RX Series & FX Series Level 2 Settings for Xilica XP & XD Processors

tq install		RX599-16 v1 HF/LF	RX699-16 v2 [3] HF/LF	RX699-70V v2 [3] HF/LF	FX896 v1 HF/LF	FX1295 v1 HF/LF
GAIN[1]		-1.00 dB	0.50 dB	0.50 dB	-1.00 dB	0.50 dB
DELAY		0.000 ms	0.000 ms	0.000 ms	0.000 ms	0.000 ms
POLARITY		Normal	Normal	Normal	Normal	Normal
HPF[2]	**Freq**	75 Hz	70 Hz	70 Hz	70 Hz	70 Hz
	Type	24 dB Link/Rly	24 dB Link/Rly	24 dB Link/Rly	24 dB Link/Rly	24 dB Link/Rly
LPF	**Freq**	Out	Out	Out	Out	Out
	Type					
PEQ 1	**Shape**	PEQ	PEQ	PEQ	PEQ	PEQ
	Freq	112 Hz	103 Hz	103 Hz	103 Hz	100 Hz
	Gain	4.50 dB	3.50 dB	3.50 dB	4.50 dB	6.00 dB
	BW	0.630	0.840	0.840	0.270	0.480
PEQ 2	**Shape**	PEQ	PEQ	PEQ	PEQ	PEQ
	Freq	579 Hz	1,122 Hz	1,122 Hz	365 Hz	194 Hz
	Gain	2.00 dB	-5.00 dB	-5.00 dB	3.50 dB	-3.00 dB
	BW	1.220	0.370	0.370	1.220	0.670
PEQ 3	**Shape**	PEQ	PEQ	PEQ	PEQ	PEQ
	Freq	1,540 Hz	2,738 Hz	2,738 Hz	1,778 Hz	2,175 Hz
	Gain	-5.00 dB	-8.50 dB	-8.50 dB	-5.00 dB	-5.50 dB
	BW	0.210	0.320	0.320	0.180	0.940
PEQ 4	**Shape**	PEQ	PEQ	PEQ	PEQ	PEQ
	Freq	2,661 Hz	2,738 Hz	2,738 Hz	4,597 Hz	3,868 Hz
	Gain	-3.50 dB	3.00 dB	3.00 dB	-11.50 dB	-9.00 dB
	BW	0.310	0.220	0.220	0.680	0.480
PEQ 5	**Shape**	PEQ	PEQ	PEQ	PEQ	PEQ
	Freq	3,652 Hz	7,079 Hz	7,079 Hz	8,660 Hz	6,879 Hz
	Gain	-7.50 dB	-15.00 dB	-16.50 dB	-6.50 dB	-5.50 dB
	BW	0.230	0.930	0.930	0.400	0.980
PEQ 6	**Shape**	PEQ	PEQ	PEQ	PEQ	PEQ
	Freq	8,660 Hz	16,788 Hz	16,788 Hz	17,278 Hz	13,335 Hz
	Gain	-15.00 dB	-6.00 dB	-6.00 dB	5.00 dB	4.50 dB
	BW	0.470	0.340	0.340	0.350	0.500

[1] Processor output gains assume all amplifier voltage gains (*not* input sensitivities) are equal.
[2] Change the HF/LF high pass filter to LR 24 dB/Oct, 80 to 125 Hz to cross over into a subwoofer.
[3] Use -16 setting for 16 ohm operation, -70V setting for 70 volt operation.

