

Catalog
AMPLIFIERS & ACCESSORIES

2018



XOVER
STX104
CROSSOVER



STX104 NUMBER OF WAYS: **5**

ESPECIFICATIONS:

Via High:	High Pass 400Hz a 10KHz (12 dB/B ⁹) PHASE 0° ou 180°	Max. Output Voltage: 9V RMS Max. Input Voltage: 4V RMS Signal to Noise: >90dB Input Impedance: 10K OHMS Total Distortion Harmonic: < 0,02% THD Channel Separation: > 80dB
Via Mid High:	High Pass 150Hz a 5KHz (12 dB/B ⁹) Low Pass 600Hz a 12KHz (12 dB/B ⁹)	Frequency Response: 20Hz a 200KHz Supply Voltage: 10V a 16V DC Current Consumption: 0,25A Output Impedance: 50 OHMS
Via Mid Low:	High Pass 70Hz a 5KHz (12 dB/B ⁹) Low Pass 300Hz a 10KHz (12 dB/B ⁹)	Dimensão (A x L x C) mm: 33 x 160 x 264 Weight: 780g
Via Low:	Low Pass 45Hz a 300Hz (12 dB/B ⁹) Subsonic Filter FLAT/30/50/80Hz (24 dB/B ⁹) PHASE 0° e 180° (20Hz a 200Hz) Bass Boost (25Hz a 110Hz) (0 a +12dB; 60Hz)	

PROCESSOR
STX2448



See the video by QR CODE



▶ Input Channels	2	▶ Sweep:	Inicial Freq. and final 10Hz to 22KHz Level -60 to 0dB Speed control
▶ Output Channels	4	▶ Screen saver:	Editable text with 15 positions
▶ Graphic Equalizer	15 Bands, Gain ±12dB, 12 Equalization Presets	▶ Latency:	1,08ms
▶ Parametric Equalizer	Gain ±12dB	▶ Input Impedance:	10k Ohms
(1 Input + 1 per Output):	Q Factor 0,4 to 10,0	▶ Output Impedance:	47 Ohms
▶ Crossover with variable frequency:	Butterworth 12/18/24/36/48 dB/B ⁹ Linkwitz-Riley 12/18/24/36/48 dB/B ⁹	▶ Signal to Noise:	>90dB
▶ Routing between inputs and outputs:	A, B or A+B	▶ Total Harmonic Distortion:	<0,01%
▶ Delay:	0 to 8ms (275cm)	▶ Channel Separation:	>80dB
▶ Phase:	0° or 180°	▶ Frequency Response:	10Hz to 22,5KHz @ -1dB
▶ Limiter:	Threshold -24 to 0dB Automatic Attack/Release	▶ Max Input Voltage:	4,5 Vpp (+6,3 dBu)
▶ Output Gain:	-45 to +15dB	▶ Max Output Voltage:	4,5 Vpp (+6,3 dBu)
▶ Master Level:	0 to 100%	▶ Charging:	10V to 15V DC
▶ Memory positions Save / Load:	5 memory locations	▶ Current Consumption:	350mA @12,6V DC
▶ Security:	4-digit security password	▶ Dimensions (L x W x H) mm:	37x200x101 mm
▶ Audio Generator:	10Hz to 22KHz, Level -60 to 0dB	▶ Weight:	455g



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EX1200EQ

Min. Output Impedance:	1 Ohm	2 Ohms	4 Ohms
Channels:	1	1	1
Power @ 14.4V @ 1 Ohm:	1350 Watts	-	-
Power @ 14.4V @ 2 Ohms:	850 Watts	1400 Watts	-
Power @ 14.4V @ 4 Ohms:	-	900 Watts	1400 Watts
Power @ 14.4V @ 8 Ohms:	-	-	900 Watts
Power @ 12.6V @ 1 Ohm:	1200 Watts	-	-
Power @ 12.6V @ 2 Ohms:	730 Watts	1200 Watts	-
Power @ 12.6V @ 4 Ohms:	-	700 Watts	1200 Watts
Power @ 12.6V @ 8 Ohms:	-	-	650 Watts
Freq. Resp. (-3dB) @ 2 Ohms:	10Hz ~ 25KHz	10Hz ~ 25KHz	10Hz ~ 25KHz
Crossover Low Pass:	50Hz ~ 25KHz	50Hz ~ 25KHz	50Hz ~ 25KHz
Crossover High Pass:	10Hz ~ 700Hz	10Hz ~ 700Hz	10Hz ~ 700Hz
Over Clip (Power):	15%	15%	15%
Consumption (Music) (12,6V):	1 ~ 57 A	1 ~ 56 A	1 ~ 55 A
Consumption (BASS) (12,6V):	1 ~ 115 A	1 ~ 112 A	1 ~ 110 A
Dimensions (A x L x C):	64x260x170mm	64x260x170mm	64x260x170mm
Weight:	1,7Kg	1,7Kg	1,8Kg



