

# RX Series & FX Series Level 2 Settings for XTA 4 Series Processors



<i>tq</i> install™	RX599-16 v1 HF/LF	RX699-16 v2 <sup>3</sup> HF/LF	RX699-70V v2 <sup>3</sup> HF/LF	FX896 v1 HF/LF	FX1295 v1 HF/LF
<b>GAIN<sup>1</sup></b>	-1.00 dB	0.50 dB	0.50 dB	-1.00 dB	0.50 dB
<b>DELAY</b>	0.000 ms	0.000 ms	0.000 ms	0.000 ms	0.000 ms
<b>POLARITY</b>	Normal	Normal	Normal	Normal	Normal
<b>HPF<sup>2</sup></b>	75 Hz	70 Hz	70 Hz	70 Hz	70 Hz
<b>Freq Type</b>	24 dB Link/Rly	24 dB Link/Rly	24 dB Link/Rly	24 dB Link/Rly	24 dB Link/Rly
<b>LPF</b>	>32k0 Hz	>32k0 Hz	>32k0 Hz	>32k0 Hz	>32k0 Hz
<b>Freq Type</b>	6 dB 1st Order	6 dB 1st Order	6 dB 1st Order	6 dB 1st Order	6 dB 1st Order
<b>PEQ 1</b>	PEQ	PEQ	PEQ	PEQ	PEQ
<b>Shape</b>	PEQ	PEQ	PEQ	PEQ	PEQ
<b>Freq</b>	111 Hz	103 Hz	103 Hz	103 Hz	99 Hz
<b>Gain</b>	4.50 dB	3.50 dB	3.50 dB	4.50 dB	6.00 dB
<b>Q</b>	2.100	1.700	1.700	5.300	3.000
<b>PEQ 2</b>	PEQ	PEQ	PEQ	PEQ	PEQ
<b>Shape</b>	PEQ	PEQ	PEQ	PEQ	PEQ
<b>Freq</b>	583 Hz	1,120 Hz	1,120 Hz	367 Hz	195 Hz
<b>Gain</b>	2.00 dB	-5.00 dB	-5.00 dB	3.50 dB	-3.00 dB
<b>Q</b>	0.940	3.800	3.800	1.060	2.100
<b>PEQ 3</b>	PEQ	PEQ	PEQ	PEQ	PEQ
<b>Shape</b>	PEQ	PEQ	PEQ	PEQ	PEQ
<b>Freq</b>	1,530 Hz	2,720 Hz	2,720 Hz	1,780 Hz	2,160 Hz
<b>Gain</b>	-5.00 dB	-8.50 dB	-8.50 dB	-5.00 dB	-5.50 dB
<b>Q</b>	6.000	4.500	4.500	7.600	1.500
<b>PEQ 4</b>	PEQ	PEQ	PEQ	PEQ	PEQ
<b>Shape</b>	PEQ	PEQ	PEQ	PEQ	PEQ
<b>Freq</b>	2,670 Hz	2,720 Hz	2,720 Hz	4,580 Hz	3,850 Hz
<b>Gain</b>	-3.50 dB	3.00 dB	3.00 dB	-11.50 dB	-9.00 dB
<b>Q</b>	4.500	7.100	7.100	2.200	3.000
<b>PEQ 5</b>	PEQ	PEQ	PEQ	PEQ	PEQ
<b>Shape</b>	PEQ	PEQ	PEQ	PEQ	PEQ
<b>Freq</b>	3,630 Hz	7,130 Hz	7,130 Hz	8,640 Hz	6,860 Hz
<b>Gain</b>	-7.50 dB	-15.00 dB	-16.50 dB	-6.50 dB	-5.50 dB
<b>Q</b>	6.700	1.600	1.700	3.600	1.400
<b>PEQ 6</b>	PEQ	PEQ	PEQ	PEQ	PEQ
<b>Shape</b>	PEQ	PEQ	PEQ	PEQ	PEQ
<b>Freq</b>	8,640 Hz	16,600 Hz	16,600 Hz	17,300 Hz	13,500 Hz
<b>Gain</b>	-15.00 dB	-6.00 dB	-6.00 dB	5.00 dB	4.50 dB
<b>Q</b>	3.200	5.300	5.300	5.300	3.200

<sup>1</sup> Processor output gains assume all amplifier voltage gains (*not* input sensitivities) are equal.

<sup>2</sup> Change the HF/LF high pass filter to LR 24 dB/Oct, 80 to 125 Hz to cross over into a subwoofer.

<sup>3</sup> Use -16 setting for 16 ohm operation, -70V setting for 70 volt operation.

## GX Series Level 2 Settings for XTA 4 Series Processors



<i>tq</i> install.	GX1226 v1 HF/LF	GX1265 v2 HF/LF	GX1277 v1 HF/LF	GX1295 v1 HF/LF	GX1526 v1 HF/LF	GX1565 v1 HF/LF	GX1577 v1 HF/LF	GX1595 v1 HF/LF
<b>GAIN<sup>1</sup></b>	2.00 dB	0.00 dB	1.50 dB	2.00 dB	2.50 dB	0.50 dB	-0.50 dB	2.50 dB
<b>DELAY</b>	0.000 ms	0.000 ms	0.000 ms	0.000 ms	0.000 ms	0.000 ms	0.000 ms	0.000 ms
<b>POLARITY</b>	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
<b>HPF<sup>2</sup></b>	45 Hz	45 Hz	45 Hz	45 Hz	40 Hz	40 Hz	40 Hz	40 Hz
<b>Freq Type</b>	24 dB Link/Rly	24 dB Link/Rly	24 dB Link/Rly	24 dB Link/Rly	24 dB Link/Rly	24 dB Link/Rly	24 dB Link/Rly	24 dB Link/Rly
<b>LPF</b>	>32k0 Hz	>32k0 Hz	>32k0 Hz	>32k0 Hz	>32k0 Hz	>32k0 Hz	>32k0 Hz	>32k0 Hz
<b>Freq Type</b>	6 dB 1st Order	6 dB 1st Order	6 dB 1st Order	6 dB 1st Order	6 dB 1st Order	6 dB 1st Order	6 dB 1st Order	6 dB 1st Order
<b>PEQ 1</b>	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
<b>Shape</b>	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
<b>Freq</b>	63 Hz	60 Hz	63 Hz	63 Hz	50 Hz	61 Hz	63 Hz	132 Hz
<b>Gain</b>	3.00 dB	4.50 dB	3.00 dB	2.00 dB	4.00 dB	2.00 dB	3.00 dB	-1.50 dB
<b>Q</b>	1.900	1.600	1.800	1.800	2.400	2.100	1.900	1.000
<b>PEQ 2</b>	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
<b>Shape</b>	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
<b>Freq</b>	138 Hz	146 Hz	138 Hz	138 Hz	105 Hz	292 Hz	292 Hz	472 Hz
<b>Gain</b>	-2.50 dB	-1.50 dB	-2.00 dB	-2.00 dB	-3.00 dB	1.50 dB	3.00 dB	-1.50 dB
<b>Q</b>	1.500	2.200	2.000	1.500	1.500	2.400	1.600	5.000
<b>PEQ 3</b>	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
<b>Shape</b>	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
<b>Freq</b>	1,020 Hz	2,380 Hz	1,190 Hz	1,190 Hz	944 Hz	1,500 Hz	1,000 Hz	1,020 Hz
<b>Gain</b>	-4.00 dB	3.00 dB	-6.50 dB	-4.50 dB	-6.50 dB	-3.00 dB	1.50 dB	4.00 dB
<b>Q</b>	2.200	7.600	2.500	2.800	3.400	1.800	8.000	9.000
<b>PEQ 4</b>	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
<b>Shape</b>	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
<b>Freq</b>	2,000 Hz	3,850 Hz	2,000 Hz	2,240 Hz	1,680 Hz	2,720 Hz	1,780 Hz	1,210 Hz
<b>Gain</b>	-6.50 dB	-8.50 dB	-7.50 dB	-7.00 dB	-9.00 dB	-3.50 dB	-5.50 dB	-4.00 dB
<b>Q</b>	7.600	3.000	8.000	1.800	8.000	3.400	5.000	8.500
<b>PEQ 5</b>	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
<b>Shape</b>	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
<b>Freq</b>	2,520 Hz	5,660 Hz	3,850 Hz	4,080 Hz	1,890 Hz	4,240 Hz	2,240 Hz	1,820 Hz
<b>Gain</b>	5.00 dB	-6.50 dB	-13.00 dB	-12.00 dB	3.00 dB	-9.50 dB	2.50 dB	-7.00 dB
<b>Q</b>	8.500	3.600	2.800	4.200	6.000	5.300	6.000	7.100
<b>PEQ 6</b>	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
<b>Shape</b>	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
<b>Freq</b>	4,080 Hz	8,160 Hz	6,470 Hz	7,700 Hz	4,000 Hz	7,700 Hz	4,490 Hz	4,320 Hz
<b>Gain</b>	-12.50 dB	-10.50 dB	-5.50 dB	-9.00 dB	-14.00 dB	-9.00 dB	-11.00 dB	-14.50 dB
<b>Q</b>	1.400	3.400	2.800	1.800	2.100	1.800	2.400	1.500

