

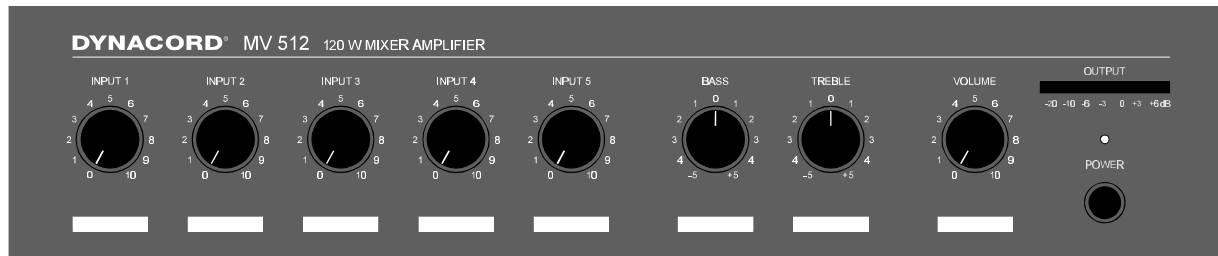
# DYNACORD®

## MIXER AMPLIFIER

**MV 503**

**MV 506**

**MV 512**



### Description:

- 1 balanced 6.3mm input jack, line / micro switchable sensitivity
- 2 balanced XLR microphone inputs, with excludable 24V dc phantom supply
- 1 unbalanced 6.3mm input jack, line / micro switchable sensitivity
- 1 stereo RCA input, line sensitivity
- 1 "PRE OUT" output
- 1 "TAPE OUT" output
- 1 "MAIN IN" input
- Input 1 priority on the other inputs with vocal activation
- Input 1, 2, 3 priority on the other inputs, activation with contact
- Outputs for speakers with constant impedance (4ohm) and constant voltage (25-70-100V)
- Treble, bass and volume controls
- Protection against short-circuiting between output terminals
- Vu-meter with LEDs
- Output for "Music on hold" function
- 115/230 V mains supply, switchable
- 24V battery power

## SPECIFICATIONS MV 503, MV 506, MV 512

<b>Typ</b>	30W - Mono - Tabletop (MV 503) 60W - Mono - Tabletop (MV 506) 120W - Mono - Tabletop (MV 512)
<b>Output power</b>	nominal: 30 W - maximal: 45 W (MV 503) nominal: 60 W - maximal: 90 W (MV 506) nominal: 120 W - maximal: 180 W (MV 512)
<b>Nominal power with supply at 24VDC</b>	25W (MV 503) 45W (MV 506) - 95W (MV 512)
<b>Frequency response</b>	50 - 15.000 Hz ( ± 3 dB)
<b>Harmonic distortion</b>	≤ 2% (1 kHz - nominal power)
<b>Signal/Noise Ratio</b>	INPUT 1– 5 Mikro: 3 45 dB Line: †3 45 dB MAIN-IN: 3 55 dB
<b>Inputs/Sensitivity - Impedance</b>	INPUT 1 / 6,3 mm- jack / balanced Mikro: 0,5 mV - 600 Ohm Line: 100 mV - 220 kOhm  INPUT 2-3 (Mikro) / XLR 3-pins/ 0,5 mV - 600 Ohm/ balanced  INPUT 4 / 6,3 mm- jack / unbalanced Mikro: 0,5 mV - 600 Ohm Line: 100 mV - 220 kOhm  INPUT 5 (Line) / RCA-Stereo / 100 mV - 220 kOhm / unbalanced  MAIN-IN / on terminal board / 1 V-10 kOhm
<b>Output for speakers / Ohm</b>	4 Ohm
<b>Output for speakers / Volt</b>	25V - 70V - 100V (20 Ohm, 170 Ohm, 330 Ohm) (MV 503) 25V - 70V - 100V (10 Ohm, 83 Ohm, 170 Ohm) (MV 506) 25V - 70V - 100V (5 Ohm, 42 Ohm, 83 Ohm) (MV 512)
<b>Additional outputs / Voltage-Imped.</b>	PRE-OUT / on terminal board/ 1V-10kOhm / unbalanced TAPE-OUT / RCA Stereo / 650 mV-4,7 kOhm / unbalanced
<b>Music on hold outputs</b>	Loudspeaker / Pow.- Imped.: 1 W - 8 Ohm Line 0 dB / Volt-Imped.: 775 mV-600 Ohm
<b>Tone controls</b>	bass: ± 10 dB - 100 Hz treble: ± 10 dB - 10 kHz
<b>Controls</b>	5 volume controls for " INPUT 1-5" 1 general volume control 1 treble control 1 bass control
<b>Power supply / Consumption</b>	115/230 Vac (±5%) - 50/60 Hz / 90 VA (MV 503) 115/230 Vac (±5%) - 50/60 Hz / 180 VA (MV 506) 115/230 Vac (±5%) - 50/60 Hz / 360 VA (MV 512)
<b>Direct current draw (24V)</b>	2,5 A (MV 503) 4,5 A (MV 506) - 8 A (MV 512)
<b>Dimensions (lxhwx)</b>	420x88x280 mm
<b>Weight</b>	6,9 kg (MV 503) / 7,8 kg (MV 506) / 10 kg (MV 512)