Renkus-Heinz DSP Settings
T Series
TX61 - 200w PGM @ 16 Ohms

BI-AMPLIFIED

		LF			HF		
RELATIVE GAIN		0 dB			-8.5 dB		
EQUALIZATION	**Freq (Hz)**	**Q / BW**	**Gain (dB)**	**Freq**	**Q / BW**	**Gain (dB)**
HPF	80	24 dB/oct	Butterworth	2500	24 dB/oct	Butterworth
LPF	1600	24 dB/oct	Butterworth	n/a	n/a	n/a
Filter 1	80	1.7 / 0.8	3	2700	2.4 / 0.6	-1
Filter 2	400	7.2 / 0.2	-2	4000	1.5 / 1	-8
Filter 3	900	1 / 1.5	-6	5500	3.6 / 0.4	2
Filter 4	1400	2.4 / 0.6	-6	8300	2.8 / 0.5	-6
Filter 5				18000	1.4 / 1	-3
Filter 6						
DELAY		0.54ms			0.00ms	
LIMITER SETTINGS	**Power**	**Voltage****		**Power**	**Voltage****	
AES	100w	40Vpk, 28.2Vrms		20w	17.8Vpk, 12.6Vrms	
PEAK	400w	80Vpk, 56.4Vrms		80w	35.8Vpk, 25.2Vrms	

**Use Vpk or Vrms depending on what your voltage meter will display.

FULL RANGE

		FR	
RELATIVE GAIN		0 dB	
EQUALIZATION	**Freq (Hz)**	**Q / BW**	**Gain (dB)**
HPF	80	24 dB/oct	Butterworth
LPF	n/a	n/a	n/a
Filter 1	80	2.4 / 0.6	6
Filter 2	485	1.4 / 1	-3
Filter 3	1025	4.8 / 0.3	-3
Filter 4	6000	0.9 / 1.5	-2
Filter 5			
Filter 6			
DELAY		0.54ms	
LIMITER SETTINGS	**Power**	**Voltage****	
AES	100w	40Vpk, 28.2Vrms	
PEAK	400w	80Vpk, 56.4Vrms	

**Use Vpk or Vrms depending on what your voltage meter will display.

Renkus-Heinz DSP Settings
T Series
TX62 - 400w PGM @ 8 Ohms

BI-AMPLIFIED

		LF			HF	
RELATIVE GAIN		0 dB			-5 dB	
EQUALIZATION	**Freq (Hz)**	**Q / BW**	**Gain (dB)**	**Freq**	**Q / BW**	**Gain (dB)**
HPF	80	24 dB/oct	Butterworth	2600	24 dB/oct	Butterworth
LPF	1500	24 dB/oct	Butterworth	n/a	n/a	n/a
Filter 1	80	2.4 / 0.6	3	1800	2.8 / 0.5	3
Filter 2	1100	0.9 / 1.5	-9	2700	3.6 / 0.4	-3
Filter 3				4200	1.8 / 0.8	-4.5
Filter 4				15000	7.2 / 0.2	5
Filter 5						
Filter 6						
DELAY		0.00ms			0.00ms	

LIMITER SETTINGS	**Power**	**Voltage****	**Power**	**Voltage****
AES	200w	40Vpk, 28.2Vrms	20w	17.8Vpk, 12.6Vrms
PEAK	800w	80Vpk, 56.4Vrms	80w	35.8Vpk, 25.2Vrms

**Use Vpk or Vrms depending on what your voltage meter will display.

FULL RANGE

		FR	
RELATIVE GAIN		0 dB	
EQUALIZATION	**Freq (Hz)**	**Q / BW**	**Gain (dB)**
HPF	80	24 dB/oct	Butterworth
LPF	n/a	n/a	n/a
Filter 1	80	2.4 / 0.6	6
Filter 2	275	1.2 / 1.2	-4
Filter 3	2500	2.4 / 0.6	-6
Filter 4	4500	0.7 / 2	9
Filter 5	4800	2.9 / 0.5	-6
Filter 6	8000	2.9 / 0.5	-4
DELAY		0.54ms	

LIMITER SETTINGS	**Power**	**Voltage****
AES	200w	40Vpk, 28.2Vrms
PEAK	800w	80Vpk, 56.4Vrms

**Use Vpk or Vrms depending on what your voltage meter will display.

Renkus-Heinz DSP Settings

T Series

TX81 - 250w PGM @ 16 Ohms

BI-AMPLIFIED

		LF			HF	
RELATIVE GAIN		0 dB			-4 dB	
EQUALIZATION	**Freq (Hz)**	**Q / BW**	**Gain (dB)**	**Freq**	**Q / BW**	**Gain (dB)**
HPF	80	24 dB/oct	Butterworth	2600	24 dB/oct	Butterworth
LPF	1900	24 dB/oct	Butterworth	n/a	n/a	n/a
Filter 1	80	2.4 / 0.6	6	2000	2.8 / 0.5	1.5
Filter 2	140	2.0 / 0.7	-6	2700	2.8 / 0.5	-4
Filter 3	260	3.6 / 0.4	-2	3200	1.8 / 0.8	-2
Filter 4	410	2.4 / 0.6	-6	4400	0.9 / 1.5	-11
Filter 5	730	1.4 / 1	-6	5500	2.8 / 0.5	-3
Filter 6	1200	1.4 / 1	-6	900	4.8 / 0.3	-6
DELAY		0.00ms			0.00ms	