<sup>1</sup> Processor output gains assume all amplifier voltage gains (*not* input sensitivities) are equal.

<sup>2</sup> Change the HF/LF high pass filter to LR 24 dB/Oct, 80 to 125 Hz to cross over into a subwoofer.

# CX Series & DX896 Level 2 Settings for XTA 4 Series Processors



<i>tq</i> install.	CX896 v5 HF/LF	CX1226 v1 HF/LF	CX1265 v4 HF/LF	CX1277 v1 HF/LF	CX1295 v4 HF/LF	CX1526 v1 HF/LF	CX1565 v4 HF/LF	CX1577 v1 HF/LF	CX1595 v4 HF/LF	DX896 v2 HF/LF
<b>GAIN<sup>1</sup></b>	2.00 dB	0.00 dB	0.00 dB	0.00 dB	0.00 dB	-1.00 dB	0.00 dB	0.00 dB	0.00 dB	-1.00 dB
<b>DELAY</b>	0.000 ms	0.000 ms	0.000 ms	0.000 ms	0.000 ms	0.000 ms	0.000 ms	0.000 ms	0.000 ms	0.000 ms
<b>POLARITY</b>	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
<b>HPF<sup>2</sup></b>	70 Hz	65 Hz	65 Hz	65 Hz	65 Hz	50 Hz	50 Hz	50 Hz	50 Hz	60 Hz
<b>Freq Type</b>	24 dB Link/Rly	24 dB Link/Rly	24 dB Link/Rly	24 dB Link/Rly	24 dB Link/Rly	24 dB Link/Rly	24 dB Link/Rly	24 dB Link/Rly	24 dB Link/Rly	24 dB Link/Rly
<b>LPF</b>	>32k0 Hz	>32k0 Hz	>32k0 Hz	>32k0 Hz	>32k0 Hz	>32k0 Hz	>32k0 Hz	>32k0 Hz	>32k0 Hz	>32k0 Hz
<b>Freq Type</b>	6 dB 1st Order	6 dB 1st Order	6 dB 1st Order	6 dB 1st Order	6 dB 1st Order	6 dB 1st Order	6 dB 1st Order	6 dB 1st Order	6 dB 1st Order	6 dB 1st Order
<b>PEQ 1</b>	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
<b>Shape</b>	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
<b>Freq</b>	123 Hz	88 Hz	83 Hz	92 Hz	84 Hz	60 Hz	63 Hz	61 Hz	63 Hz	77 Hz
<b>Gain</b>	5.50 dB	6.50 dB	6.00 dB	5.00 dB	6.50 dB	7.00 dB	6.00 dB	6.50 dB	6.00 dB	3.50 dB
<b>Q</b>	1.900	1.060	1.260	1.400	1.800	1.260	2.100	2.100	1.900	1.260
<b>PEQ 2</b>	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
<b>Shape</b>	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
<b>Freq</b>	315 Hz	1,120 Hz	618 Hz	1,330 Hz	520 Hz	1,440 Hz	334 Hz	397 Hz	490 Hz	944 Hz
<b>Gain</b>	2.00 dB	-5.50 dB	-3.00 dB	-9.00 dB	-1.00 dB	-8.50 dB	1.00 dB	2.50 dB	-1.00 dB	-2.00 dB
<b>Q</b>	2.400	3.400	1.400	2.200	3.000	5.000	2.700	4.200	0.400	4.200
<b>PEQ 3</b>	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
<b>Shape</b>	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
<b>Freq</b>	1,890 Hz	2,000 Hz	1,140 Hz	2,720 Hz	1,190 Hz	2,160 Hz	794 Hz	1,000 Hz	1,330 Hz	1,820 Hz
<b>Gain</b>	-7.50 dB	-7.50 dB	-5.50 dB	-3.50 dB	-2.50 dB	6.50 dB	-2.50 dB	4.00 dB	-4.50 dB	-4.50 dB
<b>Q</b>	6.700	6.700	9.000	2.800	3.200	7.600	0.400	8.500	7.100	6.000
<b>PEQ 4</b>	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
<b>Shape</b>	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
<b>Freq</b>	3,050 Hz	3,050 Hz	1,920 Hz	4,080 Hz	2,240 Hz	3,050 Hz	4,240 Hz	1,210 Hz	1,820 Hz	5,040 Hz
<b>Gain</b>	-2.50 dB	-8.50 dB	-5.00 dB	-12.00 dB	-7.00 dB	-7.00 dB	-8.00 dB	-3.50 dB	-4.00 dB	-11.50 dB
<b>Q</b>	8.500	4.800	10.700	3.000	2.500	1.400	3.600	1.500	4.800	1.900
<b>PEQ 5</b>	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
<b>Shape</b>	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
<b>Freq</b>	4,760 Hz	4,580 Hz	4,080 Hz	7,130 Hz	4,320 Hz	4,490 Hz	7,550 Hz	1,820 Hz	4,490 Hz	9,150 Hz
<b>Gain</b>	-14.00 dB	-10.00 dB	-9.00 dB	-4.50 dB	-12.00 dB	-6.00 dB	-11.00 dB	-5.50 dB	-12.00 dB	-3.50 dB
<b>Q</b>	1.700	3.600	2.800	4.500	2.700	6.700	3.400	7.100	1.120	9.000
<b>PEQ 6</b>	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
<b>Shape</b>	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
<b>Freq</b>	8,640 Hz	7,270 Hz	8,160 Hz	15,100 Hz	8,000 Hz	7,270 Hz	13,700 Hz	4,490 Hz	12,900 Hz	17,300 Hz
<b>Gain</b>	-5.50 dB	-7.00 dB	-11.50 dB	-4.50 dB	-7.00 dB	-2.50 dB	2.00 dB	-12.50 dB	5.50 dB	4.00 dB
<b>Q</b>	3.800	5.700	1.800	5.700	3.000	5.000	4.000	2.100	4.200	3.000

