

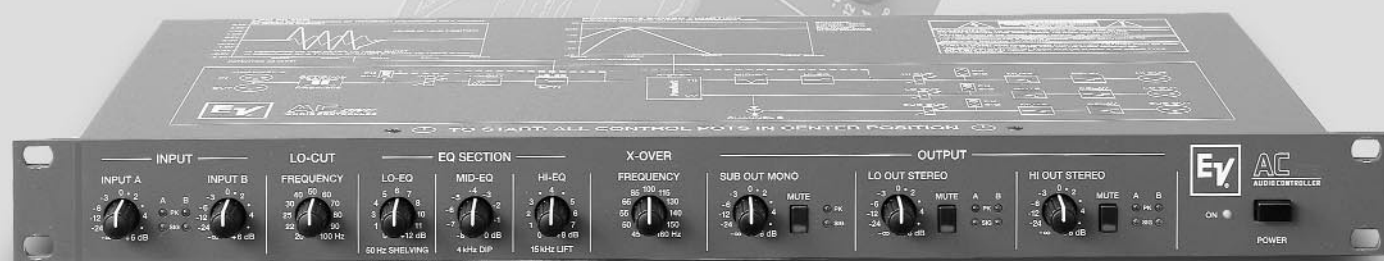


Step Up To  
ElectroVoice®

# AC ONE

## AUDIO CONTROLLER

### SYSTEM APPLICATIONS



AC ONE  
AUDIO CONTROLLER

## AC One Audio Controller--Patented Engineering for Optimized Performance

The AC One Audio Controller includes a newly designed crossover function (patent pending) that improves SPL around the crossover frequency. This makes it the ideal solution for systems with relatively small full-range speakers plus subwoofers. And best of all, you don't need an engineering degree. Just trust your ears and be impressed by the acoustical result.

The highest requirements of modern audio applications can be met only by using active multi-component loudspeaker systems that can be amplified separately and that reproduce the audio signal's individual frequency ranges. Active 2-way installations with additional subwoofer systems probably offer the best price/performance ratio. The subwoofers reproduce the low-frequency range of the audio signal, while high-quality, full-range cabinets take care of the mid/hi frequencies and vocals.

One essential advantage is that vocals are not divided between different speaker systems. This makes the sound system easier to adjust. Opposite-to-active 3- or 4-way configurations, difficult analysis, and measurement of sound fields become unnecessary.

Since low-frequency sound is nearly impossible to locate spatially, monaural subwoofers suffice for smaller stages or rooms. On wider stages, individual subwoofer systems must be used for each side. If they are not, the level differences between bass and treble audibly degrade the overall sound. Of course, adding a centrally located subwoofer can also improve the sound quality.

The AC One Audio Controller was designed for use in high-performance installations that employ active 2-way systems plus subwoofers. Such applications usually incorporate professional linear power amplifiers like the EV P1200, P2000, P3000, Force, Eliminator or the new P1201 and P1202. When a processor-controlled power amplifier like the EV P1250 is used, the processor section is simply switched off.

Installing and operating the AC One Controller is easy as can be. The user does not need to know any complex detail about crossover functions and equalization. All controls for matching the sound to different acoustic conditions and loudspeakers are located on the front panel. Difficult tasks—for instance, electronic signal routing and settings—are automatically carried out inside the controller. The PowerMax 12 crossover function makes optimal use of amplifier output power and loudspeaker transmission capacities. When compared to conventional crossovers or controllers, this results in improved overall sound quality achieved with less effort.

The AC One Audio Controller also works well in active 2-way instrument reinforcement applications for keyboards, electric bass, and drums. The PowerMax 12 crossover function eliminates the often-complained-about "lack of punch and definition" common to conventional active musical reinforcement systems.

The AC One Audio Controller's excellent dynamic range of more than 117dB, its extremely low noise level, and its outstanding price/performance ratio make it an excellent alternative to conventional crossover and controller solutions, even in the critical field of permanent installation.

