

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 (±3dB)

### Inputs/Sensitivity/Impedance:

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

### Speaker Outputs/ Volt:

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

### Additional Outputs/Voltage/Impedance:

PRE OUT / binding post / 1V - 10 kΩ  
TAPE OUT / RCA-stereo / 650 mV - 4,7 kΩ

### Sound Balance:

Bass: ± 10 dB - 100 Hz  
Treble: ± 10 dB - 10 kHz

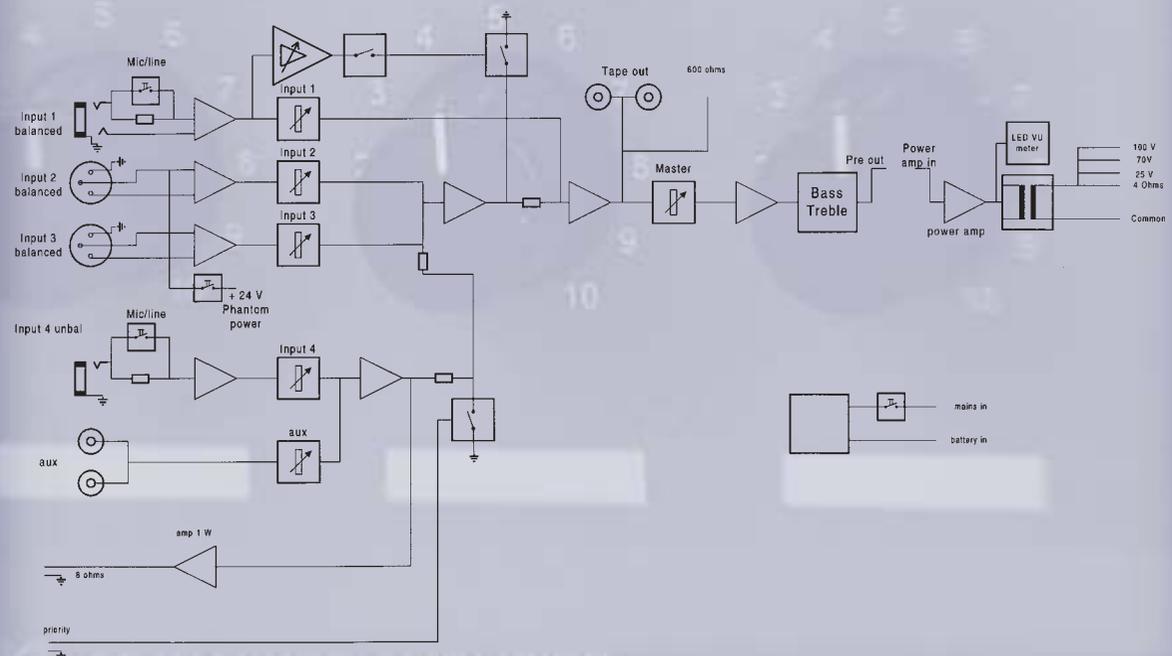
### Dimensions (W x H x D) mm:

420 x 88 x 280 mm

### Weight:

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

## BLOCK DIAGRAM:



## MV Mischverstärker



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MV MIXING AMPLIFIERS  
**DYNACORD®**

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.