<sup>1</sup> Processor output gains assume all amplifier voltage gains (*not* input sensitivities) are equal.

<sup>2</sup> Change the HF/LF high pass filter to LR 24 dB/Oct, 80 to 125 Hz to cross over into a subwoofer.

# DX12 Series Level 2 Settings for XTA 4 Series Processors



tq <sub>install</sub>	DX1226 v1		DX1226 ROT v1 <sup>3</sup>		DX1226fp v1	DX1265 v5		DX1265 ROT v5 <sup>3</sup>		DX1265fp v1
	LF	HF/LF	LF	HF/LF	HF/LF	LF	HF/LF	LF	HF/LF	HF/LF
<b>GAIN<sup>1</sup></b>	-1.00 dB	0.00 dB	-2.50 dB	0.00 dB	0.00 dB	-2.00 dB	1.50 dB	-2.00 dB	1.50 dB	
<b>DELAY</b>	0.000 ms	0.458 ms	0.000 ms	0.771 ms	0.000 ms	0.000 ms	0.354 ms	0.000 ms	0.500 ms	
<b>POLARITY</b>	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	
<b>HPF<sup>2</sup></b>	<b>Freq</b> 45 Hz	<b>Freq</b> 45 Hz	<b>Freq</b> 45 Hz	<b>Freq</b> 45 Hz	<b>Freq</b> 45 Hz	<b>Freq</b> 45 Hz	<b>Freq</b> 45 Hz	<b>Freq</b> 45 Hz	<b>Freq</b> 45 Hz	<i>Coming soon</i>
	<b>Type</b> 24 dB Link/Rly	<b>Type</b> 24 dB Link/Rly	<b>Type</b> 24 dB Link/Rly	<b>Type</b> 24 dB Link/Rly	<b>Type</b> 24 dB Link/Rly	<b>Type</b> 24 dB Link/Rly	<b>Type</b> 24 dB Link/Rly	<b>Type</b> L-R 24	<b>Type</b> L-R 24	
<b>LPF</b>	<b>Freq</b> 445 Hz	<b>Freq</b> >32k0 Hz	<b>Freq</b> 420 Hz	<b>Freq</b> >32k0 Hz	<b>Freq</b> Out	<b>Freq</b> 551 Hz	<b>Freq</b> >32k0 Hz	<b>Freq</b> 551 Hz	<b>Freq</b> >32k0 Hz	
	<b>Type</b> 24 dB Bessel	<b>Type</b> 6 dB 1st Order	<b>Type</b> 24 dB Btrwth	<b>Type</b> 6 dB 1st Order		<b>Type</b> 24 dB Bessel	<b>Type</b> 6 dB 1st Order	<b>Type</b> 24 dB Bessel	<b>Type</b> 6 dB 1st Order	
<b>PEQ 1</b>	<b>Shape</b> PEQ	<b>Shape</b> PEQ	<b>Shape</b> PEQ	<b>Shape</b> PEQ	<b>Shape</b> PEQ	<b>Shape</b> PEQ	<b>Shape</b> PEQ	<b>Shape</b> PEQ	<b>Shape</b> PEQ	
	<b>Freq</b> 49 Hz	<b>Freq</b> 69 Hz	<b>Freq</b> 50 Hz	<b>Freq</b> 69 Hz	<b>Freq</b> 61 Hz	<b>Freq</b> 56 Hz	<b>Freq</b> 73 Hz	<b>Freq</b> 56 Hz	<b>Freq</b> 73 Hz	
	<b>Gain</b> 7.50 dB	<b>Gain</b> 4.50 dB	<b>Gain</b> 8.00 dB	<b>Gain</b> 4.50 dB	<b>Gain</b> 7.00 dB	<b>Gain</b> 6.50 dB	<b>Gain</b> 4.50 dB	<b>Gain</b> 6.50 dB	<b>Gain</b> 4.50 dB	
	<b>Q</b> 1.200	<b>Q</b> 2.200	<b>Q</b> 1.120	<b>Q</b> 2.400	<b>Q</b> 1.600	<b>Q</b> 1.400	<b>Q</b> 1.800	<b>Q</b> 1.400	<b>Q</b> 1.900	
<b>PEQ 2</b>	<b>Shape</b> PEQ	<b>Shape</b> PEQ	<b>Shape</b> PEQ	<b>Shape</b> PEQ	<b>Shape</b> PEQ	<b>Shape</b> PEQ	<b>Shape</b> PEQ	<b>Shape</b> PEQ	<b>Shape</b> PEQ	
	<b>Freq</b> 132 Hz	<b>Freq</b> 275 Hz	<b>Freq</b> 132 Hz	<b>Freq</b> 275 Hz	<b>Freq</b> 297 Hz	<b>Freq</b> 88 Hz	<b>Freq</b> 292 Hz	<b>Freq</b> 89 Hz	<b>Freq</b> 292 Hz	
	<b>Gain</b> -1.00 dB	<b>Gain</b> -4.00 dB	<b>Gain</b> -1.00 dB	<b>Gain</b> -3.50 dB	<b>Gain</b> -2.00 dB	<b>Gain</b> 1.00 dB	<b>Gain</b> -8.00 dB	<b>Gain</b> 1.00 dB	<b>Gain</b> -8.00 dB	
	<b>Q</b> 1.260	<b>Q</b> 1.000	<b>Q</b> 1.260	<b>Q</b> 1.500	<b>Q</b> 0.590	<b>Q</b> 1.300	<b>Q</b> 0.590	<b>Q</b> 1.300	<b>Q</b> 0.560	
