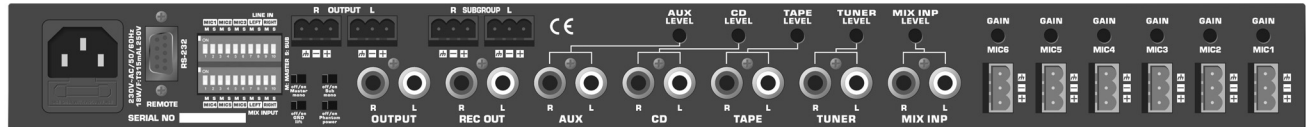


# MIX 10 NG2

10-Channel Stereo Mixing System



## FEATURES

- 6 microphone inputs:
  - electronically balanced
  - individually adjustable via software
  - with adjustable gain
  - with 3-pin terminals
- 4 stereo line inputs:
  - with input selection control
  - with separate volume control
  - with RCA / phono connection
  - master adjustable via software
- Mix input for external devices or extension (e.g. mixing console) with separate volume control
- Switchable phantom power (27 V)
- Outputs:
  - electronically balanced Master Stereo output with 3-pin terminals
  - adjustable via software
  - unbalanced Master Stereo output with RCA / phono connection
  - Record output microphone master (mono) with RCA / phono connection
  - electronically balanced Sub stereo output with 3-pin terminals
- Each input can be routed as Master and/or Sub
- RS 232 interface with 9-pin Sub D connection for external operation
- LEDs to indicate cable protection, power, audio level and peak
- Integrated power supply
- Rugged metal housing, 19"/1 U

## APPLICATIONS

The MIX 10 NG2 is a 10-channel stereo mixing system with 6 microphone and 4 line inputs. The signals can be split to a master and sub group output which results in a flexible adaptation for many different applications. As a standard, the system can remotely be controlled via the integrated RS 232 interface with the supplied software or an external media control system. Therefore, the MIX 10 NG2 10-channel-stereo-mixing-system is ideal for all sound contracting systems in conference rooms, hotels, catering, multipurpose halls, churches, town halls, sports stadia.

## VERSIONS

- MIX 10 NG2 10-channel stereo mixing system for 230 V . . . . . Order # 486.655
- MIX 10 NG2 same as above, but for 117 V . . . . . Order # 486.663

### Germany

beyerdynamic GmbH & Co. KG  
Theresienstr. 8 · 74072 Heilbronn – Germany  
Tel. +49 (0)71 31 / 6 17-0 · Fax +49 (0)71 31 / 617-224  
info@beyerdynamic.de · www.beyerdynamic.de

### United States

beyerdynamic Inc. USA  
56 Central Ave. · Farmingdale, NY 11735  
Tel. +1 (631) 293-3200 · Fax +1 (631) 293-3288  
salesUSA@beyerdynamic.com · www.beyerdynamic.com

### Great Britain

beyerdynamic U.K. Ltd.  
17 Albert Drive · Burgess Hill RH15 9TN  
Tel. +44 (0)1444 / 258 258 · Fax +44 (0)1444 / 258 444  
sales@beyerdynamic.co.uk · www.beyerdynamic.co.uk

## TECHNICAL SPECIFICATIONS

Frequency response . . . . . 22 - 22,000 Hz (-3 dB)  
 Gain . . . . . 0 dB - 56 dB  
 Distortion (THD) . . . . . 0.3% @ 1 kHz, 6 dBu Output,  
 max. gain  
 Signal-to-noise ratio . . . . . 93 dB @ 1 kHz, 15 dBu Output,  
 1% THD+N, max. gain

### Microphone inputs

Characteristics . . . . . electronically balanced  
 Input impedance . . . . . 600 Ω  
 Input level . . . . . max. 4 dBu @ 0.5% THD+N,  
 min. gain  
 Phantom power . . . . . 27 V, switchable  
 Connection . . . . . removable terminals per  
 input  
 Priority control . . . . . Ducking function on Mic 1 or  
 all mic inputs, -40 dB, can be  
 switched off internally

### Stereo line inputs

Characteristics . . . . . unbalanced  
 Input impedance . . . . . 7 kΩ  
 Connection . . . . . 2 x RCA (phono) per input

### Stereo mix input

Characteristics . . . . . unbalanced  
 Input impedance . . . . . 20 kΩ  
 Connection . . . . . 2 x RCA (phono)

### Equalisation

Bass . . . . . 40 Hz, ±12 dB  
 Treble . . . . . 13.5 kHz, ±12 dB

### Main outputs stereo

Characteristics . . . . . electronically balanced  
 Output impedance . . . . . 50 Ω  
 Output level . . . . . 6.9 V<sub>eff</sub> (+19 dBu)  
 Connection . . . . . 2 x 3-pin terminals

### Characteristics . . . . . unbalanced

Output impedance . . . . . 50 Ω  
 Output level . . . . . 3.45 V<sub>eff</sub> (+13 dBu)  
 Connection . . . . . 2 x RCA (phono)

### Sub output

Characteristics . . . . . electronically balanced  
 Output impedance . . . . . 50 Ω  
 Output level . . . . . 6.9 V<sub>eff</sub> (+19 dBu)  
 Connection . . . . . 2 x 3-pin terminals

### Record output (microphone master mono)

Characteristics . . . . . unbalanced  
 Output impedance . . . . . 50 Ω  
 Output level . . . . . 3.45 V<sub>eff</sub> (+13 dBu)  
 Connection . . . . . 2 x RCA (phono)

PC connection . . . . . RS 232

Mains voltage . . . . . 230 V AC  
 Dimensions . . . . . 19"/1 U Rack Unit (1.75")  
 H x W x D . . . . . 44 x 483 x 135 mm  
 Weight . . . . . 2.9 kg

## WIRING DIAGRAM