GX Series Level 2 Settings for Xilica XP & XD Processors

		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 v! HF/LF	GX1595 v1 HF/LF
GAIN[1]		2.00 dB	0.00 dB	1.50 dB	2.00 dB	2.50 dB	0.50 dB	-0.50 dB	2.50 dB
DELAY		0.000 ms	0.000 ms	0.000 ms	0.000 ms	0.000 ms	0.000 ms	0.000 ms	0.000 ms
POLARITY		Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
HPF[2]	**Freq**	45 Hz	45 Hz	45 Hz	45 Hz	40 Hz	40 Hz	40 Hz	40 Hz
	Type	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
LPF	**Freq**	Out	Out	Out	Out	Out	Out	Out	Out
	Type								
PEQ 1	**Shape**	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
	Freq	63 Hz	60 Hz	63 Hz	63 Hz	50 Hz	61 Hz	63 Hz	133 Hz
	Gain	3.00 dB	4.50 dB	3.00 dB	2.00 dB	4.00 dB	2.00 dB	3.00 dB	-1.50 dB
	BW	0.650	0.830	0.800	0.800	0.510	0.500	0.600	1.400
PEQ 2	**Shape**	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
	Freq	137 Hz	145 Hz	137 Hz	137 Hz	106 Hz	290 Hz	290 Hz	473 Hz
	Gain	-2.50 dB	-1.50 dB	-2.00 dB	-2.00 dB	-3.00 dB	1.50 dB	3.00 dB	-1.50 dB
	BW	0.920	0.700	0.720	0.850	0.920	0.520	0.770	0.300
PEQ 3	**Shape**	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
	Freq	1,029 Hz	2,371 Hz	1,189 Hz	1,189 Hz	944 Hz	1,496 Hz	1,000 Hz	1,029 Hz
	Gain	-4.00 dB	3.00 dB	-6.50 dB	-4.50 dB	-6.50 dB	-3.00 dB	1.50 dB	4.00 dB
	BW	0.640	0.160	0.560	0.540	0.440	0.770	0.170	0.140
PEQ 4	**Shape**	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
	Freq	1,995 Hz	3,868 Hz	1,995 Hz	2,239 Hz	1,679 Hz	2,738 Hz	1,778 Hz	1,223 Hz
	Gain	-6.50 dB	-8.50 dB	-7.50 dB	-7.00 dB	-9.00 dB	-3.50 dB	-5.50 dB	-4.00 dB
	BW	0.190	0.470	0.190	0.820	0.180	0.440	0.280	0.170
PEQ 5	**Shape**	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
	Freq	2,512 Hz	5,623 Hz	3,868 Hz	4,097 Hz	1,884 Hz	4,217 Hz	2,239 Hz	1,830 Hz
	Gain	5.00 dB	-6.50 dB	-13.00 dB	-12.00 dB	3.00 dB	-9.50 dB	2.50 dB	-7.00 dB
	BW	0.150	0.430	0.530	0.340	0.230	0.280	0.230	0.200
PEQ 6	**Shape**	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
	Freq	4,097 Hz	8,175 Hz	6,494 Hz	7,718 Hz	3,981 Hz	7,718 Hz	4,467 Hz	4,340 Hz
	Gain	-12.50 dB	-10.50 dB	-5.50 dB	-9.00 dB	-14.00 dB	-9.00 dB	-11.00 dB	-14.50 dB
	BW	1.020	0.470	0.490	0.870	0.670	0.860	0.630	0.960

[1] Processor output gains assume all amplifier voltage gains (*not* input sensitivities) are equal.

[2] 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 Xilica XP & XD Processors

tq 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
GAIN[1]	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
DELAY	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
POLARITY	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
HPF[2] **Freq**	70 Hz	65 Hz	65 Hz	65 Hz	65 Hz	50 Hz	50 Hz	50 Hz	50 Hz	60 Hz
Type	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
LPF Freq	Out	Out	Out	Out	Out	Out	Out	Out	Out	Out
Type										
PEQ 1 Shape	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
Freq	122 Hz	89 Hz	84 Hz	92 Hz	84 Hz	60 Hz	63 Hz	61 Hz	63 Hz	77 Hz
Gain	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
BW	0.750	1.250	1.110	1.020	0.810	1.090	0.670	0.680	0.790	1.110
PEQ 2 Shape	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
Freq	316 Hz	1,122 Hz	613 Hz	1,334 Hz	516 Hz	1,454 Hz	335 Hz	398 Hz	487 Hz	944 Hz
Gain	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
BW	0.610	0.420	0.960	0.650	0.420	0.290	0.560	0.300	3.610	0.310
PEQ 3 Shape	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
Freq	1,884 Hz	1,995 Hz	1,155 Hz	2,738 Hz	1,189 Hz	2,175 Hz	794 Hz	1,000 Hz	1,334 Hz	1,830 Hz
Gain	-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
BW	0.220	0.220	0.180	0.500	0.420	0.190	3.070	0.160	0.200	0.240
PEQ 4 Shape	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
Freq	3,073 Hz	3,073 Hz	1,939 Hz	4,097 Hz	2,239 Hz	3,073 Hz	4,217 Hz	1,223 Hz	1,830 Hz	5,012 Hz
Gain	-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
BW	0.180	0.300	0.150	0.510	0.580	1.040	0.400	0.970	0.300	0.730
PEQ 5 Shape	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
Freq	4,732 Hz	4,597 Hz	4,097 Hz	7,079 Hz	4,340 Hz	4,467 Hz	7,499 Hz	1,830 Hz	4,467 Hz	9,173 Hz
Gain	-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
BW	0.810	0.430	0.480	0.270	0.540	0.190	0.470	0.200	1.220	0.190
PEQ 6 Shape	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
Freq	8,660 Hz	7,286 Hz	8,175 Hz	14,962 Hz	7,943 Hz	7,286 Hz	13,725 Hz	4,467 Hz	12,957 Hz	17,278 Hz
Gain	-6.00 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
BW	0.410	0.230	0.850	0.250	0.470	0.300	0.480	0.680	0.380	0.620