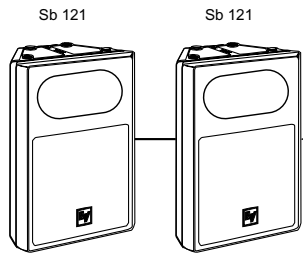
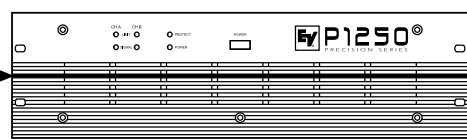
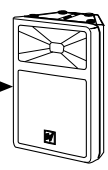
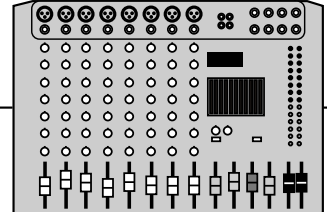
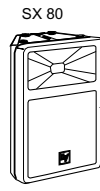
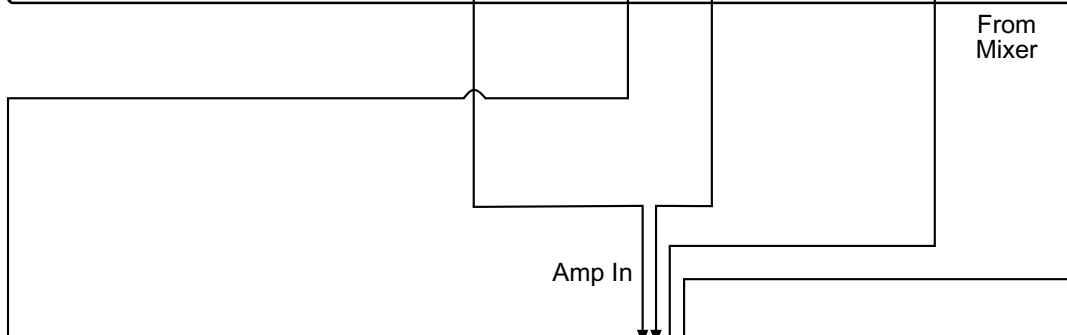
## Ultra compact PA System up to 100 - 150 people

0 dB	50 Hz	3 dB*	0 dB*	4 dB*	100 Hz	0 dB*	OFF	0 dB*	*adjust to personal taste

1770 090  
ELECTROVOICE  
ELECTRONIC MUSIC EQUIPMENT  
AC ONE  
MADE IN GERMANY  
PATENTED 3840351  
OTHER PATENTS PENDING

