

FILTER SHEET

HK AUDIO FINEO Mid/High Units, for use with Marani

	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
Polarity	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM
Delay [ms]	0.73	0.73	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	Low Shelf VarQ	Low Shelf VarQ	PEQ		PEQ		PEQ		PEQ	
Frequ. [Hz]	600	600	80		77		77		70	
Q	0.79	0.79	5.44		6.67		6.67		5.84	
Gain [dB]	1	1	11		10		10		12	

EQ2

Type	PEQ		PEQ		PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
Frequ. [Hz]	100		110		320	320	250	250	320	320
Q	5.37		2.40		1.07	1.07	1.10	1.10	1.07	1.07
Gain [dB]	8		3		1	1	1.5	1.5	1	1

EQ3

Type	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
Frequ. [Hz]	500	500	600	600	730	730	600	600	950	950
Q	1.10	1.10	0.55	0.55	3.40	3.40	2.14	2.14	3.60	3.60
Gain [dB]	1.5	1.5	1.5	1.5	-2	-2	-1	-1	-3	-3

EQ4

Type	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
Frequ. [Hz]	1050	1050	4500	4500	800	800	1150	1150	1350	1350
Q	8.55	8.55	1.59	1.59	1.13	1.13	2.20	2.20	2.40	2.40
Gain [dB]	-5	-5	-2	-2	2	2	-1.5	-1.5	3	3

EQ5

Type	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
Frequ. [Hz]	1350	1350	6200	6200	1100	1100	8000	8000	1800	1800
Q	1.07	1.07	4.31	4.31	1.70	1.70	3.21	3.21	3.21	3.21
Gain [dB]	-1	-1	4	4	2	2	1	1	-1	-1

EQ6

Type	PEQ	PEQ			PEQ	PEQ			PEQ	PEQ
Frequ. [Hz]	2400	2400			1250	1250			3200	3200
Q	1.07	1.07			3.60	3.60			1.10	1.10
Gain [dB]	-1	-1			-3	-3			1.5	1.5

EQ7

Type					PEQ	PEQ				
Frequ. [Hz]					1650	1650				
Q					4.53	4.53				
Gain [dB]					2	2				

EQ8

Type					PEQ	PEQ				
Frequ. [Hz]					2200	2200				
Q					1.70	1.70				
Gain [dB]					-2	-2				

EQ9

Type					PEQ	PEQ				
Frequ. [Hz]					5800	5800				
Q					6.00	6.00				
Gain [dB]					3	3				

EQ10

Type			High Shelf	High Shelf					High Shelf	High Shelf
Frequ. [Hz]			7500	7500					7500	7500
Q			1.25	1.25					1.25	1.25
Gain [dB]			1	1					1	1

Peak Limiter

Thresh. [Vpk]										
Release [ms]										

RMS Limiter

Thresh. [dBu]										
Attack [ms]										
Hold [ms]										
Release [ms]										
Ratio										
Gain [dB]										

FILTER SHEET

HK AUDIO FINEO Subwoofer, for use with Marani

*) for use with FO 5

**) for use 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**				
Polarity	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	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ				
Frequ. [Hz]	85	85	50	50	45	45				
Q	1.44	1.44	1.44	1.44	1.08	1.08				
Gain [dB]	2	2	4	4	4	4				

EQ2

Type										
Frequ. [Hz]										
Q										
Gain [dB]										

EQ3

Type										
Frequ. [Hz]										
Q										
Gain [dB]										

EQ4

Type										
Frequ. [Hz]										
Q										
Gain [dB]										

EQ5

Type										
Frequ. [Hz]										
Q										
Gain [dB]										

EQ6

Type										
Frequ. [Hz]										
Q										
Gain [dB]										

EQ7

Type										
Frequ. [Hz]										
Q										
Gain [dB]										

EQ8

Type										
Frequ. [Hz]										
Q										
Gain [dB]										

EQ9

Type										
Frequ. [Hz]										
Q										
Gain [dB]										

EQ10

Type										
Frequ. [Hz]										
Q										
Gain [dB]										

Peak Limiter

Thresh. [Vpk]										
Release [ms]										

RMS Limiter

Thresh. [dBu]										
Attack [ms]										
Hold [ms]										
Release [ms]										
Ratio										
Gain [dB]										