[1] Processor output gains assume all amplifier voltage gains (*not* input sensitivities) are equal.

[2] 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 Xilica XP & XD Processors

tq install		DX1226 v1		DX1226 ROT v1 [3]		DX1226fp v1	DX1265 v5		DX1265 ROT v5 [3]		DX1265fp v1
		LF	HF/LF	LF	HF/LF	HF/LF	LF	HF/LF	LF	HF/LF	HF/LF
GAIN [1]		-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	
DELAY		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	
POLARITY		Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	
HPF [2]	**Freq**	45 Hz	45 Hz	45 Hz	45 Hz	45 Hz	45 Hz	45 Hz	45 Hz	45 Hz	*Coming soon*
	Type	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	L-R 24	L-R 24	
LPF	**Freq**	670 Hz	Out	422 Hz	Out	Out	816 Hz	Out	816 Hz	>32k0 Hz	
	Type	24 dB Bessel		24 dB Btrwth			24 dB Bessel		24 dB Bessel	6 dB 1st Order	
PEQ 1	**Shape**	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	
	Freq	49 Hz	69 Hz	50 Hz	69 Hz	61 Hz	56 Hz	73 Hz	56 Hz	73 Hz	
	Gain	7.50 dB	4.50 dB	8.00 dB	4.50 dB	7.00 dB	6.50 dB	4.50 dB	6.50 dB	4.50 dB	
	BW	1.170	0.610	1.200	0.600	0.880	0.970	0.720	0.970	0.720	
PEQ 2	**Shape**	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	
	Freq	133 Hz	274 Hz	133 Hz	274 Hz	299 Hz	89 Hz	290 Hz	89 Hz	290 Hz	
	Gain	-1.00 dB	-4.00 dB	-1.00 dB	-3.50 dB	-2.00 dB	1.00 dB	-8.00 dB	1.00 dB	-8.00 dB	
	BW	1.000	1.380	1.000	1.080	2.200	0.920	2.230	0.920	2.230	
PEQ 3	**Shape**	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	
	Freq	398 Hz	2,371 Hz	398 Hz	2,512 Hz	1,939 Hz	410 Hz	1,939 Hz	410 Hz	1,939 Hz	
	Gain	-5.50 dB	-12.00 dB	-7.50 dB	-12.00 dB	-5.50 dB	-3.50 dB	-2.50 dB	-3.50 dB	-2.50 dB	
	BW	1.300	0.890	1.100	0.890	0.210	1.230	0.760	1.230	0.760	
PEQ 4	**Shape**		PEQ		PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	
	Freq		2,441 Hz		2,441 Hz	2,441 Hz	2,738 Hz	2,585 Hz	2,738 Hz	2,585 Hz	
	Gain		8.50 dB		8.50 dB	11.50 dB	-8.50 dB	5.00 dB	-8.50 dB	5.00 dB	
	BW		0.210		0.210	0.260	0.640	0.460	0.640	0.460	
PEQ 5	**Shape**		PEQ		PEQ	PEQ		PEQ		PEQ	
	Freq		4,097 Hz		4,097 Hz	2,661 Hz		3,758 Hz		3,758 Hz	
	Gain		-5.50 dB		-4.00 dB	-12.50 dB		-8.50 dB		-9.00 dB	
	BW		0.380		0.410	0.600		0.740		0.690	
PEQ 6	**Shape**		PEQ		PEQ	PEQ		PEQ		PEQ	
	Freq		7,286 Hz		7,286 Hz	4,732 Hz		8,175 Hz		8,175 Hz	
	Gain		-5.00 dB		-4.00 dB	-3.00 dB		-11.00 dB		-11.00 dB	
	BW		0.630		0.630	1.170		0.830		0.830	

[1] Processor output gains assume all amplifier voltage gains (*not* input sensitivities) are equal.

