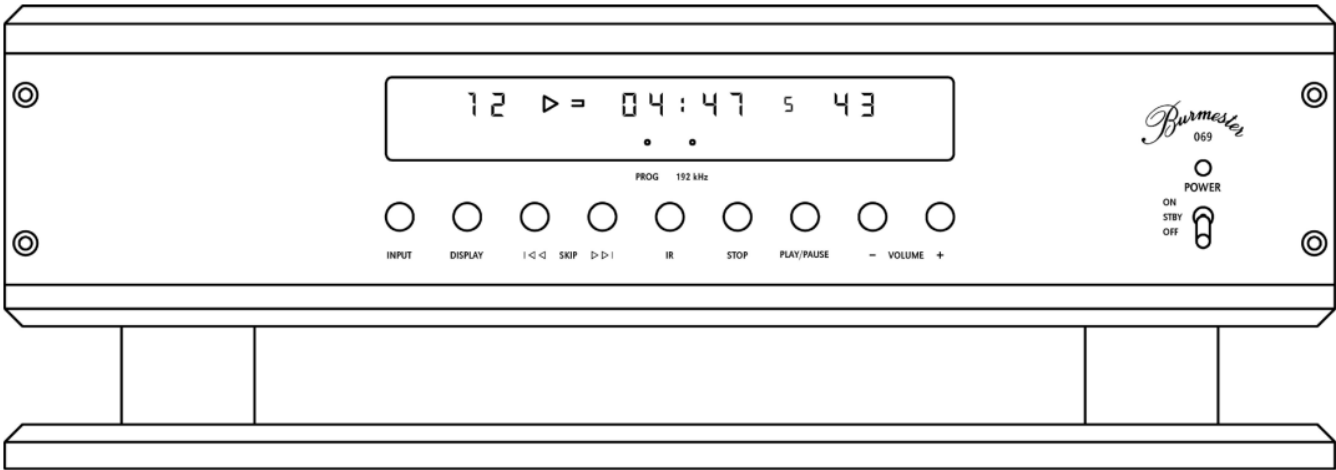




Burmester 069 Reference Line CD Player Owner’s Manual

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REFERENCE LINE
CD PLAYER
069

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069 Reference Line CD Player

Dear Audiophile,

Thank you for choosing this Burmester audio component. We sincerely appreciate your trust in us.

You have purchased a unit which excels in musical fidelity and combines uncompromising manufacturing quality with technical innovation and the highest degree of operating flexibility.

We recommend reading this user manual at least once in its entirety before initial operation. This will enable you to make full use of all capabilities of this outstanding audiophile instrument.

Should you have any further questions, please contact your dealer or us directly.

Talk to us about your special requests, even if they seem out of the ordinary. We happily accept technically reasonable challenges.

Enjoy your enhanced listening pleasure.

Your Burmester Team

UNPACKING AND SETTING UP

CAUTION: The CD player 069 and the external power supply unit (if existent) are very heavy. To avoid injuries while unpacking it is suggested that only personnel with experiences in heavy weights unpack the units.

CAUTION: The CD player 069 is shipped inside a plastic protective cover. Make sure that children do not play with it to avoid the danger of suffocation.

Unpacking

To avoid damaging the housing, please do not use pointed or sharp tools to open the box.

Please make sure that the content of the box is complete. If something is missing or you notice any damage while unpacking, do not hook up the unit. Instead, contact your authorized dealer.

Content of boxes

The two boxes should contain the following:

- 1 box with the CD player 069

- 1 CD clamp
- 1 base plate with 4 carbon fiber damping discs
- 1 remote control
- 1 power cord for connecting the CD player to the external power supply unit (if existent)
- 1 AC power cord
- 1 owner's manual
- 1 box with the external power supply unit (if existent)
- 1 base plate with 4 carbon fiber damping discs for the external power supply (if existent)

Packaging

We recommend keeping the original packing in case the unit needs to be shipped in the future.

Setting up

Too low or too high temperatures may cause damage inside of the preamp. Therefore we recommend you leave the unit to adapt to room temperature, before using it for the first time.

Carefully remove the unit from its packaging and set it up in an appropriate location. To protect the 069 from overheating make sure that the location offers sufficient air circulation around the unit. Also, avoid excessive exposure to sun, dust and humidity.