100V ~ 240V ~ 50-60Hz 17WATTS  
100V-120V ~ FUSE T160mA/250V  
220V-240V ~ FUSE T100mA/250V

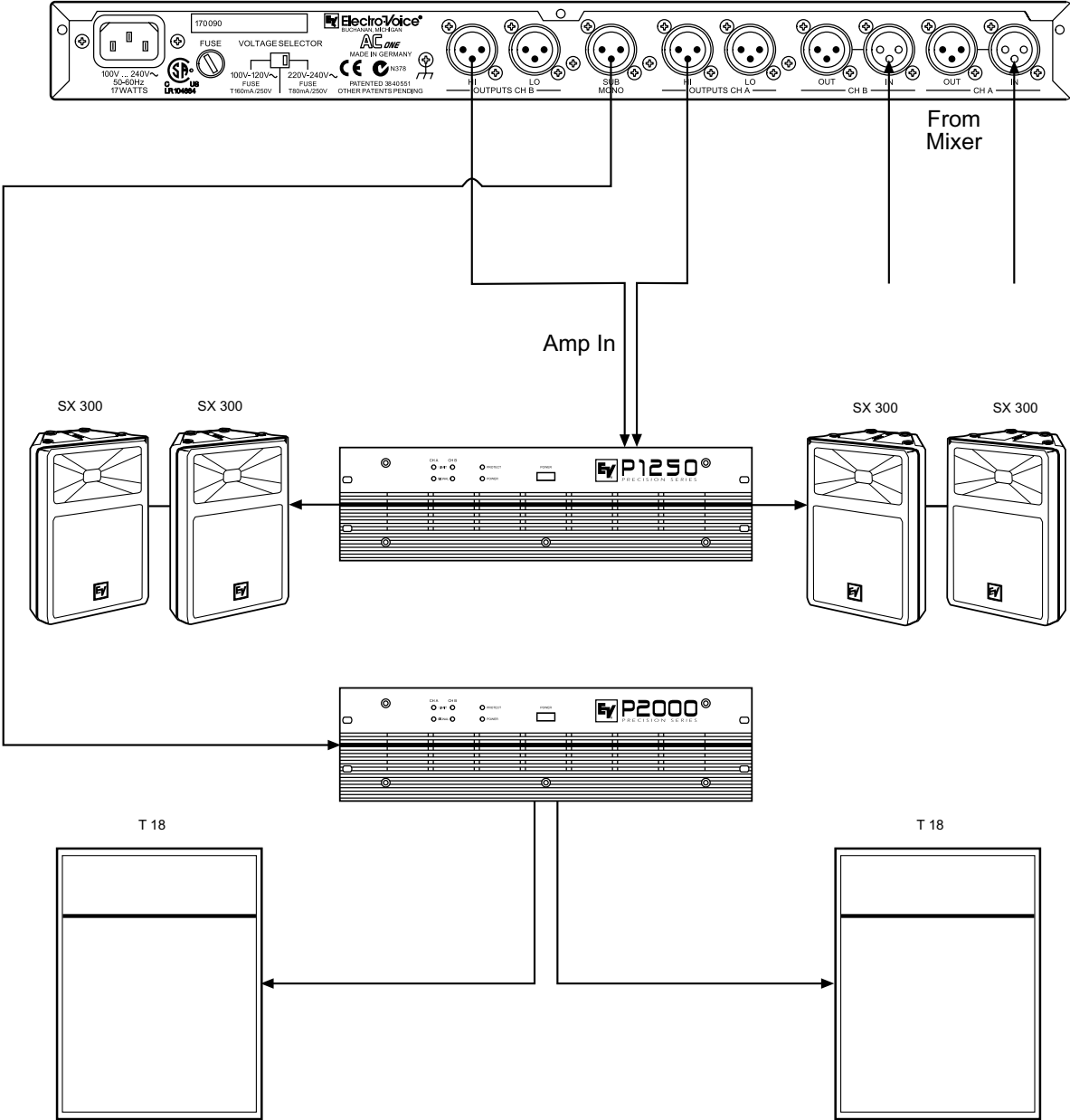
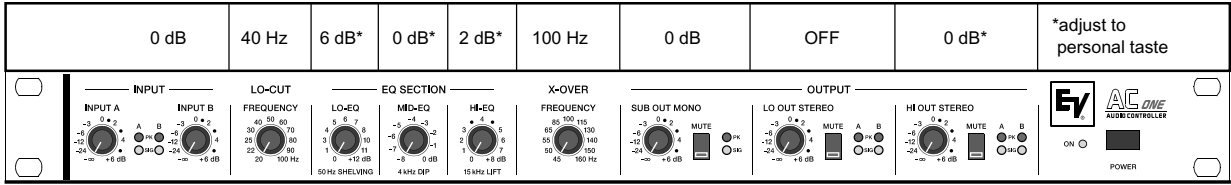
INPUT A INPUT B  
LO-CUT FREQUENCY  
EQ SECTION LO-EQ MID-EQ HI-EQ  
X-OVER FREQUENCY  
SUB OUT MONO  
OUTPUT LO OUT STEREO HI OUT STEREO  
ON POWER