<b>PEQ 3</b>	<b>Shape</b> PEQ	<b>Shape</b> PEQ	<b>Shape</b> PEQ	<b>Shape</b> PEQ	<b>Shape</b> PEQ	<b>Shape</b> PEQ	<b>Shape</b> PEQ	<b>Shape</b> PEQ	<b>Shape</b> PEQ	
	<b>Freq</b> 397 Hz	<b>Freq</b> 2,380 Hz	<b>Freq</b> 397 Hz	<b>Freq</b> 2,520 Hz	<b>Freq</b> 1,920 Hz	<b>Freq</b> 412 Hz	<b>Freq</b> 1,920 Hz	<b>Freq</b> 412 Hz	<b>Freq</b> 1,920 Hz	
	<b>Gain</b> -5.50 dB	<b>Gain</b> -12.00 dB	<b>Gain</b> -7.50 dB	<b>Gain</b> -12.00 dB	<b>Gain</b> -5.50 dB	<b>Gain</b> -3.50 dB	<b>Gain</b> -2.50 dB	<b>Gain</b> -3.50 dB	<b>Gain</b> -2.50 dB	
	<b>Q</b> 1.120	<b>Q</b> 1.600	<b>Q</b> 1.300	<b>Q</b> 1.600	<b>Q</b> 7.600	<b>Q</b> 1.190	<b>Q</b> 1.900	<b>Q</b> 1.190	<b>Q</b> 1.900	
<b>PEQ 4</b>	<b>Shape</b> PEQ	<b>Shape</b> PEQ	<b>Shape</b> PEQ	<b>Shape</b> PEQ	<b>Shape</b> PEQ	<b>Shape</b> PEQ	<b>Shape</b> PEQ	<b>Shape</b> PEQ	<b>Shape</b> PEQ	
	<b>Freq</b> 2,420 Hz	<b>Freq</b> 2,420 Hz	<b>Freq</b> 2,420 Hz	<b>Freq</b> 2,420 Hz	<b>Freq</b> 2,420 Hz	<b>Freq</b> 2,720 Hz	<b>Freq</b> 2,570 Hz	<b>Freq</b> 2,720 Hz	<b>Freq</b> 2,570 Hz	
	<b>Gain</b> 8.50 dB	<b>Gain</b> 8.50 dB	<b>Gain</b> 8.50 dB	<b>Gain</b> 8.50 dB	<b>Gain</b> 11.50 dB	<b>Gain</b> -8.50 dB	<b>Gain</b> 5.00 dB	<b>Gain</b> -8.50 dB	<b>Gain</b> 5.00 dB	
	<b>Q</b> 6.700	<b>Q</b> 6.700	<b>Q</b> 6.700	<b>Q</b> 6.700	<b>Q</b> 5.300	<b>Q</b> 2.400	<b>Q</b> 2.700	<b>Q</b> 2.400	<b>Q</b> 2.800	
<b>PEQ 5</b>	<b>Shape</b> PEQ	<b>Shape</b> PEQ	<b>Shape</b> PEQ	<b>Shape</b> PEQ	<b>Shape</b> PEQ	<b>Shape</b> PEQ	<b>Shape</b> PEQ	<b>Shape</b> PEQ	<b>Shape</b> PEQ	
	<b>Freq</b> 4,080 Hz	<b>Freq</b> 4,080 Hz	<b>Freq</b> 4,080 Hz	<b>Freq</b> 4,080 Hz	<b>Freq</b> 2,670 Hz	<b>Freq</b> 3,780 Hz	<b>Freq</b> 3,780 Hz	<b>Freq</b> 3,780 Hz	<b>Freq</b> 3,780 Hz	
	<b>Gain</b> -5.50 dB	<b>Gain</b> -4.00 dB	<b>Gain</b> -4.00 dB	<b>Gain</b> -4.00 dB	<b>Gain</b> -12.50 dB	<b>Gain</b> -8.50 dB	<b>Gain</b> -8.50 dB	<b>Gain</b> -8.50 dB	<b>Gain</b> -9.00 dB	
	<b>Q</b> 3.800	<b>Q</b> 3.800	<b>Q</b> 3.800	<b>Q</b> 3.800	<b>Q</b> 2.400	<b>Q</b> 2.000	<b>Q</b> 2.000	<b>Q</b> 2.000	<b>Q</b> 2.000	
<b>PEQ 6</b>	<b>Shape</b> PEQ	<b>Shape</b> PEQ	<b>Shape</b> PEQ	<b>Shape</b> PEQ	<b>Shape</b> Parametric	<b>Shape</b> PEQ	<b>Shape</b> PEQ	<b>Shape</b> PEQ	<b>Shape</b> PEQ	
	<b>Freq</b> 7,270 Hz	<b>Freq</b> 7,270 Hz	<b>Freq</b> 7,270 Hz	<b>Freq</b> 7,270 Hz	<b>Freq</b> PEQ	<b>Freq</b> 8,160 Hz	<b>Freq</b> 8,160 Hz	<b>Freq</b> 8,160 Hz	<b>Freq</b> 8,160 Hz	
	<b>Gain</b> -5.00 dB	<b>Gain</b> -4.00 dB	<b>Gain</b> -4.00 dB	<b>Gain</b> -4.00 dB	<b>Gain</b> -3.00 dB	<b>Gain</b> -11.00 dB	<b>Gain</b> -11.00 dB	<b>Gain</b> -11.00 dB	<b>Gain</b> -11.00 dB	
	<b>Q</b> 2.500	<b>Q</b> 2.400	<b>Q</b> 2.400	<b>Q</b> 2.400	<b>Q</b> 1.260	<b>Q</b> 1.900	<b>Q</b> 1.900	<b>Q</b> 1.900	<b>Q</b> 1.900	

