



111 Musiccenter

The 111 Musiccenter represents Burmester's high-end statement for a new era of digital music entertainment, uniquely combining maximum sound quality with an unparalleled diversity of functions. The unit's logical and intuitive operation guarantees untarnished listening enjoyment of the absolute highest level. The design of this product highlight incorporates new avantgarde elements but still retains the timeless form language and clear lines for which Burmester is famed.



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The Reference Line Musiccenter not only excels in its outstanding sound quality but also in its ability to process even very large volumes of data extremely quick. When a title is selected, it is available within a fraction of a second. The 111 Musiccenter can be controlled either via the apparatus, by means of a web browser, or via an iPad®, using the specially developed Burmester app. It is also possible to stream music via WLAN.

The 111 Musiccenter is a veritable all-round performer, whose capabilities go far beyond the functions of a mere server. Thanks to its fully functional preamplifier unit, it serves as the central element of your sound system. Music connoisseurs have as many as three analogue and six digital inputs at their

disposal, enabling them to connect a wide range of sound sources. The preamplifier section is galvanically isolated from the server section to prevent potential interference from the server unit affecting the analogue circuitry containing the integrated DA converter.

Like all Burmester preamplifiers, it consists of balanced circuitry with a fully DC-coupled signal path and no coupling capacitors getting in the way of the signal. The sophisticated analogue X-Amp 2 output stages obtain their signal from a Reference D/A converter section, guaranteeing a sound which is highly defined and musical.

An integrated slot drive is available to

allow users to rip their CD collection in optimum quality. Any album covers and title information not entered is automatically obtained by matching with the database.

Since audio CD drives only have a forward error correction (FEC) of a few seconds, it can happen that the data streams outputted by old or scratched CDs suffer from dropouts during playback. If no appropriate countermeasures are applied, this can seriously impair enjoyment of the music. However, when a CD is ripped (and not simply played back in real time) it is possible to read the audio data several times over if necessary, until the data is completely recovered. In this way, the Burmester

Musiccenter is able to process audio data in maximum resolution and quality and reconstruct a data stream free of the deficiencies described above. The high-resolution 7" display is borrowed from airplane construction – it was originally conceived as a display for use in an aircraft. This is our response to our customers' expectation of long service life and equipment availability. The unit can be operated directly using the rotary encoders designed especially by Burmester for the Musiccenter.

To ensure the safety of your valuable music files, the unit contains two mirrored hard drives (HDD), each with a capacity of at least 1 TB. The first drive is used for storing your music library while the second stores the

same information in parallel, to ensure that your files are secure, in the event that a hard drive becomes defective.

The system drive is a Solid State Disc (SSD). Optional SSD solutions are also being considered as future updates for the (HDD) data storage drives. Your data is also safe in the event of a power cut. The Musiccenter undergoes a controlled shutdown with the aid of an uninterruptible power supply (UPS), guaranteeing maximum protection of your stored music and ensuring system stability.

FEATURES

- 3 analog inputs (3 x XLR)
- 6 digital inputs (3 x RCA, 3 x TOSLINK)
- Min. 2 x 1 TB hard drive capacity for music data storage/data storage with two mirrored hard drives) configured in RAID 1
- SSD drive for system storage
- Supported audio formats: FLAC / wav / mp3 etc.
- Can be integrated in a network via LAN or can be operated in stand alone mode
- Sampling rate for D/A conversion can be selected from either 96 kHz/24 bit or 192 kHz/24 bit, according to personal preference
- High-resolution 7" display for good visibility
- UPnP server
- Integration of a Tidal® account*
- Integration of a Qobuz® account*
- Integration of HIGHRESAUDIO®*
- Support for continuously maintained list of Internet radio stations
- Local playlist management and playlist streaming on all clients
- Samba share for storing music to the Musiccenter, that has already been ripped
- Uninterruptible power supply (UPS)
- Customer specification of housing possible
- Secure and easy update of system software via imaged files
- Sudden jumps in volume of songs compiled in playlists are reduced by means of sophisticated analog circuitry, hence no dynamic compression or any other changes are made to the music
- Excellent network performance even if several clients are connected at the same time

FUNCTIONS

- CD Player
- Rip- and streaming functions
- Musicserver
- Export of playlists on a USB-stick
- Music playback from a USB stick
- Internetradio
- Comfortable control via Burmester iPad®-app (iPad® not included in delivery)



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REFERENCE LINE

* The use of the services of third parties (internet radio, provider for streaming solutions) with the 111 Musiccenter may be subject to the relevant provisions of that operator, including technical requirements (Internet connection, availability of service), which are beyond the control of Burmester Audiosysteme GmbH



TECHNICAL SPECIFICATIONS

Weight	27 kg (59.5 lbs)
Width	455 mm (18.5")
Height	199 mm (7.9")
Depth	408 mm (16.1")
Analog inputs	3 XLR
Digital inputs	3 RCA, 3 TOSLINK
Analog outputs	1 XLR, 1 RCA
Digital outputs	1 RCA, 1 TOSLINK
Head phone jack	6.3 mm
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
Input Impedance XLR/RCA	23 k Ω / 23 k Ω
Output Impedance XLR/RCA	450 Ω / 230 Ω
Input Sensitivity re. 1 V	330 mV - 4 V
Max. output level 1 % THD+N	12 V
	4 V sym (DAC)
Frequency response -3 dB	< 10 Hz - 160 kHz
	10 Hz - 1/2 FS (DAC)
Signal-to-noise-ratio	> 98 dB
	> 98 dB (DAC)
THD+N 1 kHz, Bw 10 Hz - 22 kHz	
Gain	variable

Technical modifications reserved.



Burmester Audiosysteme GmbH

Burmester Audiosysteme GmbH is one of the world's most renowned manufacturers in the field of high-end audio systems. The owner-managed company based in Berlin was founded in 1977 by Dieter Burmester. With a clear focus on home and automotive audio, Burmester maintains global collaborations with industry leaders in other industries (including: Mercedes-Benz, Porsche and the Königliche Porzellan Manufaktur Berlin, among others) and is a member of Meisterkreis Deutschland and the Initiative for German Manufactures.