Bridged Mono

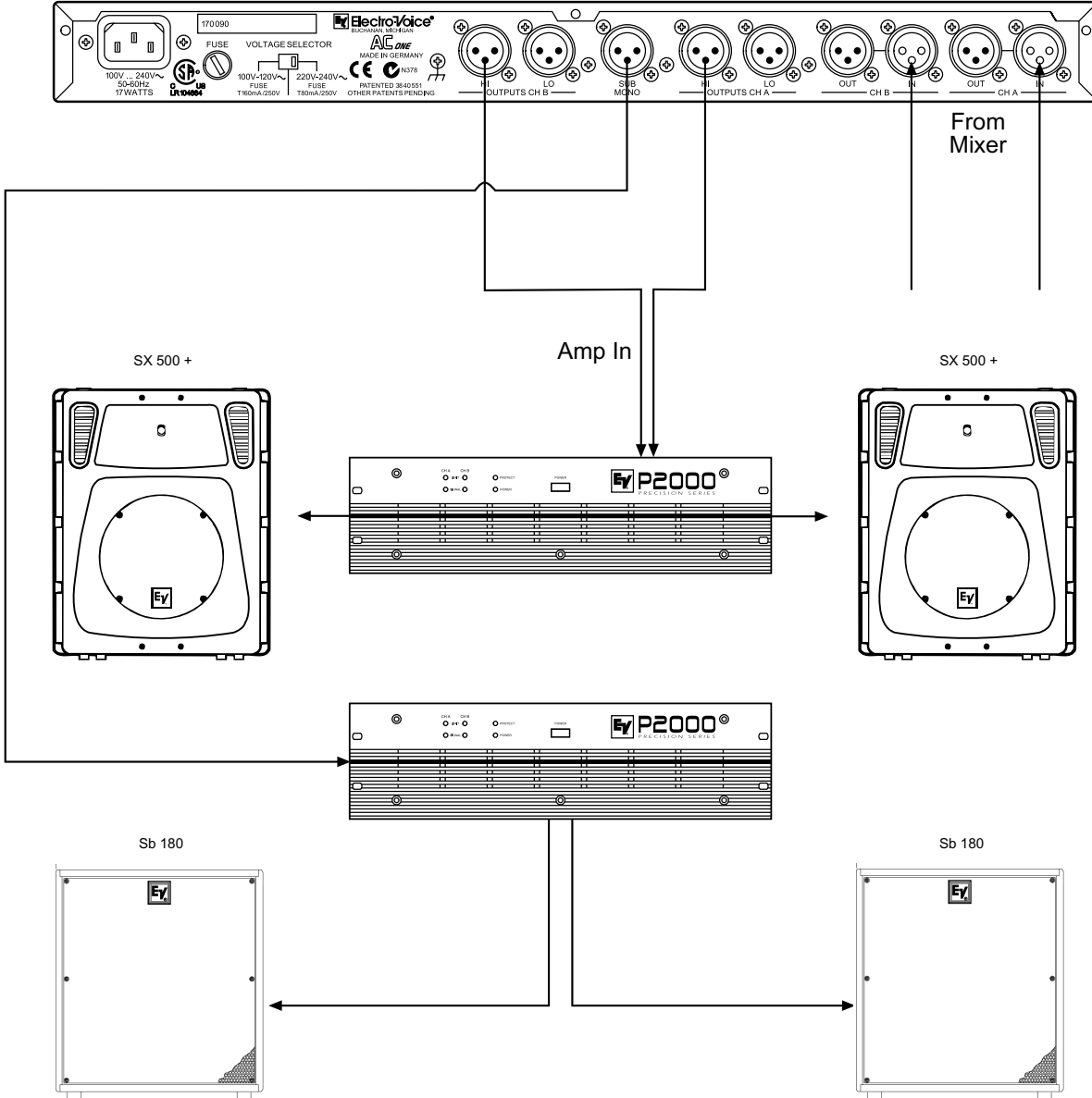
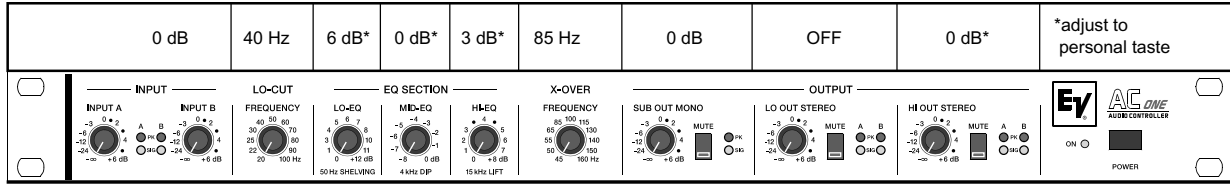
- 1 x AC One
- 2 x SX 80
- 2 x Sb 121
- 1 x P1250
- 1 x Psx600/Psx1000

