Low	Mid/Hi
8.5	0.0
1.90	0.00
Positive	Positive
40.5	433
24	24
Butterworth	Butterworth
297	thru
24	
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	

* 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 @ 80 Hz (24 dB Butterworth).

ASe Processor Settings

November 13, 2001



AS490e biamp w/AS422e*

AS490e passive 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)

Low	Mid	Hi
4.0	-3.0	-4.0
1.25	0.00	0.00
Positive	Negative	Negative
35	433	1297
24	24	24
Butterworth	Butterworth	Butterworth
458	1335	thru
24	18	
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

Low	Mid/Hi
4.0	0.0
1.25	0.00
Positive	Positive
35	433
24	24
Butterworth	Butterworth
458	thru
24	
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 @ 80 Hz (24 dB Butterworth).

ASe Processor Settings

November 13, 2001



AS660e triamp

AS660e biamp

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)

Low	Mid	Hi
2.0	-3.0	-6.0
0.00	0.00	0.15
Positive	Positive	Positive
35	243	1297
24	24	24
Butterworth	Butterworth	Butterworth
243	1335	thru
24	24	
Butterworth	Butterworth	
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		

Low	Mid/Hi
1.0	0.0
1.10	0.00
Positive	Positive
35	297
24	24
Butterworth	Butterworth
243	thru
24	
Butterworth	
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 AS660e with sub, high pass LF @ 80 Hz (24 dB Butterworth) & do not use PEQ 1.

ASe Processor Settings

November 13, 2001



AS690e triamp

AS690e biamp

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)

Low	Mid	Hi
2.0	-2.5	-4.0
0.00	0.00	0.08
Positive	Positive	Positive
35	243	1297
24	24	24
Butterworth	Butterworth	Butterworth
243	1335	thru
24	24	
Butterworth	Butterworth	
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		

Low	Mid/Hi
2.0	0.0
1.10	0.00
Positive	Positive
35	243
24	24
Butterworth	Butterworth
243	
24	
Butterworth	
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 AS690e with sub, high pass LF @ 80 Hz (24 dB Butterworth) & do not use PEQ 1.

ASe Processor Settings

November 13, 2001



ASR660e triamp

ASR660e biamp

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)

Low	Mid	Hi
4.0	-3.0	-3.5
1.50	0.00	0.00
Positive	Negative	Negative
35	433	1260
24	24	24
Butterworth	Butterworth	Butterworth
458	1414	thru
18	18	
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

Low	Mid/Hi
4.0	0.0
1.25	0.00
Positive	Positive
35	433
24	24
Butterworth	Butterworth
458	thru
24	
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 @ 80 Hz (24 dB Butterworth).

ASe Processor Settings

November 13, 2001



ASR665e triamp

ASR665e biamp

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)

Low	Mid	Hi
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	thru
24	18	
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

Low	Mid/Hi
8.5	0.0
1.90	0.00
Positive	Positive
40.5	433
24	24
Butterworth	Butterworth
297	thru
24	
Butterworth	
70	8475
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 @ 80 Hz (24 dB Butterworth).

ASe Processor Settings

November 13, 2001



ASR690e triamp

ASR690e biamp

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)

Low	Mid	Hi
4.0	-3.0	-4.0
1.25	0.00	0.00
Positive	Negative	Negative
35	433	1297
24	24	24
Butterworth	Butterworth	Butterworth
458	1335	thru
24	18	
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

Low	Mid/Hi
4.0	0.0
1.25	0.00
Positive	Positive
35	433
24	24
Butterworth	Butterworth
458	thru
24	
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 @ 80 Hz (24 dB Butterworth).

ASe Processor Settings

November 13, 2001



ASR695e triamp

AS695e biamp

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)

Low	Mid	Hi
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	thru
24	18	
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

Low	Mid/Hi
8.5	0.0
1.90	0.00
Positive	Positive
40.5	433
24	24
Butterworth	Butterworth
297	thru
24	
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 @ 80 Hz (24 dB Butterworth).