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

[3] Use when coax is rotated 90 degrees.

DX12 Series Level 2 Settings for Xilica XP & XD Processors

tq install		DX1277 v2		DX1277fp v1	DX1295 v6		DX1295 ROT v6 [3]		DX1295fp v1
		LF	HF/LF	HF/LF	LF	HF/LF	LF	HF/LF	HF/LF
GAIN [1]		-2.50 dB	0.00 dB		0.00 dB	1.50 dB	0.00 dB	1.50 dB	0.00 dB
DELAY		0.000 ms	0.333 ms		0.000 ms	0.354 ms	0.000 ms	0.646 ms	0.000 ms
POLARITY		Normal	Normal		Normal	Normal	Normal	Normal	Normal
HPF [2]	**Freq**	45 Hz	45 Hz	*Coming soon*	45 Hz	45 Hz	45 Hz	45 Hz	45 Hz
	Type	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
LPF	**Freq**	750 Hz	Out		835 Hz	Out	575 Hz	Out	Out
	Type	24 dB Bessel			24 dB Bessel		24 dB Bessel		
PEQ 1	**Shape**	PEQ	PEQ		PEQ	PEQ	PEQ	PEQ	PEQ
	Freq	60 Hz	65 Hz		50 Hz	73 Hz	50 Hz	73 Hz	61 Hz
	Gain	6.50 dB	6.50 dB		5.50 dB	4.50 dB	5.50 dB	4.50 dB	7.50 dB
	BW	1.130	0.900		1.120	0.720	1.120	0.720	0.880
PEQ 2	**Shape**	PEQ	PEQ		PEQ	PEQ	PEQ	PEQ	PEQ
	Freq	133 Hz	325 Hz		133 Hz	290 Hz	133 Hz	290 Hz	259 Hz
	Gain	-1.00 dB	-6.00 dB		-1.00 dB	-8.00 dB	-1.00 dB	-8.00 dB	-2.50 dB
	BW	1.000	2.580		0.920	2.130	0.920	2.130	3.000
PEQ 3	**Shape**	PEQ	PEQ		PEQ	PEQ	PEQ	PEQ	PEQ
	Freq	376 Hz	1,496 Hz		422 Hz	891 Hz	365 Hz	668 Hz	972 Hz
	Gain	-3.00 dB	-4.50 dB		-4.00 dB	4.00 dB	-3.00 dB	6.00 dB	6.50 dB
	BW	1.300	0.860		1.230	0.630	1.230	0.490	0.550
PEQ 4	**Shape**		PEQ		PEQ	PEQ	PEQ	PEQ	PEQ
	Freq		2,371 Hz		2,738 Hz	1,939 Hz	2,738 Hz	1,679 Hz	2,512 Hz
	Gain		3.00 dB		-8.50 dB	-7.00 dB	-8.50 dB	-6.50 dB	-7.50 dB
	BW		0.210		0.640	1.140	0.640	0.680	1.750
PEQ 5	**Shape**		PEQ			PEQ		PEQ	PEQ
	Freq		3,868 Hz			4,097 Hz		4,217 Hz	4,217 Hz
	Gain		-12.00 dB			-11.00 dB		-13.50 dB	-7.50 dB
	BW		0.910			0.440		0.550	0.210
PEQ 6	**Shape**		PEQ			PEQ		PEQ	PEQ
	Freq		10,593 Hz			8,175 Hz		8,175 Hz	7,499 Hz
	Gain		3.50 dB			-7.50 dB		-6.00 dB	-5.00 dB
	BW		0.430			0.710		0.610	2.800

[1] Processor output gains assume all amplifier voltage gains (*not* input sensitivities) are equal.
[2] Change the LF *and* HF/LF high pass filters to LR 24 dB/Oct, 80 to 125 Hz to cross over into a subwoofer.
[3] Use when coax is rotated 90 degrees.