EX3000EQ

Min. Output Impedance:	1 OHM	2 OHMS
Channels:	1	1
Power @ 14.4V @ 1 Ohm:	3550W	-
Power @ 14.4V @ 2 Ohms:	2400W	3600W
Power @ 14.4V @ 4 Ohms:	-	2400W
Power @ 12.6V @ 1 Ohm:	3000W	-
Power @ 12.6V @ 2 Ohms:	2100W	3000W
Power @ 12.6V @ 4 Ohms:	-	2100W
Freq. Resp. (-3dB) @ 2 Ohms:	10Hz ~ 25KHz	10Hz ~ 25KHz
Crossover Low Pass:	50Hz ~ 25KHz	50Hz ~ 25KHz
Crossover High Pass:	10Hz ~ 700Hz	10Hz ~ 700Hz
Consumption (Music) (12,6V):	2A ~ 140A	2A ~ 134A
Consumption (BASS) (12,6V):	2A ~ 280A	2A ~ 269A
Dimensions (A x L x C):	77x222x188	77x222x188
Weight:	2,4	2,5



EX5000EQ

Min. Output Impedance:	1 OHM	2 OHMS
Channels:	1	1
Power @ 14.4V @ 1 Ohm:	5600 WRMS	-
Power @ 14.4V @ 2 Ohms:	3400 WRMS	5500 WRMS
Power @ 14.4V @ 4 Ohms:	-	3550 WRMS
Power @ 12.6V @ 1 Ohm:	5000 WRMS	-
Power @ 12.6V @ 2 Ohms:	2800 WRMS	5000 WRMS
Power @ 12.6V @ 4 Ohms:	-	3050 WRMS
Freq. Resp. (-3dB) @ 2 Ohms:	10Hz ~ 15KHz	10Hz ~ 15KHz
Crossover Low Pass:	50Hz ~ 15KHz	50Hz ~ 15KHz
Crossover High Pass:	10Hz ~ 700Hz	10Hz ~ 700Hz
Over Clip (Power):	15%	15%
Consumption (Music) (12,6V):	4,1 ~ 245 A	3,1 ~ 240 A
Consumption (BASS) (12,6V):	4,1 ~ 490 A	3,1 ~ 480 A
Dimensions (A x L x C):	77x294x310 mm	77x294x310 mm
Weight:	4,1Kg	4,1Kg



EX8000EQ

Min. Output Impedance:	1 OHM	2 OHMS
Channels:	1	1
Power @ 14.4V @ 1 Ohm:	8900 WRMS	-
Power @ 14.4V @ 2 Ohms:	6000 WRMS	8950 WRMS
Power @ 14.4V @ 4 Ohms:	-	6050 WRMS
Power @ 12.6V @ 1 Ohm:	8000 WRMS	-
Power @ 12.6V @ 2 Ohms:	5100 WRMS	8000 WRMS
Power @ 12.6V @ 4 Ohms:	-	5000 WRMS
Freq. Resp. (-3dB) @ 2 Ohms:	10Hz à 15KHz	10Hz à 15KHz
Crossover Low Pass:	50Hz à 15KHz	50Hz à 15KHz
Crossover High Pass:	10Hz à 700Hz	10Hz à 700Hz
Over Clip (Power):	15%	15%
Consumption (Music) (12,6V):	5,3 ~ 396 A	5,2 ~ 396 A
Consumption (BASS) (12,6V):	5,3 ~ 750 A	5,2 ~ 790 A
Dimensions (A x L x C):	77x294x445mm	77x294x445mm
Weight:	6,3Kg	6,3Kg



EX10500EQ

Min. Output Impedance:	1 OHM	2 OHMS
Channels:	1	1
Power @ 14.4V @ 1 Ohm:	11600 WRMS	-
Power @ 14.4V @ 2 Ohms:	7300 WRMS	11600 WRMS
Power @ 14.4V @ 4 Ohms:	-	7500 WRMS
Power @ 12.6V @ 1 Ohm:	10500 WRMS	-
Power @ 12.6V @ 2 Ohms:	6400 WRMS	10500 WRMS
Power @ 12.6V @ 4 Ohms:	-	6200 WRMS
Freq. Resp. (-3dB) @ 2 Ohms:	10Hz ~ 15KHz	10Hz ~ 15KHz
Crossover Low Pass:	50Hz ~ 15KHz	50Hz ~ 15KHz
Crossover High Pass:	10Hz ~ 700Hz	10Hz ~ 700Hz
Over Clip (Power):	15%	15%
Consumption (Music) (12,6V):	6,7 ~ 495 A	6,1 ~ 495 A
Consumption (BASS) (12,6V):	6,7 ~ 990 A	6,1 ~ 990 A
Dimensions (A x L x C):	77x294x510mm	77x294x510
Weight:	7,5Kg	7,5Kg