<sup>1</sup> Processor output gains assume all amplifier voltage gains (*not* input sensitivities) are equal.

<sup>2</sup> Change the LF *and* HF/LF high pass filters to LR 24 dB/Oct, 80 to 125 Hz to cross over into a subwoofer.

<sup>3</sup> Use when coax is rotated 90 degrees.

## DX12 Series Level 2 Settings for XTA 4 Series Processors



tq <sub>install</sub>	DX1277 v2		DX1277fp v1	DX1295 v6		DX1295 ROT v6 <sup>3</sup>		DX1295fp v1
	LF	HF/LF	HF/LF	LF	HF/LF	LF	HF/LF	HF/LF
<b>GAIN<sup>1</sup></b>	-2.50 dB	0.00 dB		0.00 dB	1.50 dB	0.00 dB	1.50 dB	0.00 dB
<b>DELAY</b>	0.000 ms	0.333 ms		0.000 ms	0.354 ms	0.000 ms	0.646 ms	0.000 ms
<b>POLARITY</b>	Normal	Normal		Normal	Normal	Normal	Normal	Normal
<b>HPF<sup>2</sup></b>	<b>Freq</b> 45 Hz	45 Hz	<i>Coming soon</i>	45 Hz	45 Hz	45 Hz	45 Hz	45 Hz
	<b>Type</b> 24 dB Link/Rly	24 dB Link/Rly		24 dB Link/Rly	24 dB Link/Rly	24 dB Link/Rly	24 dB Link/Rly	24 dB Link/Rly
<b>LPF</b>	<b>Freq</b> 500 Hz	>32k0 Hz		551 Hz	>32k0 Hz	375 Hz	>32k0 Hz	>32k0 Hz
	<b>Type</b> 24 dB Bessel	6 dB 1st Order		24 dB Bessel	6 dB 1st Order	24 dB Bessel	6 dB 1st Order	6 dB 1st Order
<b>PEQ 1</b>	<b>Shape</b>	PEQ		PEQ	PEQ	PEQ	PEQ	PEQ
	<b>Freq</b>	60 Hz		50 Hz	73 Hz	50 Hz	73 Hz	61 Hz
	<b>Gain</b>	6.50 dB		5.50 dB	4.50 dB	5.50 dB	4.50 dB	7.50 dB
	<b>Q</b>	1.260		1.260	1.800	1.260	1.800	1.600
<b>PEQ 2</b>	<b>Shape</b>	PEQ		PEQ	PEQ	PEQ	PEQ	PEQ
	<b>Freq</b>	132 Hz		132 Hz	292 Hz	132 Hz	292 Hz	260 Hz
	<b>Gain</b>	-1.00 dB		-1.00 dB	-8.00 dB	-1.00 dB	-8.00 dB	-2.50 dB
	<b>Q</b>	1.260		1.300	0.590	1.300	0.590	0.420
<b>PEQ 3</b>	<b>Shape</b>	PEQ		PEQ	PEQ	PEQ	PEQ	PEQ
	<b>Freq</b>	375 Hz		420 Hz	891 Hz	367 Hz	667 Hz	981 Hz
	<b>Gain</b>	-3.00 dB		-4.00 dB	4.00 dB	-3.00 dB	6.00 dB	6.50 dB
	<b>Q</b>	1.190		1.260	2.100	1.260	2.700	2.500
<b>PEQ 4</b>	<b>Shape</b>	PEQ		PEQ	PEQ	PEQ	PEQ	PEQ
	<b>Freq</b>			2,720 Hz	1,920 Hz	2,720 Hz	1,680 Hz	2,520 Hz
	<b>Gain</b>			-8.50 dB	-7.00 dB	-8.50 dB	-6.50 dB	-7.50 dB
	<b>Q</b>			2.400	1.300	2.400	2.400	0.790
<b>PEQ 5</b>	<b>Shape</b>	PEQ		PEQ	PEQ	PEQ	PEQ	PEQ
	<b>Freq</b>				4,080 Hz		4,240 Hz	4,240 Hz
	<b>Gain</b>				-11.00 dB		-13.50 dB	-7.50 dB
	<b>Q</b>				3.200		2.700	7.100
<b>PEQ 6</b>	<b>Shape</b>	PEQ		PEQ	PEQ	PEQ	PEQ	PEQ
	<b>Freq</b>				8,160 Hz		8,160 Hz	7,550 Hz
	<b>Gain</b>				-7.50 dB		-6.00 dB	-5.00 dB
	<b>Q</b>				2.100		2.400	2.800

<sup>1</sup> Processor output gains assume all amplifier voltage gains (*not* input sensitivities) are equal.

<sup>2</sup> Change the LF *and* HF/LF high pass filters to LR 24 dB/Oct, 80 to 125 Hz to cross over into a subwoofer.

<sup>3</sup> Use when coax is rotated 90 degrees.

## DX15 Series Level 2 Settings for XTA 4 Series Processors



tq <sub>install</sub>	DX1526 v1		DX1526 ROT v1 <sup>3</sup>		DX1565 v5		DX1565 ROT v5 <sup>3</sup>	
	LF	HF/LF	LF	HF/LF	LF	HF/LF	LF	HF/LF
<b>GAIN<sup>1</sup></b>	0.00 dB	0.50 dB	0.00 dB	0.50 dB	0.00 dB	-1.50 dB	0.00 dB	-1.50 dB
<b>DELAY</b>	0.000 ms	0.750 ms	0.000 ms	0.958 ms	0.000 ms	0.750 ms	0.000 ms	0.750 ms
<b>POLARITY</b>	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
<b>HPF<sup>2</sup></b>	38 Hz	38 Hz	38 Hz	38 Hz	38 Hz	38 Hz	38 Hz	38 Hz
<b>Freq Type</b>	24 dB Link/Rly	24 dB Link/Rly	24 dB Link/Rly	24 dB Link/Rly	24 dB Link/Rly	24 dB Link/Rly	24 dB Link/Rly	24 dB Link/Rly
<b>LPF</b>	397 Hz	>32k0 Hz	297 Hz	>32k0 Hz	389 Hz	>32k0 Hz	389 Hz	>32k0 Hz
<b>Freq Type</b>	24 dB Bessel	6 dB 1st Order	24 dB Bessel	6 dB 1st Order	24 dB Bessel	6 dB 1st Order	24 dB Bessel	6 dB 1st Order
<b>PEQ 1</b>	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
<b>Shape</b>	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
<b>Freq</b>	43 Hz	53 Hz	43 Hz	53 Hz	43 Hz	52 Hz	43 Hz	52 Hz
<b>Gain</b>	6.50 dB	6.50 dB	6.50 dB	7.00 dB	6.50 dB	7.00 dB	6.50 dB	7.50 dB
<b>Q</b>	1.400	1.500	1.400	1.500	1.400	1.900	1.400	2.000
<b>PEQ 2</b>	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
<b>Shape</b>	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
<b>Freq</b>	125 Hz	187 Hz	125 Hz	164 Hz	167 Hz	164 Hz	140 Hz	154 Hz
<b>Gain</b>	-1.00 dB	-9.50 dB	-1.00 dB	-8.00 dB	-1.00 dB	-6.50 dB	-1.00 dB	-6.50 dB
<b>Q</b>	2.200	0.710	2.200	0.790	1.300	1.800	2.500	1.500
<b>PEQ 3</b>	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
<b>Shape</b>	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
<b>Freq</b>	389 Hz	1,060 Hz	389 Hz	1,060 Hz	327 Hz	334 Hz	327 Hz	367 Hz
<b>Gain</b>	-4.50 dB	-3.00 dB	-4.50 dB	-3.50 dB	-2.00 dB	-5.50 dB	-3.50 dB	-5.50 dB
<b>Q</b>	1.900	6.000	1.900	9.000	1.120	1.300	1.260	1.190
<b>PEQ 4</b>	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
<b>Shape</b>	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
<b>Freq</b>	1,780 Hz	1,590 Hz	1,780 Hz	1,590 Hz	1,330 Hz	2,240 Hz	1,330 Hz	1,710 Hz
<b>Gain</b>	-4.00 dB	-10.00 dB	-4.00 dB	-10.00 dB	3.50 dB	-2.50 dB	3.50 dB	-2.50 dB
<b>Q</b>	3.000	7.600	3.000	7.600	2.400	3.800	2.400	3.800
<b>PEQ 5</b>	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
<b>Shape</b>	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
<b>Freq</b>		2,120 Hz		2,120 Hz		4,850 Hz		4,850 Hz
<b>Gain</b>		6.00 dB		6.00 dB		-10.50 dB		-10.00 dB
<b>Q</b>		4.500		4.500		2.800		2.800
<b>PEQ 6</b>	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
<b>Shape</b>	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
<b>Freq</b>		3,780 Hz		3,780 Hz		8,160 Hz		8,160 Hz
<b>Gain</b>		-12.00 dB		-12.00 dB		-8.50 dB		-8.50 dB
<b>Q</b>		1.300		1.300		5.000		3.200

<sup>1</sup> Processor output gains assume all amplifier voltage gains (*not* input sensitivities) are equal.