DX15 Series Level 2 Settings for Xilica XP & XD Processors

EQ install		DX1526 v1		DX1526 ROT v1 [3]		DX1565 v5		DX1565 ROT v5 [3]	
		LF	HF/LF	LF	HF/LF	LF	HF/LF	LF	HF/LF
GAIN [1]		0.00 dB	0.50 dB	0.00 dB	0.50 dB	0.00 dB	-1.50 dB	0.00 dB	-1.50 dB
DELAY		0.000 ms	0.750 ms	0.000 ms	0.958 ms	0.000 ms	0.750 ms	0.000 ms	0.750 ms
POLARITY		Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
HPF [2]	**Freq**	38 Hz	38 Hz	38 Hz	38 Hz	38 Hz	38 Hz	38 Hz	38 Hz
	Type	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
LPF	**Freq**	597 Hz	Out	449 Hz	Out	595 Hz	Out	595 Hz	Out
	Type	24 dB Bessel		24 dB Bessel		24 dB Bessel		24 dB Bessel	
PEQ 1	**Shape**	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
	Freq	43 Hz	53 Hz	43 Hz	53 Hz	43 Hz	52 Hz	43 Hz	52 Hz
	Gain	6.50 dB	6.50 dB	6.50 dB	7.00 dB	6.50 dB	7.00 dB	6.50 dB	7.50 dB
	BW	1.070	0.920	1.070	0.950	1.060	0.790	1.060	0.700
PEQ 2	**Shape**	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
	Freq	126 Hz	188 Hz	126 Hz	163 Hz	168 Hz	163 Hz	141 Hz	154 Hz
	Gain	-1.00 dB	-9.50 dB	-1.00 dB	-8.00 dB	-1.00 dB	-6.50 dB	-1.00 dB	-6.50 dB
	BW	1.000	1.870	1.000	1.810	1.000	0.770	0.700	0.960
PEQ 3	**Shape**	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
	Freq	387 Hz	1,059 Hz	387 Hz	1,059 Hz	325 Hz	335 Hz	325 Hz	365 Hz
	Gain	-4.50 dB	-3.00 dB	-4.50 dB	-3.50 dB	-2.00 dB	-5.50 dB	-3.50 dB	-5.50 dB
	BW	0.750	0.270	0.750	0.160	1.270	1.050	1.070	1.210
PEQ 4	**Shape**	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
	Freq	1,778 Hz	1,585 Hz	1,778 Hz	1,585 Hz	1,334 Hz	2,239 Hz	1,334 Hz	1,728 Hz
	Gain	-4.00 dB	-10.00 dB	-4.00 dB	-10.00 dB	3.50 dB	-2.50 dB	3.50 dB	-2.50 dB
	BW	0.490	0.200	0.490	0.200	0.580	0.360	0.580	0.360
PEQ 5	**Shape**		PEQ		PEQ		PEQ		PEQ
	Freq		2,113 Hz		2,113 Hz		4,870 Hz		4,597 Hz
	Gain		6.00 dB		6.00 dB		-10.50 dB		-10.00 dB
	BW		0.310		0.310		0.520		0.520
PEQ 6	**Shape**		PEQ		PEQ		PEQ		PEQ
	Freq		3,758 Hz		3,758 Hz		8,175 Hz		8,175 Hz
	Gain		-12.00 dB		-12.00 dB		-8.50 dB		-8.50 dB
	BW		1.030		1.030		0.270		0.460

[1] Processor output gains assume all amplifier voltage gains (*not* input sensitivities) are equal.

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

[3] Use when coax is rotated 90 degrees.

