

**MV 503**

**MV 506**

**MV 512**

# MV MIXING AMPLIFIERS

## SPECIFICATIONS

### Type:

MV 503/ MV 506 / MV 512:  
30 W / 60 W / 120 W mono desktop amp

### Power Handling Capacity:

MV 503: nominal: 30 W • maximal: 45 W  
MV 506: nominal: 60 W • maximal: 90 W  
MV 512: nominal: 120 W • maximal: 180 W

### Frequency Response:

50 - 15.000 Hz ( $\pm 3$ dB)

### Inputs/Sensitivity/Impedance:

INPUT 1: 6,3 mm phone / balanced  
Mic: 0,5 mV - 600  $\Omega$ ,  
Cable: 100 mV - 220 k $\Omega$   
INPUT 2-3 (Mic) : 3-pole XLR-type/  
0,5 mV - 600  $\Omega$  / balanced  
INPUT 4 : 1/4" phone / unbalanced  
Mic: 0,5 mV - 600  $\Omega$ ,  
Cable: 100 mV - 220 k $\Omega$   
INPUT 5 (Line) / RCA-stereo / unbalanced /  
100 mV - 220 k $\Omega$   
MAIN-IN : binding post / 1V - 10 k $\Omega$

### Speaker Outputs/ Volt:

MV 503: 25V - 70V - 100V (20  $\Omega$ , 170  $\Omega$ , 330  $\Omega$ )  
MV 506: 25V - 70V - 100V (10  $\Omega$ , 83  $\Omega$ , 170  $\Omega$ )  
MV 512: 25V - 70V - 100V (5  $\Omega$ , 42  $\Omega$ , 83  $\Omega$ )

### Additional Outputs/Voltage/Impedance:

PRE OUT / binding post / 1V - 10 k $\Omega$   
TAPE OUT / RCA-stereo / 650 mV - 4,7 k $\Omega$

### Sound Balance:

Bass:  $\pm 10$  dB - 100 Hz  
Treble:  $\pm 10$  dB - 10 kHz

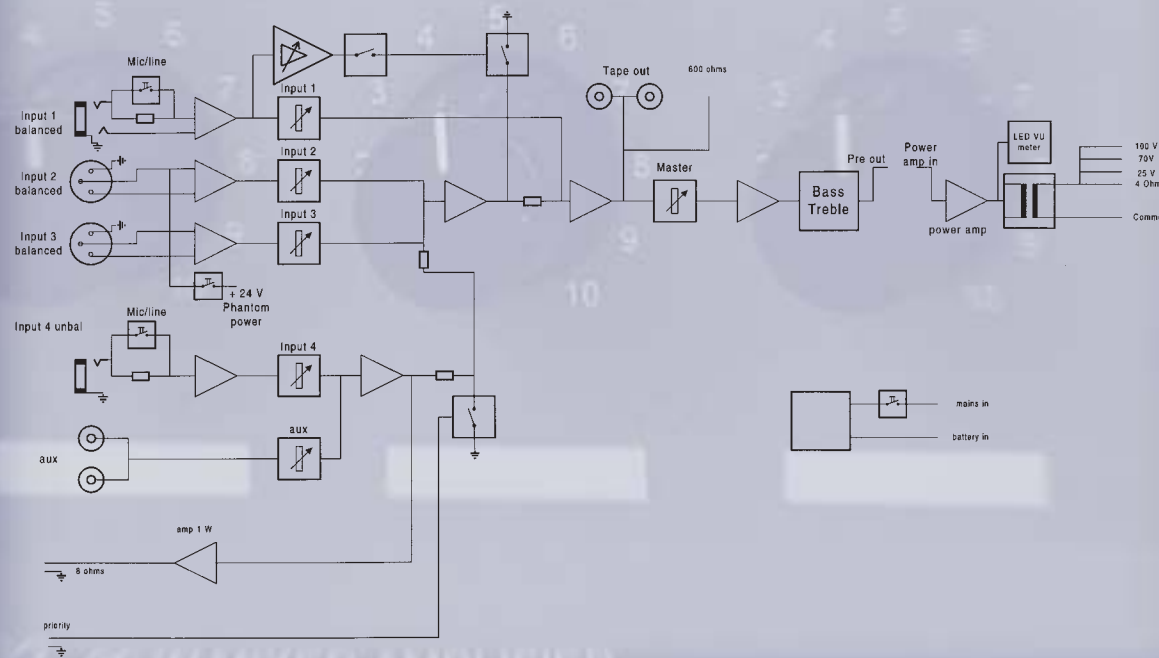
### Dimensions (W x H x D) mm:

420 x 88 x 280 mm

### Weight:

MV 503: 6,9 kg  
MV 506: 7,8 kg  
MV 512: 10,0 kg

## BLOCK DIAGRAM:



EVI Audio GmbH • 94315 Straubing • Hirschberger Ring 45  
Tel: 094 21 / 706 - 0 • Fax: 094 21 / 706 - 319 • Internet: <http://www.eviaudio.de>



## MV Mischverstärker





The MV 500 amplifier series consists of three desktop models that only differ in power handling capacity:

MV512 (120 W), MV506

(60 W) and the MV 503 (30 W). All inputs can be controlled and mixed individually while a master level control sets the overall volume and bass and treble controls are provided to match music and speech programs in accordance to your liking. The balanced input 1 and the unbalanced input 4 are carried out as 1/4" phone jacks. Input 1 is also provided with the voice priority function that lets you overrule the signals coming from all other inputs. The balanced inputs 2 and 3 feature XLR-type connectors and are meant for the connection of low-impedance microphones. To allow the use of condenser mics these two channels can be phantom powered. Additionally they also provide the opportunity to be used in priority mode. The RCA-type connectors of input 5 can be utilized to connect an AM/FM -Tuner, CD-Player or cassette deck. An insert point post pre-amplifier and pre power amplifier offers the possibility to include external equalization or feed the rpe-mixed audio signal to an additional power amplifier. The MV mixing amplifiers can be operated on mains or 24 V DC power supply (battery) and by using the optionally available 19" rack mount kit, incorporation into an existing rack system is very easy.