<sup>2</sup> Change the LF *and* HF/LF high pass filters to LR 24 dB/Oct, 80 to 125 Hz to cross over into a subwoofer.

<sup>3</sup> Use when coax is rotated 90 degrees.

## DX15 Series Level 2 Settings for XTA 4 Series Processors



tq <sub>install</sub>	DX1577 v1		DX1595 v5		DX1595 ROT v5 <sup>3</sup>		
	LF	HF/LF	LF	HF/LF	LF	HF/LF	
<b>GAIN<sup>1</sup></b>	0.00 dB	-2.50 dB	-1.00 dB	0.00 dB	0.00 dB	0.00 dB	
<b>DELAY</b>	0.000 ms	1.000 ms	0.000 ms	0.604 ms	0.000 ms	0.875 ms	
<b>POLARITY</b>	Normal	Normal	Normal	Normal	Normal	Normal	
<b>HPF<sup>2</sup></b>	38 Hz	38 Hz	38 Hz	38 Hz	38 Hz	38 Hz	
<b>Freq Type</b>	24 dB Link/Rly	24 dB Link/Rly	24 dB Link/Rly	24 dB Link/Rly	24 dB Link/Rly	24 dB Link/Rly	
<b>LPF</b>	375 Hz	>32k0 Hz	389 Hz	>32k0 Hz	334 Hz	>32k0 Hz	
<b>Freq Type</b>	24 dB Bessel	6 dB 1st Order	24 dB Bessel	6 dB 1st Order	24 dB Bessel	6 dB 1st Order	
<b>PEQ 1</b>	Shape	PEQ	PEQ	PEQ	PEQ	PEQ	
	Freq	43 Hz	52 Hz	47 Hz	58 Hz	49 Hz	58 Hz
	Gain	6.50 dB	7.00 dB	6.50 dB	5.50 dB	4.00 dB	6.00 dB
	Q	1.400	1.600	1.300	2.000	1.190	1.900
<b>PEQ 2</b>	Shape	PEQ	PEQ	PEQ	PEQ	PEQ	
	Freq	125 Hz	195 Hz	132 Hz	187 Hz	146 Hz	187 Hz
	Gain	-1.00 dB	-7.50 dB	-0.50 dB	-10.00 dB	-1.50 dB	-9.00 dB
	Q	2.200	1.060	1.300	0.940	1.300	0.940
<b>PEQ 3</b>	Shape	PEQ	PEQ	PEQ	PEQ	PEQ	
	Freq	375 Hz	981 Hz	354 Hz	1,020 Hz	334 Hz	1,020 Hz
	Gain	-3.00 dB	3.00 dB	-2.50 dB	4.50 dB	-3.50 dB	4.50 dB
	Q	1.800	8.500	1.400	7.100	1.900	7.100
<b>PEQ 4</b>	Shape	PEQ	PEQ	PEQ	PEQ	PEQ	
	Freq		1,280 Hz	1,330 Hz	1,820 Hz	1,330 Hz	1,820 Hz
	Gain		-3.50 dB	3.50 dB	-4.00 dB	3.50 dB	-4.00 dB
	Q		7.100	2.400	1.800	2.400	1.800
<b>PEQ 5</b>	Shape	PEQ	PEQ	PEQ	PEQ		
	Freq		1,780 Hz		4,240 Hz		4,240 Hz
	Gain		-9.50 dB		-11.50 dB		-11.50 dB
	Q		10.700		1.190		1.190
<b>PEQ 6</b>	Shape	PEQ	PEQ	PEQ	PEQ		
	Freq		4,490 Hz		15,400 Hz		15,400 Hz
	Gain		-9.00 dB		2.00 dB		2.00 dB
	Q		2.000		2.500		2.500

<sup>1</sup> Processor output gains assume all amplifier voltage gains (*not* input sensitivities) are equal.

<sup>2</sup> Change the LF *and* HF/LF high pass filters to LR 24 dB/Oct, 80 to 125 Hz to cross over into a subwoofer.

<sup>3</sup> Use when coax is rotated 90 degrees.