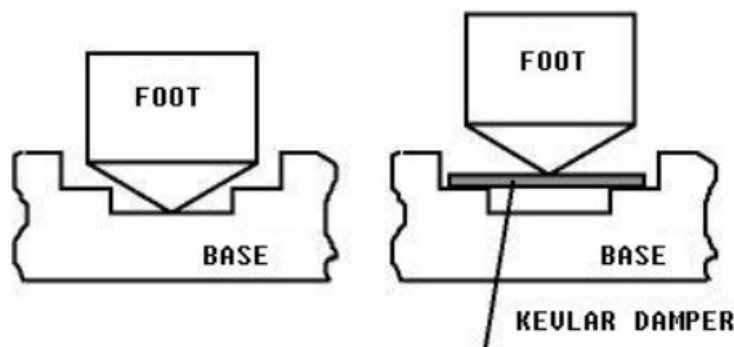
Ventilation ducts and openings in the housing serve to keep the unit cool. They must not be covered up with magazines, table cloth, curtains etc.

If the 069 has to be operated in an extremely warm environment it may be necessary to supply additional ventilation. Avoid operating the unit in an excessively humid environment like bath rooms etc.

Set up variations

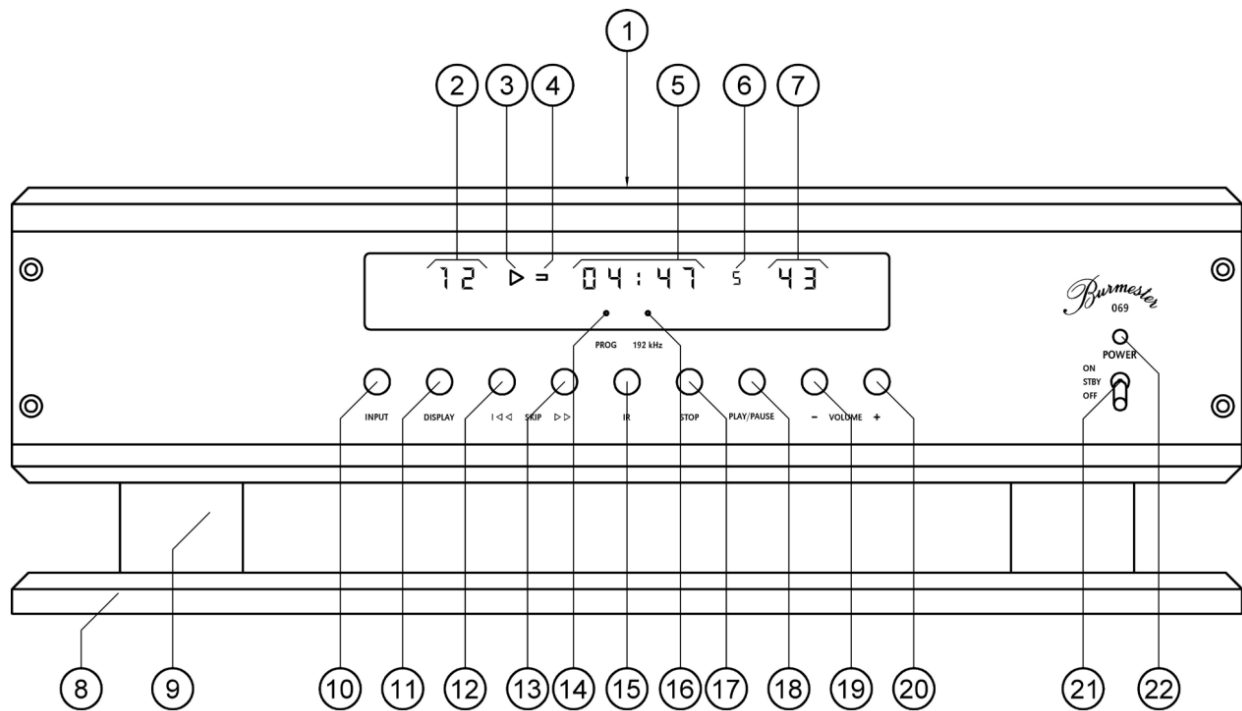
The feet of the CD player and of the power supply unit are constructed as spikes. They can either be placed directly on the aluminum of the base plate or on the supplied carbon fiber damping discs. Using the carbon fiber damping discs additionally decouples the entire housing acoustically from the ground surface.