## Small Club/Disco/Mobile DJ System up to 200 - 400 people



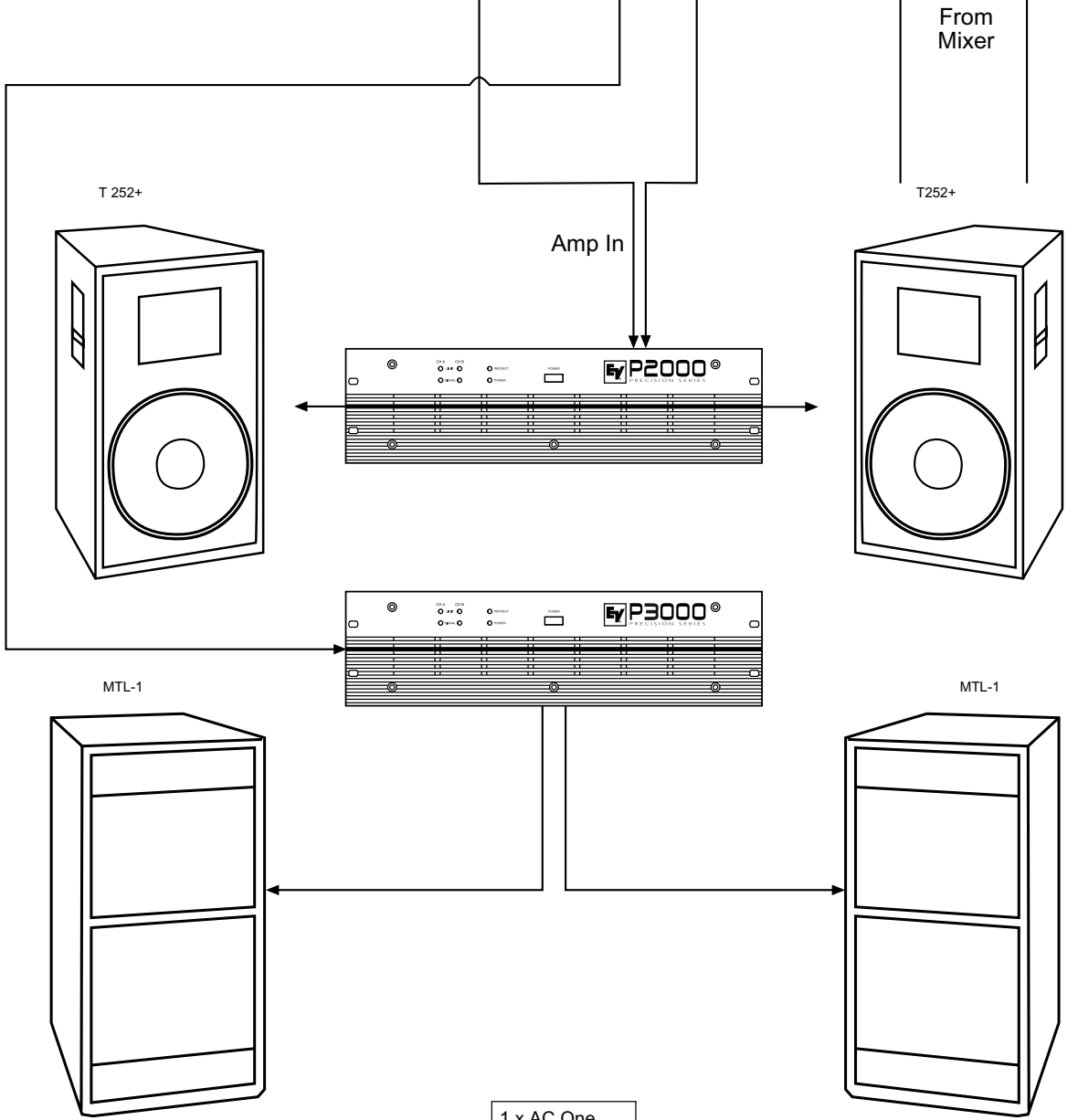
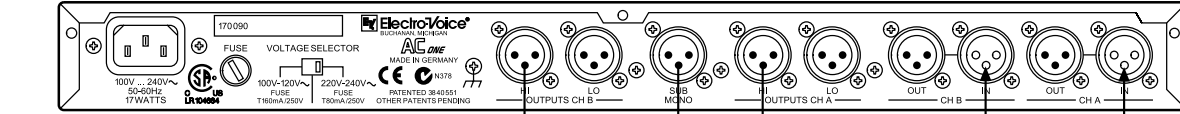
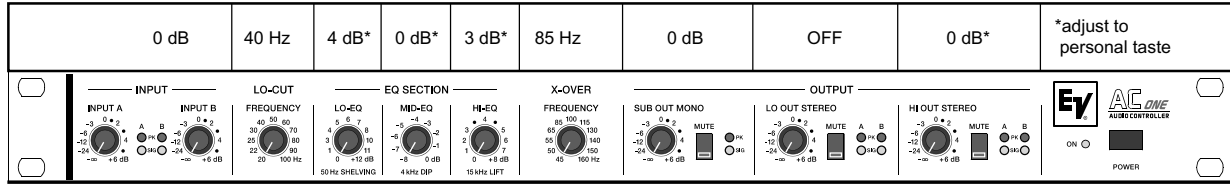
- 1 x AC One
- 4 x SX 300
- 2 x T 18
- 1 x P1250
- 1 x P2000