DX15 Series Level 2 Settings for Xilica XP & XD Processors

EQ install		DX1577 v1		DX1595 v5		DX1595 ROT v5 [3]	
		LF	HF/LF	LF	HF/LF	LF	HF/LF
GAIN [1]		0.00 dB	-2.50 dB	-1.00 dB	0.00 dB	0.00 dB	0.00 dB
DELAY		0.000 ms	1.000 ms	0.000 ms	0.604 ms	0.000 ms	0.875 ms
POLARITY		Normal	Normal	Normal	Normal	Normal	Normal
HPF [2]	**Freq**	38 Hz	38 Hz	38 Hz	38 Hz	38 Hz	38 Hz
	Type	24 dB Link/Rly	24 dB Link/Rly	24 dB Link/Rly	24 dB Link/Rly	24 dB Link/Rly	24 dB Link/Rly
LPF	**Freq**	564 Hz	Out	581 Hz	Out	504 Hz	Out
	Type	24 dB Bessel		24 dB Bessel		24 dB Bessel	
PEQ 1	**Shape**	PEQ	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
	BW	1.070	0.930	1.020	0.700	1.220	0.750
PEQ 2	**Shape**	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
	Freq	126 Hz	194 Hz	133 Hz	188 Hz	145 Hz	188 Hz
	Gain	-1.00 dB	-7.50 dB	-0.50 dB	-10.00 dB	-1.50 dB	-9.00 dB
	BW	1.000	1.390	1.100	1.460	1.100	1.460
PEQ 3	**Shape**	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
	Freq	376 Hz	972 Hz	355 Hz	1,029 Hz	335 Hz	1,029 Hz
	Gain	-3.00 dB	3.00 dB	-2.50 dB	4.50 dB	-3.50 dB	4.50 dB
	BW	0.770	0.160	0.770	0.190	0.770	0.190
PEQ 4	**Shape**		PEQ	PEQ	PEQ	PEQ	PEQ
	Freq		1,296 Hz	1,334 Hz	1,830 Hz	1,334 Hz	1,830 Hz
	Gain		-3.50 dB	3.50 dB	-4.00 dB	3.50 dB	-4.00 dB
	BW		0.200	0.580	0.730	0.580	0.730
PEQ 5	**Shape**		PEQ		PEQ		PEQ
	Freq		1,778 Hz		4,217 Hz		4,217 Hz
	Gain		-9.50 dB		-11.50 dB		-11.50 dB
	BW		0.140		1.230		1.230
PEQ 6	**Shape**		PEQ		PEQ		PEQ
	Freq		4,467 Hz		15,399 Hz		15,399 Hz
	Gain		-9.00 dB		2.00 dB		2.00 dB
	BW		0.730		0.860		0.860

[1] Processor output gains assume all amplifier voltage gains (*not* input sensitivities) are equal.
[2] Change the LF *and* HF/LF high pass filters to LR 24 dB/Oct, 80 to 125 Hz to cross over into a subwoofer.
[3] Use when coax is rotated 90 degrees.

Prophile Series Level 2 Settings for Xilica XP & XD Processors

prophile™		P v4	S v5	M v6		L v2		XL v6 [CLUB] [3]		XL v7 [FLAT] [4]	
		HF/LF	HF/LF	LF	HF/LF	LF	HF/LF	LF	HF	LF	HF
GAIN[1]		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
DELAY		0.000 ms	0.000 ms	0.000 ms	0.541 ms	0.000 ms	0.854 ms	0.000 ms	4.979 ms	0.000 ms	4.979 ms
POLARITY		Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
HPF[2]	**Freq**	80 Hz	65 Hz	45 Hz	45 Hz	30 Hz	30 Hz	65 Hz	667 Hz	65 Hz	667 Hz
	Type	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 Besse;	24 dB Link/Rly	24 dB Bessel
LPF	**Freq**	Out	Out	670 Hz	Out	565 Hz	Out	1,500 Hz	Out	1,500 Hz	Out
	Type			24 dB Bessel		24 dB Bessel		24 dB Bessel		24 dB Bessel	
PEQ 1	**Shape**	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
	Freq	154 Hz	398 Hz	53 Hz	58 Hz	45 Hz	50 Hz	75 Hz	501 Hz	75 Hz	501 Hz
	Gain	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
	BW	1.200	0.880	0.820	1.220	2.620	1.090	0.660	0.280	0.520	0.290
PEQ 2	**Shape**	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
	Freq	335 Hz	891 Hz	84 Hz	158 Hz	141 Hz	112 Hz	183 Hz	917 Hz	183 Hz	917 Hz
	Gain	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
	BW	0.770	0.720	0.630	1.050	0.920	2.930	0.320	0.410	0.420	0.330
PEQ 3	**Shape**	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
	Freq	841 Hz	1,585 Hz	355 Hz	434 Hz	460 Hz	729 Hz	244 Hz	1,296 Hz	282 Hz	1,296 Hz
	Gain	-6.00 dB	-6.50 dB	-1.00 dB	-3.50 dB	-6.50 dB	3.50 dB	-5.00 dB	-2.50 dB	-5.50 dB	-2.50 dB
	BW	0.500	0.540	2.300	0.500	1.030	0.460	1.030	0.910	0.930	0.860
PEQ 4	**Shape**	PEQ	PEQ	PEQ	PEQ		PEQ	PEQ	PEQ	PEQ	PEQ
	Freq	1,884 Hz	4,732 Hz	487 Hz	818 Hz		1,059 Hz	460 Hz	4,340 Hz	447 Hz	4,340 Hz
	Gain	-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
	BW	0.580	0.170	0.630	0.240		0.230	0.440	2.750	0.400	2.730
PEQ 5	**Shape**	PEQ	PEQ		PEQ		PEQ	PEQ	PEQ	PEQ	PEQ
	Freq	4,870 Hz	8,414 Hz		1,939 Hz		2,054 Hz	841 Hz	9,716 Hz	818 Hz	10,000 Hz
	Gain	-8.50 dB	-7.00 dB		-5.00 dB		-5.00 dB	6.00 dB	5.00 dB	6.50 dB	5.50 dB
	BW	0.260	0.630		0.730		0.300	0.380	0.290	0.530	0.300
PEQ 6	**Shape**	PEQ	PEQ		PEQ		PEQ	PEQ	PEQ	PEQ	PEQ
	Freq	8,414 Hz	16,788 Hz		5,309 Hz		5,957 Hz	2,371 Hz	17,278 Hz	2,371 Hz	17,278 Hz
	Gain	-9.00 dB	4.50 dB		-5.00 dB		-3.50 dB	-11.50 dB	10.50 dB	-11.50 dB	11.00 dB
	BW	0.580	0.560		2.000		0.630	0.260	0.420	0.280	0.430

