



# FILTER SHEET

HK AUDIO FINEO Mid/High Units, LEA Professional Amps

	FO 5 Fullrange	FO 5 LowCut	FO 8 Fullrange	FO 8 LowCut	FO 10 Fullrange	FO 10 LowCut	FO 12 Fullrange	FO 12 LowCut	FO 15 Fullrange	FO 15 LowCut
Phase	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM
Delay [ms]	0.7	0.7	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8

## High Pass

Frequ. [Hz]	80	110	75	110	70	125	65	125	60	125
Shape	But 24dB	But 24dB	But 24dB	But 24dB	But 24dB	But 24dB	But 24dB	But 24dB	But 24dB	But 24dB

## Low Pass

Frequ. [Hz]										
Shape										

## EQ1

Type	LP Shelf 12dB	LP Shelf 12dB	Parametric		Parametric		Parametric		Parametric	
Frequ. [Hz]	600	600	80		78		78		70	
Q	1	1	6		5.5		5.5		5.5	
Gain [dB]	1	1	10.5		9		9		11.5	

## EQ2

Type	Parametric		Parametric		Parametric	Parametric	Parametric	Parametric	Parametric	Parametric
Frequ. [Hz]	100		108		320	320	250	250	320	320
Q	5		3.2		2	2	2	2	2	2
Gain [dB]	7		3.1		1	1	1.5	1.5	1	1

## EQ3

Type	Parametric	Parametric	Parametric	Parametric	Parametric	Parametric	Parametric	Parametric	Parametric	Parametric
Frequ. [Hz]	500	500	600	600	730	730	600	600	950	950
Q	2.6	2.6	1	1	8	8	4	4	6.5	6.5
Gain [dB]	1.5	1.5	1.5	1.5	-1.2	-1.2	-1	-1	-3	-3

## EQ4

Type	Parametric	Parametric	Parametric	Parametric	Parametric	Parametric	Parametric	Parametric	Parametric	Parametric
Frequ. [Hz]	1050	1050	4500	4500	2200	2200	1150	1150	1350	1350
Q	16	16	3.5	3.5	3	3	4.5	4.5	4	4
Gain [dB]	-5	-5	-2	-2	-2	-2	-1.5	-1.5	3	3

## EQ5

Type	Parametric	Parametric	Parametric	Parametric	Parametric	Parametric	Parametric	Parametric	Parametric	Parametric
Frequ. [Hz]	1350	1350	6200	6200	970	970	8000	8000	1800	1800
Q	2	2	6	6	2	2	6	6	7	7
Gain [dB]	-1	-1	4	4	2.7	2.7	1	1	-1	-1

## EQ6

Type	Bell	Bell	HP Shelf 12dB	HP Shelf 12dB	Parametric	Parametric			Parametric	Parametric
Frequ. [Hz]	2400	2400	7500	7500	1250	1250			3200	3200
Q	2	2	1	1	6	6			2	2
Gain [dB]	-1	-1	1	1	-2.5	-2.5			1.5	1.5

## EQ7

Type					Parametric	Parametric			HP Shelf 12dB	HP Shelf 12dB
Frequ. [Hz]					1650	1650			7500	7500
Q					8	8			0.7	0.7
Gain [dB]					2	2			1.2	1.2

## EQ8

Type					Parametric	Parametric				
Frequ. [Hz]					5800	5800				
Q					10	10				
Gain [dB]					3	3				

## EQ9

Type										
Frequ. [Hz]										
Q										
Gain [dB]										

## EQ10

Type										
Frequ. [Hz]										
Q										
Gain [dB]										

Smart Bridge	off	off	off	off	off	off	off	off	off	off
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## Peak Limiter

Thresh. [Vpk]	49	49	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
Attack [ms]	12.5	12.5	13.3	13.3	14.6	14.6	15.4	15.4	16.7	16.7
Release [ms]	200	200	213.3	213.3	266.7	266.7	246.2	246.2	266.7	266.7

## RMS Limiter

Thresh. [Vrms]	34.6	34.6	40	40	49	49	46	46	44.7	44.7
Attack [ms]	3000	3000	4000	4000	6000	6000	5200	5200	5000	5000
Release [ms]	6000	6000	8000	8000	12000	12000	10400	10400	10000	10000



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## HK AUDIO FINEO Subwoofer, LEA professional Amps

\*) for use with \*\*) for use  
FO 5 with FO 8, FO  
10, FO 12, FO  
15

	FO S112 (F) 110 Hz**	FO S112 (F) 120 Hz*	FO S118 (F) 80 Hz	FO S118 (F) 100 Hz**	FO S218 80 Hz	FO S218 100 Hz**				
Phase	NORM	NORM	NORM	NORM	NORM	NORM				
Delay [ms]	0.2	0.2	0.2	0.2	0	0				

### High Pass

Frequ. [Hz]	35	35	35	35	35	35				
Shape	But 24dB	But 24dB	But 24dB	But 24dB	But 24dB	But 24dB				

### Low Pass

Frequ. [Hz]	110	120	80	100	80	100				
Shape	But 24dB	But 24dB	But 24dB	But 24dB	But 24dB	But 24dB				

### EQ1

Type	Parametric	Parametric	Parametric	Parametric	Parametric	Parametric				
Frequ. [Hz]	85	85	50	50	45	45				
Q	2	2	2.5	2.5	2	2				
Gain [dB]	2	2	4	4	4	4				

Smart Bridge	off	off	off	off	on	on				
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### Peak Limiter

Thresh. [Vpk]	80	80	126.5	126.5	126.5	126.5				
Attack [ms]	28.6	28.6	28.6	28.6	28.6	28.6				
Release [ms]	457.1	457.1	457.1	457.1	457.1	457.1				

### RMS Limiter

Thresh. [Vrms]	69.3	69.3	74.8	74.8	74.8	74.8				
Attack [ms]	6000	6000	7000	7000	7000	7000				
Release [ms]	10000	10000	10000	10000	10000	10000				