# Prophile Series Level 2 Settings for XTA 4 Series Processors



prophile™	P v4	S v5	M v6		L v2		XL v6 [CLUB] <sup>3</sup>		XL v7 [FLAT] <sup>4</sup>		
	HF/LF	HF/LF	LF	HF/LF	LF	HF/LF	LF	HF	LF	HF	
<b>GAIN<sup>1</sup></b>	0.00 dB	-1.00 dB	0.00 dB	-5.00 dB	3.00 dB	-6.00 dB	0.00 dB	-2.00 dB	0.00 dB	0.00 dB	
<b>DELAY</b>	0.000 ms	0.000 ms	0.000 ms	0.542 ms	0.000 ms	0.854 ms	0.000 ms	4.979 ms	0.000 ms	4.979 ms	
<b>POLARITY</b>	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	
<b>HPF<sup>2</sup></b>	<b>Freq</b>	80 Hz	65 Hz	45 Hz	45 Hz	30 Hz	30 Hz	65 Hz	1,000 Hz	65 Hz	1,000 Hz
	<b>Type</b>	24 dB Link/Rly	24 dB Link/Rly	24 dB Link/Rly	24 dB Link/Rly	24 dB Link/Rly	24 dB Link/Rly	24 dB Link/Rly	Bes 24	24 dB Link/Rly	Bes 24
<b>LPF</b>	<b>Freq</b>	>32k0 Hz	>32k0 Hz	445 Hz	>32k0 Hz	375 Hz	>32k0 Hz	1,000 Hz	>32k0 Hz	1,000 Hz	>32k0 Hz
	<b>Type</b>	6 dB 1st Order	6 dB 1st Order	24 dB Bessel	6 dB 1st Order	24 dB Bessel	6 dB 1st Order	24 dB Bessel	6 dB 1st Order	24 dB Bessel	6 dB 1st Order
<b>PEQ 1</b>	<b>Shape</b>	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	
	<b>Freq</b>	154 Hz	397 Hz	53 Hz	58 Hz	45 Hz	50 Hz	74 Hz	500 Hz	75 Hz	500 Hz
	<b>Gain</b>	2.50 dB	3.00 dB	4.50 dB	3.50 dB	1.50 dB	7.50 dB	3.00 dB	-5.00 dB	3.00 dB	-5.00 dB
	<b>Q</b>	1.190	1.500	1.800	1.190	0.840	1.300	2.100	4.800	2.800	4.800
<b>PEQ 2</b>	<b>Shape</b>	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	
	<b>Freq</b>	334 Hz	891 Hz	83 Hz	157 Hz	140 Hz	111 Hz	184 Hz	908 Hz	184 Hz	908 Hz
	<b>Gain</b>	1.50 dB	-5.50 dB	3.50 dB	-3.50 dB	-2.50 dB	-4.00 dB	-4.50 dB	6.00 dB	-5.00 dB	6.00 dB
	<b>Q</b>	1.900	2.000	2.200	1.400	1.800	0.420	4.200	3.400	3.400	4.200
<b>PEQ 3</b>	<b>Shape</b>	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	
	<b>Freq</b>	841 Hz	1,590 Hz	354 Hz	437 Hz	463 Hz	735 Hz	245 Hz	1,280 Hz	281 Hz	1,280 Hz
	<b>Gain</b>	-6.00 dB	-6.50 dB	-1.00 dB	-3.50 dB	-6.50 dB	3.50 dB	-5.00 dB	-2.50 dB	1.40 dB	-2.50 dB
	<b>Q</b>	2.800	2.700	0.560	2.700	1.400	3.400	1.300	1.400	1.059	1.400
<b>PEQ 4</b>	<b>Shape</b>	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	
	<b>Freq</b>	1,890 Hz	4,760 Hz	490 Hz	825 Hz		1,060 Hz	463 Hz	4,320 Hz	445 Hz	4,320 Hz
	<b>Gain</b>	-10.00 dB	-8.50 dB	-2.50 dB	-4.00 dB		3.50 dB	3.00 dB	-6.00 dB	3.50 dB	-6.50 dB
	<b>Q</b>	2.400	9.500	2.200	6.300		7.100	3.400	0.500	3.400	0.500
<b>PEQ 5</b>	<b>Shape</b>	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	
	<b>Freq</b>	4,850 Hz	8,480 Hz		1,920 Hz		2,040 Hz	841 Hz	9,700 Hz	825 Hz	10,100 Hz
	<b>Gain</b>	-8.50 dB	-7.00 dB		-5.00 dB		-5.00 dB	6.00 dB	5.00 dB	6.50 dB	5.50 dB
	<b>Q</b>	6.000	2.400		0.860		4.800	3.600	5.700	2.700	5.700
<b>PEQ 6</b>	<b>Shape</b>	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	
	<b>Freq</b>	8,480 Hz	16,600 Hz		5,340 Hz		5,990 Hz	2,380 Hz	17,300 Hz	2,380 Hz	17,300 Hz
	<b>Gain</b>	-9.00 dB	4.50 dB		-5.00 dB		-3.50 dB	-11.50 dB	10.50 dB	-11.50 dB	11.00 dB
	<b>Q</b>	2.500	3.600		3.200		2.200	5.300	4.800	5.300	4.800

<sup>1</sup> Processor output gains assume all amplifier voltage gains (*not* input sensitivities) are equal.

<sup>2</sup> Change the LF *and* HF/LF high pass filters to LR 24 dB/Oct, 80 to 125 Hz to cross over into a subwoofer.

<sup>3</sup> "Club" tuning for EDM applications. Voicing is tilted down 1 dB per octave over the loudspeaker's operating range.

<sup>4</sup> "Flat" tuning for use in live sound reinforcement applications.



# FA & TS Series Level 2 Settings for XTA 4 Series Processors



faPORTABLE		FA28 v1 HF/LF	FA28-SM v1 <sup>3</sup> HF/LF	FA12 v2 HF/LF	FA12-SM v2 <sup>3</sup> HF/LF	FA15 v1 HF/LF	FA15-SM v1 <sup>3</sup> HF/LF	TS212 v1 VLF	TS215 v2 VLF	TS221 v1 VLF
<b>GAIN<sup>1</sup></b>		0.00 dB	-1.50 dB	-1.50 dB	-1.50 dB	0.00 dB	0.00 dB	4.00 dB	0.50 dB	1.50 dB
<b>DELAY</b>		0.000 ms	0.000 ms	0.000 ms	0.000 ms	0.000 ms	0.000 ms	0.000 ms	0.000 ms	0.000 ms
<b>POLARITY</b>		Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
<b>HPF<sup>2</sup></b>	<b>Freq</b>	40 Hz	40 Hz	42 Hz	42 Hz	32 Hz	32 Hz	30 Hz	31 Hz	24 Hz
	<b>Type</b>	24 dB Link/Rly	24 dB Link/Rly	24 dB Link/Rly	24 dB Link/Rly	24 dB Link/Rly	24 dB Link/Rly	24 dB Bessel	24 dB Btrwrth	24 dB Btrwrth
<b>LPF<sup>2</sup></b>	<b>Freq</b>	>32k0 Hz	>32k0 Hz	>32k0 Hz	>32k0 Hz	>32k0 Hz	>32k0 Hz	99 Hz	99 Hz	99 Hz
	<b>Type</b>	6 dB 1st Order	6 dB 1st Order	6 dB 1st Order	6 dB 1st Order	6 dB 1st Order	6 dB 1st Order	24 dB Link/Rly	24 dB Link/Rly	24 dB Link/Rly
<b>PEQ 1</b>	<b>Shape</b>	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
	<b>Freq</b>	58 Hz	73 Hz	61 Hz	58 Hz	52 Hz	52 Hz	42 Hz	33 Hz	39 Hz
	<b>Gain</b>	5.00 dB	4.00 dB	9.50 dB	7.50 dB	6.00 dB	6.00 dB	-1.00 dB	5.50 dB	4.00 dB
	<b>Q</b>	1.190	1.400	0.940	0.710	1.120	1.400	3.600	0.710	1.400
<b>PEQ 2</b>	<b>Shape</b>	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
	<b>Freq</b>	1,020 Hz	520 Hz	749 Hz	794 Hz	1,780 Hz	389 Hz	65 Hz	37 Hz	149 Hz
	<b>Gain</b>	-1.00 dB	-1.00 dB	6.00 dB	5.50 dB	-7.00 dB	-2.50 dB	2.00 dB	-2.00 dB	-1.00 dB
	<b>Q</b>	0.400	5.000	2.200	2.500	3.600	2.400	1.120	5.300	1.700
<b>PEQ 3</b>	<b>Shape</b>	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	
	<b>Freq</b>	1,620 Hz	1,590 Hz	1,410 Hz	1,410 Hz	2,880 Hz	1,780 Hz	281 Hz	187 Hz	
	<b>Gain</b>	-2.50 dB	-2.00 dB	-4.50 dB	-4.50 dB	-2.50 dB	-7.00 dB	-9.50 dB	-3.50 dB	
	<b>Q</b>	4.000	1.300	0.560	0.560	3.600	4.200	1.120	1.120	
<b>PEQ 4</b>	<b>Shape</b>	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ			
	<b>Freq</b>	4,760 Hz	4,760 Hz	2,290 Hz	2,290 Hz	4,240 Hz	2,880 Hz			
	<b>Gain</b>	-11.50 dB	-9.50 dB	-1.00 dB	-1.50 dB	-11.00 dB	-2.50 dB			
	<b>Q</b>	2.000	2.200	3.400	3.400	3.000	3.400			
<b>PEQ 5</b>	<b>Shape</b>	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ			
	<b>Freq</b>	8,980 Hz	8,980 Hz	4,000 Hz	4,000 Hz	7,700 Hz	4,240 Hz			
	<b>Gain</b>	-6.50 dB	-6.00 dB	-10.50 dB	-10.50 dB	-5.00 dB	-11.50 dB			
	<b>Q</b>	4.000	4.500	2.700	3.000	2.200	2.800			
<b>PEQ 6</b>	<b>Shape</b>	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ			
	<b>Freq</b>	18,300 Hz	17,600 Hz	8,000 Hz	8,160 Hz	13,500 Hz	8,160 Hz			
	<b>Gain</b>	4.00 dB	6.00 dB	-5.50 dB	-7.00 dB	2.00 dB	-6.00 dB			
	<b>Q</b>	8.000	7.100	2.500	2.000	3.200	4.200			

