

Subwoofer Processor Settings

January 2, 2006



MODEL	Name	LA118/LA118z	LA128/LA128z	LA400*	SBX220
HPF	Freq (Hz)	20	20	30	30
	Slope (dB)	24	24	12	24
	Shape	Butterworth	Butterworth	Butterworth	Butterworth
LPF	Freq (Hz)	100	100	100	100
	Slope (dB)	24	24	24	24
	Shape	Butterworth	Butterworth	Butterworth	Butterworth
PEQ1	Freq (Hz)	32	32	40	35
	Level (dB)	5.5	5.5	3.5	2.0
	Type	Parametric	Parametric	Parametric	Parametric
	Q	2.00	2.00	2.00	2.00
	(Bandwidth)	0.50	0.50	0.50	0.50

MODEL	Name	SB48z	SB120z	SB150z	SB180z
HPF	Freq (Hz)	30	40	30	25
	Slope (dB)	12	12	12	12
	Shape	Butterworth	Butterworth	Butterworth	Butterworth
LPF	Freq (Hz)	100	100	100	100
	Slope (dB)	24	24	24	24
	Shape	Butterworth	Butterworth	Butterworth	Butterworth
PEQ1	Freq (Hz)	39	60	43	43
	Level (dB)	4.0	3.5	3.5	3.5
	Type	Parametric	Parametric	Parametric	Parametric
	Q	2.00	2.00	2.00	2.00
	(Bandwidth)	0.50	0.50	0.50	0.50

* Full-range system accompanying LA400 should be delayed 5-6 ms when stacked or flown directly overhead.

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MODEL	Name	SB184C	SB250z	SB284C	SB330z
HPF	Freq (Hz)	20	30	20	30
	Slope (dB)	24	12	24	12
	Shape	Butterworth	Butterworth	Butterworth	Butterworth
LPF	Freq (Hz)	100	100	100	100
	Slope (dB)	24	24	24	24
	Shape	Butterworth	Butterworth	Butterworth	Butterworth
PEQ1	Freq (Hz)	30	47	30	49
	Level (dB)	5.0	3.5	5.0	3.5
	Type	Parametric	Parametric	Parametric	Parametric
	Q	2.00	2.00	2.00	2.00
	(Bandwidth)	0.50	0.50	0.50	0.50

MODEL	Name	SB528z	SB600z	SB625z	SB730
HPF	Freq (Hz)	25	35	35	30
	Slope (dB)	12	12	12	24
	Shape	Butterworth	Butterworth	Butterworth	Butterworth
LPF	Freq (Hz)	100	100	100	100
	Slope (dB)	24	24	24	24
	Shape	Butterworth	Butterworth	Butterworth	Butterworth
PEQ1	Freq (Hz)	39	56	58	35
	Level (dB)	4.0	3.5	3.5	2.0
	Type	Parametric	Parametric	Parametric	Parametric
	Q	1.12	2.00	2.00	2.00
	(Bandwidth)	0.89	0.50	0.50	0.50

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MODEL	Name
HPF	Freq (Hz)
	Slope (dB)
	Shape
LPF	Freq (Hz)
	Slope (dB)
	Shape
PEQ1	Freq (Hz)
	Level (dB)
	Type
	Q
	(Bandwidth)

SB750z
20
12
Butterworth
100
24
Butterworth
42
4.0
Parametric
1.50
0.67

SB850z
30
12
Butterworth
100
24
Butterworth
50
4.0
Parametric
2.00
0.50

SB1000z
25
12
Butterworth
100
24
Butterworth
38
4.0
Parametric
2.00
0.50

MODEL	Name
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)	

DCS2*
30
12
Butterworth
100
24
Butterworth
55
5.0
Parametric
2.00
0.50
75
1.5
Parametric
2.00
0.50

BH760*
25
12
Butterworth
100
24
Butterworth
35
7.0
Parametric
0.79
1.34
177
-7.0
Parametric
1.00
1.06

BH822e/KF940 x1*
24
12
Butterworth
100
24
Butterworth
82
-7.0
Parametric
1.00
1.06
33
4.0
Parametric
2.00
0.50
77
1.5
Parametric
2.00
0.50

BH822e/KF940 x4*
24
12
Butterworth
100
24
Butterworth
94
-6.0
Parametric
1.00
1.00
33
5.0
Parametric
2.00
0.50
58
-1.0
Parametric
2.00
0.50

* Full-range systems sstacked or flown directly over horn subs should be delayed by the following:

w/ DSC2: 5-6 ms w/ BH760: 7-8 ms w/ BH822e: 8-9 ms