

Burmester

PRODUCT INFORMATION

o89 CD PLAYER



TOP LINE

089 CD Player



The Top Line o89 Belt-Drive CD Player combines brand-new developments with distinguished technologies from our Reference Line products. The interplay between the Burmester-invented belt-drive, SRC-function to 96kHz/24bit or 192kHz/24bit with the according conversion, is regarded as benchmark technology internationally.

The belt-driven CD Player has the advantage of decoupling the laser from the drive motor. As a result, the readout of the CD is significantly higher, because it is not afflicted with electrical jitter. The belt-drive is located in a solid, low-resonance chamber.

Due to its two digital inputs and selectable volume control, the o89 CD Player has an additional preamplifier-function. The digital inputs allow the connection of further external sources. These sources can also benefit from the internal, improved D/A-converter (up to 192kHz/24 bit).

Music is reproduced at its utmost perfection. Like all Burmester components, the D/A converter is designed with balanced circuit technology. The subsequent filter stages and X-Amp2 output stages, are fully balanced without distorting capacitors in the signal path. For the use of the preamplifier function, the o89 CD Player is also equipped with an analog input for the connection of analog sources.

Like the o88 Preamplifier, the o89 CD Player uses X-Amp2 modules for the outputs. These modules, formerly only used in Burmester Reference Line products, are primarily responsible for the extraordinary sound that has been awarded with numerous reference titles in the past.

FEATURES

- Belt-drive guarantees ideal data sampling
- Drive unit capsuled in solid, low-resonance chamber
- Special drive unit construction results in warm, full-bodied sound
- Latest D/A-converting technology with selctable sample rate conversion to 96kHz/24bit or 192kHz/24bit for relaxing high-range reproduction (also for external digital sources)
- Balanced input and output terminals
- 2 digital inputs (S/P DIF standard up to 192kHz) for connection of further digital sources: 1x optical LWL, 1x cinch for 75Ohm coaxial cable
- 1 balanced analog input, XLR 3pol., for the connection of an analog source (e.g. FM Tuner), can be used for cinch via adapter
- Balanced processing of analog signal from D/A converter for higher dynamics
- Separation of supply voltage for analog and digital circuit parts minimizes influence of digital high frequency on analog output signal
- Additional filtering of supply voltage for analog circuit part for undistorted sound experience
- Fixed and variable output
- Analog volume control in 60 increments for direct connection to power amps (preamp-function)
- 1 balanced analog output, XLR 3pol.
- 1 unbalanced analog output, cinch
- 1 unbalanced analog TAPE output, cinch, for analog tape recordings
- Analog outputs equipped with X-Amp2 output modules
- Selectable output amplification of analog outputs for adjustment to connected equipment: fix (for connection to preamplifiers or integrated amplifiers) or volume selectable (for connection to power amplifiers or active loudspeakers)
- 2 digital outputs (S/P DIF standard) for digital recordings: 1x optical LWL, 1x cinch for 75Ohm coaxial cable
- MMI slot for future extensions (inputs and outputs of virtually any kind)
- SETUP-menu for individual adjustment of basic functions:
 - Automatic start after readout of CD can be selected
 - Output-amplification FIX or VARIABLE
 - Serial number can be read out in display
 - Information like status of drive unit incl. play, pause and stop can be read out in display
- Wake-Up volume can be programmed (in VARIABLE)
- Factory-provided settings can be restored at any time
- Brightness of display adjustable in 4 steps, display-off function
- Vibration-isolating feet with carbon fibre clips for ideal resonance decoupling
- Power controlling of other Burmester devices, Master/Slave via DC IN/OUT
- BURLINK for external control via RS-232 and USB
- Remote control 067 included

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● TECHNICAL SPECIFICATIONS

Weight	13 kg (28.7 lbs)
Width	482 mm (19")
Height	111.7 mm (4.4")
Depth	329 mm (13")
Drive	Belt-Drive, Top Loader
Digital inputs	1 RCA, 1 TOSLINK
Analog inputs	1 XLR
Digital outputs	1 RCA, 1 TOSLINK
Analog outputs	1 XLR, 2 RCA
MMI slot	yes
Preamp-function	yes
DAC usable for external sources	yes
Upsampling to 96 kHz/24 bit	yes
switchable to 192 kHz/24 bit	yes
Remote controlled	yes
BurLink	yes
Burmester X-Amp 2	yes
REMOTE INPUT / OUTPUT	1 / 1
Output impedance	130 Ω
Output voltage XLR/RCA	4V eff. / 2V eff.
Frequency Response	< 10 Hz - 48 kHz
Signal-to-noise ratio	> 110 dB
THD + N	< 0.001 %