<sup>1</sup> Processor output gains assume all amplifier voltage gains (*not* input sensitivities) are equal.

<sup>2</sup> The FA Series HPF and TS Series LPF may be varied from 80 to 125 Hz to suit application requirements.

<sup>3</sup> Use -SM settings when FA28, FA12, and FA15 are used in stage monitor application.

# Cardioid Subwoofer Settings for XTA 4 Series Processors



CARDIOID SUBWOOFERS		CS118 v1 VLF	CS121 v1 VLF
<b>GAIN<sup>1</sup></b>		-1.00 dB	-1.50 dB
<b>DELAY</b>		0.000 ms	0.000 ms
<b>POLARITY</b>		Normal	Normal
<b>HPF</b>	<b>Freq</b>	28 Hz	28 Hz
	<b>Type</b>	24 dB Btrwrth	24 dB Btrwrth
<b>LPF<sup>2</sup></b>	<b>Freq</b>	99 Hz	99 Hz
	<b>Type</b>	24 dB Link/Rly	24 dB Link/Rly
<b>PEQ 1</b>	<b>Shape</b>	PEQ	PEQ
	<b>Freq</b>	37 Hz	33 Hz
	<b>Gain</b>	8.00 dB	10.50 dB
	<b>Q</b>	1.900	2.100
<b>PEQ 2</b>	<b>Shape</b>	PEQ	
	<b>Freq</b>	73 Hz	
	<b>Gain</b>	-1.00 dB	
	<b>Q</b>	1.300	
<b>PEQ 3</b>	<b>Shape</b>		
	<b>Freq</b>		
	<b>Gain</b>		
	<b>Q</b>		
<b>PEQ 4</b>	<b>Shape</b>		
	<b>Freq</b>		
	<b>Gain</b>		
	<b>Q</b>		
<b>PEQ 5</b>	<b>Shape</b>		
	<b>Freq</b>		
	<b>Gain</b>		
	<b>Q</b>		
<b>PEQ 6</b>	<b>Shape</b>		
	<b>Freq</b>		
	<b>Gain</b>		
	<b>Q</b>		

<sup>1</sup> Processor output gains assume all amplifier voltage gains (*not* input sensitivities) are equal.

<sup>2</sup> The LPF may be varied from 80 to 125 Hz to suit application requirements.

# Subwoofer Settings for XTA 4 Series Processors



<b>VLF</b> <i>Install</i>	US208 v1 VLF	US212 v2 VLF	US221 v2 VLF	Sub 112 v3 VLF	Sub115 v3 VLF	Sub118 v1 VLF	Sub215 v7 VLF	Sub218 v1 VLF	Sub218L v1 VLF
<b>GAIN<sup>1</sup></b>	2.50 dB	3.00 dB	2.00 dB	1.00 dB	2.50 dB	1.00 dB	0.50 dB	1.50 dB	1.50 dB
<b>DELAY</b>	0.000 ms	0.000 ms	0.000 ms	0.000 ms	0.000 ms	0.000 ms	0.000 ms	0.000 ms	0.000 ms
<b>POLARITY</b>	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
<b>HPF</b>	33 Hz	40 Hz	28 Hz	38 Hz	30 Hz	26 Hz	26 Hz	26 Hz	25 Hz
<b>Freq Type</b>	24 dB Btrwrth	24 dB Btrwrth	24 dB Btrwrth	24 dB Btrwrth	24 dB Btrwrth	24 dB Btrwrth	24 dB Btrwrth	24 dB Btrwrth	24 dB Btrwrth
<b>LPF<sup>2</sup></b>	99 Hz	99 Hz	99 Hz	99 Hz	99 Hz	99 Hz	99 Hz	99 Hz	99 Hz
<b>Freq Type</b>	24 dB Link/Rly	24 dB Link/Rly	24 dB Link/Rly	24 dB Link/Rly	24 dB Link/Rly	24 dB Link/Rly	24 dB Link/Rly	24 dB Link/Rly	24 dB Link/Rly
<b>PEQ 1</b>	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
<b>Shape</b>	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
<b>Freq</b>	43 Hz	69 Hz	39 Hz	42 Hz	72 Hz	37 Hz	31 Hz	33 Hz	28 Hz
<b>Gain</b>	-1.00 dB	2.50 dB	3.50 dB	4.50 dB	2.00 dB	3.00 dB	6.00 dB	3.00 dB	4.00 dB
<b>Q</b>	2.800	1.300	1.300	1.600	1.260	1.000	1.190	1.000	1.190
<b>PEQ 2</b>	PEQ	PEQ	PEQ	PEQ	PEQ		PEQ		PEQ
<b>Shape</b>	PEQ	PEQ	PEQ	PEQ	PEQ		PEQ		PEQ
<b>Freq</b>	60 Hz	281 Hz	149 Hz	167 Hz	149 Hz		184 Hz		223 Hz
<b>Gain</b>	2.00 dB	-8.00 dB	-4.00 dB	-3.50 dB	-4.00 dB		-4.50 dB		3.00 dB
<b>Q</b>	1.400	1.060	2.000	1.600	1.190		1.000		2.200
<b>PEQ 3</b>	PEQ								
<b>Shape</b>	PEQ								
<b>Freq</b>	94 Hz								
<b>Gain</b>	1.50 dB								
<b>Q</b>	2.000								
<b>PEQ 4</b>	High Shelf								
<b>Shape</b>	High Shelf								
<b>Freq</b>	195 Hz								
<b>Gain</b>	-7.00 dB								
<b>Q</b>	0.500								
<b>PEQ 5</b>									
<b>Shape</b>									
<b>Freq</b>									
<b>Gain</b>									
<b>Q</b>									
<b>PEQ 6</b>									
<b>Shape</b>									
<b>Freq</b>									
<b>Gain</b>									
<b>Q</b>									

<sup>1</sup> Processor output gains assume all amplifier voltage gains (*not* input sensitivities) are equal.

<sup>2</sup> The LPF may be varied from 80 to 125 Hz to suit application requirements.