LIMITER SETTINGS	**Power**	**Voltage****	**Power**	**Voltage****
AES	125w	42.4 Vpk, 30.0Vrms	20	17.8Vpk, 12.6Vrms
PEAK	500w	84.8 Vpk 60.0 Vrms	80	35.8Vpk, 25.2Vrms

**Use Vpk or Vrms depending on what your voltage meter will display.

FULL RANGE

		FR	
RELATIVE GAIN		0 dB	
EQUALIZATION	**Freq (Hz)**	**Q / BW**	**Gain (dB)**
HPF	80	24 dB/oct	Butterworth
LPF	n/a	n/a	n/a
Filter 1	80	2.0 / 0.7	6
Filter 2	700	2.8 / 0.5	2
Filter 3	2500	2.8 / 0.5	-4
Filter 4	3000	0.7 / 2	4.5
Filter 5	5000	2.0 / 0.7	-8
Filter 6			
DELAY		0.5ms	

LIMITER SETTINGS	**Power**	**Voltage****
AES	125w	42.4 Vpk, 30.0Vrms
PEAK	500w	84.8 Vpk 60.0 Vrms

**Use Vpk or Vrms depending on what your voltage meter will display.

Renkus-Heinz DSP Settings

T Series

TX82 - 500w PGM @ 8 Ohms

BI-AMPLIFIED

		LF			HF		
RELATIVE GAIN		0 dB			-4 dB		
EQUALIZATION		**Freq (Hz)**	**Q / BW**	**Gain (dB)**	**Freq**	**Q / BW**	**Gain (dB)**
	HPF	60	24 dB/oct	Butterworth	2600	24 dB/oct	Butterworth
	LPF	1700	24 dB/oct	Butterworth	n/a	n/a	n/a
	Filter 1	80	1.4 / 1	3.0	2000	2.8 / 0.5	2.0
	Filter 2	550	1.4 / 1	-2.0	2600	3.6 / 0.4	-6.0
	Filter 3	910	0.9 / 1.5	-6.0	4500	0.9 / 1.5	-9.0
	Filter 4	1300	2.8 / 0.5	-1.0	5300	3.6 / 0.4	-6.0
	Filter 5				7300	2.8 / 0.5	3.0
	Filter 6						
DELAY			0.00ms			0.00ms	

LIMITER SETTINGS	**Power**	**Voltage****	**Power**	**Voltage****
	AES 250w	43.6 Vpk, 30.9 Vrms	20	17.8Vpk, 12.6Vrms
	PEAK 1000w	87.2 Vpk, 61.8 Vrms	80	35.8Vpk, 25.2Vrms

**Use Vpk or Vrms depending on what your voltage meter will display.

FULL RANGE

		FR	
RELATIVE GAIN		0 dB	
EQUALIZATION	**Freq (Hz)**	**Q / BW**	**Gain (dB)**
HPF	60	24 dB/oct	Butterworth
LPF	n/a	n/a	n/a
Filter 1	80	1.4 / 1	5.0
Filter 2	225	1.4 / 1	-4.0
Filter 3	2500	4.8 / 0.3	-4.0
Filter 4	3000	0.9 / 1.5	5.0
Filter 5			
Filter 6			
DELAY		0.50ms	

LIMITER SETTINGS	**Power**	**Voltage****
	AES 250w	43.6 Vpk, 30.9 Vrms
	PEAK 1000w	87.2 Vpk, 61.8 Vrms

**Use Vpk or Vrms depending on what your voltage meter will display.

Renkus-Heinz DSP Settings
T Series
TX121 - 700w PGM @ 8 Ohms

BI-AMPLIFIED

		LF			HF	
RELATIVE GAIN		0 dB			-8 dB	
EQUALIZATION	**Freq (Hz)**	**Q / BW**	**Gain (dB)**	**Freq**	**Q / BW**	**Gain**
HPF	55	24 dB/oct	Butterworth	2600	24 dB/oct	Butterworth
LPF	1400	24 dB/oct	Butterworth	n/a	n/a	n/a
Filter 1	55	2.8 / 0.5	6.0	2000	1.4 / 1	6.0
Filter 2	110	1.4 / 1	-4.0	2800	7.2 / 0.2	-3.0
Filter 3	280	2.8 / 0.5	-3.0	3000	1.4 / 1	-4.5
Filter 4	400	2.8 / 0.5	-4.0	3700	0.9 / 1.5	-9.0
Filter 5	640	3.6 / 0.4	-3.0	8000	1.8 / 0.8	-3.0
Filter 6	800	1.4 / 1	-6.0	15000	1.4 / 1	3.0
DELAY		0.20 ms			0.00ms	
LIMITER SETTINGS	**Power**	**Voltage****		**Power**	**Voltage****	
AES	350w	48.4 Vpk, 34.2 Vrms		60w	21.9 Vpk, 15.4 Vrms	
PEAK	1400w	96.8 Vpk, 68.4 Vrms		240w	43.8 Vpk, 30.9 Vrms	