EX13500EQ

Min. Output Impedance:	1 OHM
Channels:	1
Power @ 14.4V @ 1 Ohm:	14200W
Power @ 14.4V @ 2 Ohms:	10100W
Power @ 14.4V @ 4 Ohms:	6100W
Power @ 12.6V @ 1 Ohm:	13500W
Power @ 12.6V @ 2 Ohms:	9450W
Power @ 12.6V @ 4 Ohms:	5400W
Freq. Resp. (-3dB) @ 2 Ohms:	10Hz ~ 10KHz
Crossover Low Pass:	50Hz ~ 10KHz
Crossover High Pass:	10Hz ~ 700Hz
Over Clip (Power):	15%
Consumption (Music) (12,6V):	5,1 ~ 665A
Consumption (BASS) (12,6V):	5,1 ~ 1330A
Dimensions (A x L x C):	77x290x614mm
Weight:	9,6Kg



HL8000.4

Channels:	4/3/2
Power @ 13.8V STEREO 2 Ohms (RMS):	4 x 260W
Power @ 13.8V STEREO 4 Ohms (RMS):	4 x 165W
Power @ 13.8V BRIDGE 4 Ohms (RMS):	2 x 520W
Minimum Output Impedance STEREO:	2 OHMS
Minimum Output Impedance BRIDGE:	4 OHMS
Frequency Response(-3dB) @ 2 Ohms:	10 Hz ~ 26 KHz
Crossover Low Pass:	90 Hz
Crossover High Pass:	90 Hz
Bass Boost (Low Pass Fixo):	+12 dB
Musical Consumption (12,6V):	44 A
BASS Consumption (12,6V):	88 A



HL1200.4

Channels:	4/3/2	4/3/2
Power @ 13.8V STEREO 1 Ohm (RMS):	4 x 350W	-
Power @ 13.8V STEREO 2 Ohms (RMS):	4 x 250W	4 x 320W
Power @ 13.8V STEREO 4 Ohms (RMS):	-	4 x 170W
Power @ 13.8V BRIDGE 2 Ohms (RMS):	2 x 700W	-
Power @ 13.8V BRIDGE 4 Ohms (RMS):	-	2 x 640W
Minimum Output Impedance STEREO:	2 OHMS	1 OHMS
Minimum Output Impedance BRIDGE:	4 OHMS	2 OHMS
Frequency Response(-3dB) @ 2 Ohms:	10 Hz ~ 26 KHz	10 Hz ~ 26 KHz
Crossover Low Pass:	90 Hz	90 Hz
Crossover High Pass:	90 Hz	90 Hz
Bass Boost (Low Pass Fixo):	+12 dB	+12 dB
Musical Consumption (12,6V):	57 A	53 A
BASS Consumption (12,6V):	114 A	106 A



IR400.4

Channels:	4/3/2
Power @ 13.8V 2 Ohms Stereo:	4 x 100 WRMS
Power @ 13.8V 4 Ohms Bridge:	2 x 200 WRMS
Minimum Output Impedance (Stereo):	2 Ohms
Minimum Output Impedance (Bridge):	4 Ohms
Frequency Response (-3dB) @ 2 Ohms:	10Hz ~ 30KHz
Crossover Low Pass:	90Hz
Crossover High Pass:	90Hz
Consumption with musical signal:	16A
Consumption with sinusoidal signal:	32A



HL2000.4

Channels:	4/3/2
Power @ 13.8V STEREO 2 Ohms (RMS):	4 x 580W
Power @ 13.8V STEREO 4 Ohms (RMS):	4 x 364W
Power @ 13.8V BRIDGE 4 Ohms (RMS):	2 x 1160W
Minimum Output Impedance STEREO:	2 OHMS
Minimum Output Impedance BRIDGE:	4 OHMS
Frequency Response(-3dB) @ 2 Ohms:	19 Hz ~ 26 KHz
Crossover Low Pass:	90 Hz
Crossover High Pass:	90 Hz
Bass Boost (Low Pass Fixo):	+12 dB
Musical Consumption (12,6V):	96 A
BASS Consumption (12,6V):	192 A