[1] Processor output gains assume all amplifier voltage gains (*not* input sensitivities) are equal.

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

[3] "Club" tuning for EDM applications. Voicing is tilted down 1 dB per octave over the loudspeaker's operating range.

[4] "Flat" tuning for use in live sound reinforcement applications.

FA & TS Series Level 2 Settings for Xilica XP & XD Processors

faPORTABLE		FA28 v1 HF/LF	FA28-SM v1 [3] HF/LF	FA12 v2 HF/LF	FA12-SM v2 [3] HF/LF	FA15 v1 HF/LF	FA15-SM v1 [3] HF/LF	TS212 v1 VLF	TS215 v2 VLF	TS221 v1 VLF
GAIN [1]		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
DELAY		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
POLARITY		Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
HPF [2]	**Freq**	40 Hz	40 Hz	42 Hz	42 Hz	32 Hz	32 Hz	20 Hz	31 Hz	24 Hz
	Type	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
LPF [2]	**Freq**	Out	Out	Out	Out	Out	Out	100 Hz	100 Hz	100 Hz
	Type							24 dB Link/Rly	24 dB Link/Rly	24 dB Link/Rly
PEQ 1	**Shape**	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
	Freq	58 Hz	73 Hz	61 Hz	58 Hz	52 Hz	52 Hz	42 Hz	33 Hz	39 Hz
	Gain	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
	BW	1.170	0.980	1.490	1.940	1.220	0.980	0.410	1.920	1.020
PEQ 2	**Shape**	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
	Freq	1,029 Hz	516 Hz	750 Hz	794 Hz	1,778 Hz	387 Hz	65 Hz	37 Hz	150 Hz
	Gain	-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
	BW	3.610	0.290	0.640	0.580	0.410	0.600	1.220	0.270	0.870
PEQ 3	**Shape**	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	
	Freq	1,631 Hz	1,585 Hz	1,413 Hz	1,413 Hz	2,901 Hz	1,778 Hz	282 Hz	188 Hz	
	Gain	-2.50 dB	-2.00 dB	-4.50 dB	-4.50 dB	-2.50 dB	-7.00 dB	-9.50 dB	-3.50 dB	
	BW	0.350	1.090	2.280	2.280	0.400	0.330	1.220	1.270	
PEQ 4	**Shape**	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ			
	Freq	4,732 Hz	4,732 Hz	2,304 Hz	2,304 Hz	4,217 Hz	2,901 Hz			
	Gain	-11.50 dB	-9.50 dB	-1.00 dB	-1.50 dB	-11.00 dB	-2.50 dB			
	BW	0.710	0.650	0.420	0.420	0.490	0.420			
PEQ 5	**Shape**	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ			
	Freq	8,913 Hz	8,913 Hz	3,981 Hz	3,981 Hz	7,718 Hz	4,217 Hz			
	Gain	-6.50 dB	-6.00 dB	-10.50 dB	-10.50 dB	-5.00 dB	-11.50 dB			
	BW	0.350	0.320	0.530	0.480	0.640	0.520			
PEQ 6	**Shape**	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ			
	Freq	18,302 Hz	17,783 Hz	7,943 Hz	8,175 Hz	13,335 Hz	8,175 Hz			
	Gain	4.00 dB	6.00 dB	-5.50 dB	-7.00 dB	2.00 dB	-6.00 dB			
	BW	0.250	0.240	0.570	0.740	0.450	0.330			