**Use Vpk or Vrms depending on what your voltage meter will display.

FULL RANGE

		FR	
RELATIVE GAIN		0 dB	
EQUALIZATION	**Freq (Hz)**	**Q / BW**	**Gain (dB)**
HPF	55	24 dB/oct	Butterworth
LPF	n/a	n/a	n/a
Filter 1	55	2.8 / 0.5	6.0
Filter 2	175	1.4 / 1	-2.5
Filter 3	675	3.6 / 0.4	-2.0
Filter 4	10225	0.9 / 1.5	-4.0
Filter 5			
Filter 6			
DELAY		0.1 ms	
LIMITER SETTINGS	**Power**	**Voltage****	
AES	350w	48.4 Vpk, 34.2 Vrms	
PEAK	1400w	96.8 Vpk, 68.4 Vrms	

**Use Vpk or Vrms depending on what your voltage meter will display.

Renkus-Heinz DSP Settings
T Series
TX151 - 700w PGM @ 8 Ohms

BI-AMPLIFIED

		LF			HF	
RELATIVE GAIN		0 dB			-6 dB	
EQUALIZATION	**Freq (Hz)**	**Q / BW**	**Gain (dB)**	**Freq**	**Q / BW**	**Gain**
HPF	50	24 dB/oct	Butterworth	2600	24 dB/oct	Butterworth
LPF	1500	24 dB/oct	Butterworth	n/a	n/a	n/a
Filter 1	50	2.4 / 0.6	6.0	2800	1.4 / 1	-2.0
Filter 2	115	1.4 / 1	-3.0	3500	1.4 / 1	-8.0
Filter 3	520	3.6 / 0.4	-1.5	6500	2.4 / 0.6	-3.5
Filter 4	700	0.9 / 1.5	-4.0	10000	1.4 / 1	-4.0
Filter 5	1200	7.2 / 0.2	-3.0			
Filter 6	1500	2.8 / 0.5	3.0			
DELAY		0.40 ms			0.00ms	

LIMITER SETTINGS	**Power**	**Voltage**	**Power**	**Voltage**
AES	350w	48.4 Vpk, 34.2 Vrms	60w	21.9 Vpk, 15.4 Vrms
PEAK	1400w	96.8 Vpk, 68.4 Vrms	240w	43.8 Vpk, 30.9 Vrms

**Use Vpk or Vrms depending on what your voltage meter will display.

FULL RANGE

		FR	
RELATIVE GAIN		0 dB	
EQUALIZATION	**Freq (Hz)**	**Q / BW**	**Gain (dB)**
HPF	50	24 dB/oct	Butterworth
LPF	n/a	n/a	n/a
Filter 1	50	2.0 / 0.7	6.0
Filter 2	175	3.6 / 0.4	-3.0
Filter 3	570	4.8 / 0.3	-3.0
Filter 4	5000	3.6 / 0.4	3.0
Filter 5	15000	2.0 / 0.7	-4.0
Filter 6			
DELAY		0.00	

LIMITER SETTINGS	**Power**	**Voltage**
AES	350w	48.4 Vpk, 34.2 Vrms
PEAK	1400w	96.8 Vpk, 68.4 Vrms

**Use Vpk or Vrms depending on what your voltage meter will display.

Renkus-Heinz DSP Settings

T Series

TX112S - 500w PGM @ 8 Ohms

SUBWOOFER

			LF	
RELATIVE GAIN			0 dB	
EQUALIZATION		**Freq (Hz)**	**Q / BW**	**Gain (dB)**
	HPF	45	24 dB/oct	Butterworth
	LPF	110	24 dB/oct	Butterworth
	Filter 1	45	2.8 / 0.5	3.0
	Filter 2	60	4.8 / 0.3	-3.0
	Filter 3	110	1.8 / 0.8	-4.5
	Filter 4			
	Filter 5			
	Filter 6			
DELAY			0.00 ms	
LIMITER SETTINGS		**Power**	**Voltage**	
	AES	250w	44.7 Vpk, 31.6 Vrms	
	PEAK	1000w	89.4 Vpk, 63.2 Vrms	

**Use Vpk or Vrms depending on what your voltage meter will display.

Renkus-Heinz DSP Settings

T Series

TX118S - 900w PGM @ 8 Ohms

SUBWOOFER

			LF	
RELATIVE GAIN			0 dB	
EQUALIZATION		**Freq (Hz)**	**Q / BW**	**Gain (dB)**
	HPF	35	24 dB/oct	Butterworth
	LPF	100	24 dB/oct	Butterworth
	Filter 1	125	2.0 / 0.7	-3.0
	Filter 2			
	Filter 3			
	Filter 4			
	Filter 5			
	Filter 6			
DELAY			0.00 ms	
LIMITER SETTINGS		**Power**	**Voltage**	
	AES	450w	60 Vpk, 42.4 Vrms	
	PEAK	1800w	120 Vpk, 84.8 Vrms	

**Use Vpk or Vrms depending on what your voltage meter will display.