## Medium Club/Disco/Mobile DJ System up to 400 - 600 people



- 1 x AC One
- 2 x SX 500
- 2 x Sb 180
- 2 x P2000

## Medium Club/Disco/Mobile DJ System up to 400 - 600 people

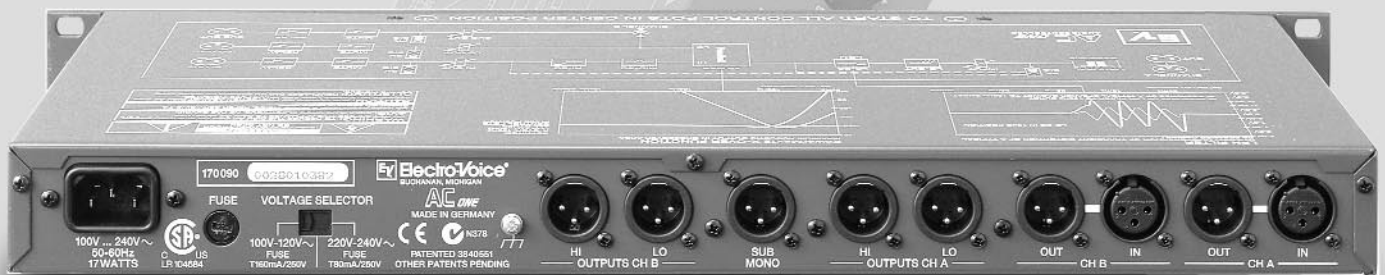


- 1 x AC One
- 2 x T 252+
- 2 x MTL-1
- 1 x P2000
- 1 x P3000

**NOTES:**

# AC ONE

## AUDIO CONTROLLER



**EV** Electro-Voice®

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**Canada** 705 Progress Avenue, Unit 46, Scarborough, Ontario, Canada, M1H2X1, Phone: 416-431-4975, 800-881-1685, FAX: 416-431-4588  
**Switzerland** Keltenstrasse 11, CH-2563 IPSACH, Switzerland, Phone: 41/32-331-6833, FAX: 41/32-331-1221  
**Germany** Hirschberger Ring 45, D94315, Straubing, Germany, Phone: 49 9421-706 0, Fax: 49 9421-706 287  
**France** Parc de Courcerin, Allee Lech Walesa, Lognes, 77185 Marne La Vallee, France, Phone: 33/1-6480-0090, FAX: 33/1-6480-4538  
**Australia** Unit 23, Block C, Slough Business Park, Slough Avenue, Silverwater, N.S.W. 2128, Australia, Phone: 61/2-9648-3455, FAX: 61/2-9648-5585  
**Hong Kong** Unit E & F, 21/F, Luk Hop Industrial Bldg., 8 Luk Hop St., San-PO Kong, Kowloon, Hong Kong, Phone: 852-2351-3628, FAX: 852-2351-3329  
**Japan** 2-5-60 Izumi, Suginami-ku, Tokyo, Japan 168, Phone: 81-3-3325-7900, FAX: 81-3-3325-7789  
**Singapore** 3015A Ubi Rd 1, 05-10, Kampong Ubi Industrial Estate, Singapore 408705, Phone: 65-746-8760, FAX: 65-746-1206  
**Mexico** Av. Parque Chapultepec #66-201, Col. El Parque Edo. Mex. 53390, Phone: (52) 5358-5434, FAX: (52) 5358-5588  
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**Latin America** 12000 Portland Ave South, Burnsville, MN 55337, Phone: 952-887-7491, FAX: 952-887-9212

**U.S.A. and Canada only.**

For customer orders, contact the Customer Service department at 800/392-3497 Fax: 800/955-6831

For warranty repair or service information, contact the Service Repair department at 800/685-2606

For technical assistance, contact Technical Support at 877/863-4166

Please refer to the Engineering Data Sheet for warranty information.

Specifications subject to change without notice.