

**CREDITS (specifications)**

Number of channels	8
Frequency response	20 Hz - 20 kHz $\pm$ 1 dB
Total harmonic distortion	0.008%
Signal to Noise ratio (at full output)	113 dB
Maximum output level	6 Vrms
DSP	Dual Motorola 56303 Processors
Conversion resolution	24 Bits
Total DSP Calculation Power	160 MIPS
Internal sampling rate	48 kHz
Internal dynamic range	144 dB

**Graphic equalizer section**

Gain Range . . . . . All channels/Modes: +6dB, -15dB  
Number of EQ bands / Bandwidth:

**LCR channels**

2.1 and 2.2 modes . . . . . 30 bands One-third-octave  
5.1 mode . . . . . 28 bands One-third-octave  
5.2, 7.1, 7.1 Phantom modes . . . . . 15 bands Two-third-octave

**Subwoofer channels**

All modes . . . . . 8 bands One-sixth-octave plus 2 bands One-third-octave

**Fill channels**

2.1 and 2.2 modes . . . . . Not applicable  
5.1, 5.2, 7.1, 7.1 Phantom modes . . . . . 6 bands Custom-contoured

**Side channels**

2.1, 2.2, 5.1 and 5.2 modes . . . . . Not applicable  
7.1 and 7.1 Phantom modes . . . . . 6 bands Custom-contoured

---

**Parametric equalizer section**

Bands per channel . . . . . 2  
Gain Range . . . . . +6 dB, -15 dB  
Frequency Center . . . . . 20 Hz - 20 kHz  
Bandwidth . . . . . 0.05 - 3.00 Octave

**Audio filters**

Frequency adjustment range . . . . . 20 Hz - 1 kHz  
Slope . . . . . 12dB/oct Butterworth, 18dB/oct Butterworth,  
24dB/oct Linkwitz-Riley

**Compressors**

Response . . . . . Progressive Knee  
Threshold range . . . . . -30 dBu - +20 dBu  
Ratio range . . . . . 1:1 - 20:1  
Gain range . . . . . -20 dB - +8dB  
Attack time range . . . . . 0.05 mS - 200 mS  
Release time range . . . . . 5 mS - 2 Sec

**Limiters**

Threshold level . . . . . -20 dBu - +20 dBu  
Attack time range . . . . . 0.02 mS - 200 mS  
Release time range . . . . . 1 mS - 1 Sec

**Digital Delay**

Individual channel delay range . . . . . 0 mS - 340 mS  
Overall alignment delay range . . . . . 0 mS - 340 mS  
Delay adjustment resolution . . . . . 0.01 mS (1/8")

Power draw . . . . . 18 Watts  
Size 3.5"h x 15"d x 17"w (19"w with optional rackmounts)  
Weight . . . . . 18 lbs  
Country of origin . . . . . USA  
Y2K Compliant . . . . . Yes

---

## ***Epilogue***

©1999 AudioControl, AudioControl is a division of Electronic Engineering and Manufacturing, Inc.

All rights are reserved.

AudioControl is a registered trademark of Electronic Engineering and Manufacturing, Inc.

Dolby and AC-3 are registered trademarks of Dolby Laboratories.

THX is a registered trademark of Lucasfilm Ltd.

This manual was written, designed, and printed while fighting a life-and-death struggle with mutant jujubes and drinking a double-tall vanilla latté.



©1999, AudioControl, all rights reserved.

**AudioControl**®

22410 70th Avenue West  
Mountlake Terrace, WA 98043  
Phone 425-775-8461 • Fax 425-778-3166  
[www.audiocontrol.com](http://www.audiocontrol.com)





©1999, AudioControl, all rights reserved.

**AudioControl**®

22410 70th Avenue West  
Mountlake Terrace, WA 98043  
Phone 425-775-8461 • Fax 425-778-3166  
[www.audiocontrol.com](http://www.audiocontrol.com)