[1] Processor output gains assume all amplifier voltage gains (*not* input sensitivities) are equal.

[2] The FA Series HPF and TS Series LPF may be varied from 80 to 125 Hz to suit application requirements.

[3] Use -SM settings when FA28, FA12, and FA15 are used in stage monitor application.

Cardioid Subwoofer Settings for Xilica XP & XD Processors

CARDIOID SUBWOOFERS		CS118 v1 VLF	CS121 v1 VLF
GAIN[1]		-1.00 dB	-1.50 dB
DELAY		0.000 ms	0.000 ms
POLARITY		Normal	Normal
HPF	**Freq**	28 Hz	28 Hz
	Type	24 dB Btrwrth	24 dB Btrwrth
LPF[2]	**Freq**	100 Hz	100 Hz
	Type	24 dB Link/Rly	24 dB Link/Rly
PEQ 1	**Shape**	PEQ	PEQ
	Freq	37 Hz	33 Hz
	Gain	8.00 dB	10.50 dB
	BW	0.710	0.610
PEQ 2	**Shape**	PEQ	
	Freq	73 Hz	
	Gain	-1.00 dB	
	BW	1.000	
PEQ 3	**Shape**		
	Freq		
	Gain		
	BW		
PEQ 4	**Shape**		
	Freq		
	Gain		
	BW		
PEQ 5	**Shape**		
	Freq		
	Gain		
	BW		
PEQ 6	**Shape**		
	Freq		
	Gain		
	BW		

[1] Processor output gains assume all amplifier voltage gains (*not* input sensitivities) are equal.
[2] The LPF may be varied from 80 to 125 Hz to suit application requirements.

Subwoofer Settings for Xilica XP & XD Processors

VLF Install		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
GAIN[1]		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
DELAY		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
POLARITY		Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
HPF	Freq	33 Hz	40 Hz	28 Hz	38 Hz	30 Hz	26 Hz	26 Hz	26 Hz	25 Hz
	Type	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
LPF[2]	Freq	100 Hz	100 Hz	100 Hz	100 Hz	100 Hz	100 Hz	100 Hz	100 Hz	100 Hz
	Type	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
PEQ 1	Shape	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ	PEQ
	Freq	43 Hz	69 Hz	39 Hz	42 Hz	71 Hz	37 Hz	31 Hz	33 Hz	28 Hz
	Gain	-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
	BW	0.830	1.140	1.070	0.850	1.100	1.390	1.000	1.390	0.830
PEQ 2	Shape	PEQ	PEQ	PEQ	PEQ	PEQ		PEQ		PEQ
	Freq	60 Hz	282 Hz	150 Hz	168 Hz	150 Hz		183 Hz		224 Hz
	Gain	2.00 dB	-8.00 dB	-4.00 dB	-3.50 dB	-4.00 dB		-4.50 dB		3.00 dB
	BW	0.600	1.340	0.710	0.860	1.220		1.400		0.440
PEQ 3	Shape	PEQ								
	Freq	94 Hz								
	Gain	1.50 dB								
	BW	0.580								
PEQ 4	Shape	Hi-Shelf								
	Freq	194 Hz								
	Gain	-7.00 dB								
	BW	2.400								
PEQ 5	Shape									
	Freq									
	Gain									
	BW									
PEQ 6	Shape									
	Freq									
	Gain									
	BW									

[1] Processor output gains assume all amplifier voltage gains (*not* input sensitivities) are equal.
[2] The LPF may be varied from 80 to 125 Hz to suit application requirements.