



## General description/special features:

- Newly developed, high-performance CD player with state-of-the-art DA converter
- Offers a variety of inputs and outputs to ensure total flexibility and universality
- CD offers convenient front-panel slot loading
- CD text recognition and display of the title information in the display
- CD slot drive has been optimized to account for air turbulence and mechanical vibration
- Intersample Overload Protection to prevent from quality-degrading overloads during conversion
- Automatic shutdown of oscillators when not required for the currently selected input
- 3-stage jitter reduction
- Psycho-acoustically optimized digital and analog filters
- Group delay-optimized analog output filters
- 3 different digital filters can be selected (minimum phase / smooth transition, slow roll-off / linear phase)
- 4-path DA converter with soft transition between delta-sigma and multi-bit processing
- Fully-balanced signal path from the DA converter to XLR output
- iPhone / iPad as sources, the N31 bypasses their internal DA converter, using instead the high quality DA converter of the N31. Playback is then bit-true and jitter-free with up to 24 bit and 192 kHz or DSD64 processing
- Galvanic isolation of all digital inputs and outputs
- Optically-isolated USB inputs with its own power supply
- Resolution and sample rates up to 24 bit / 192 kHz and DSD64
- 5" color TFT display, 6 smart keys
- MBL SmartLink version 2.0, employed to network MBL devices with the exchange of status information
- Intelligent remote control concept for easy operation
- SD-card slot for easy firmware and display content update
- "Made in Germany" development and production made in MBL's own factory in Berlin

# N31 CD-DAC – Feature List



unique high end audio

## Inputs/Outputs:

- 5 digital inputs (Toslink, AES/EBU (XLR), S/P-DIF, USB audio class 1, USB audio class 2)
- 3 digital outputs (Toslink, AES/EBU (XLR), S/P-DIF)
- 2 analog outputs (1 x unbalanced (RCA), 1 x balanced (XLR))
- 2 MBL SmartLink connectors (RJ45)

## Maße

### Device:

- Width: 45,0 cm / 17.7 in
- Depth (w/o cables): 41,5 cm / 16.3 in
- Height: 15,0 cm / 5.9 in

### Packaging:

- Width: 58,0 cm / 22.8 in
- Depth: 52,0 cm / 20.5 in
- Height: 33,0 cm / 13.0 in