We recommend placing the CD player and the power supply unit onto the base plate with the carbon fiber damping discs.



FUNCTIONAL OVERVIEW OF CD PLAYER UNIT

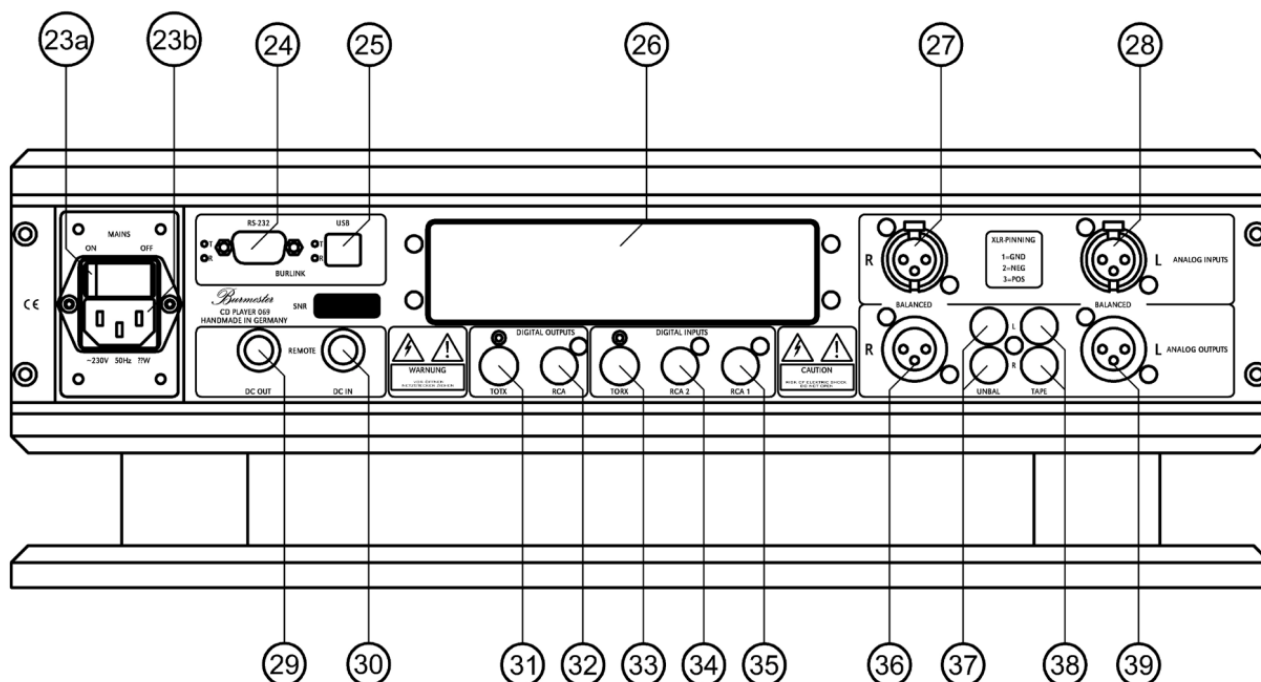
FRONT PANEL



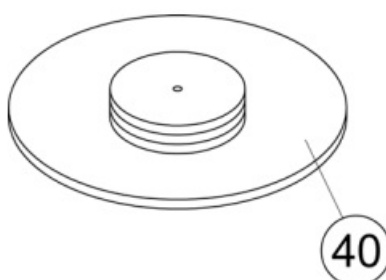
1. Sliding cover
2. TRACK display indicates the current track
3. OPERATING MODE display of the CD drive
4. REPEAT display
5. TIME display shows time elapsed or remaining
6. SCAN- and REPEAT AB display
7. VOLUME display shows the current volume
8. Base plate
9. Foot – constructed as spike
10. INPUT button for input selection
11. DISPLAY-Taste selects display brightness
12. SKIP |<< -Taste for selecting the previous tracks
13. SKIP >>| button for selecting the next tracks
14. PROGRAMM-LED illuminates when a music program has been selected and saved
15. IR receiver for remote control
16. AUDIO LED shows up sampling of 192kHz
17. STOP button
18. PLAY/ PAUSE button
19. VOLUME down button decreases the volume
20. VOLUME up button increases the volume
21. POWER switch
22. POWER LED lights up red when the unit is on

FUNCTIONAL OVERVIEW OF CD PLAYER UNIT

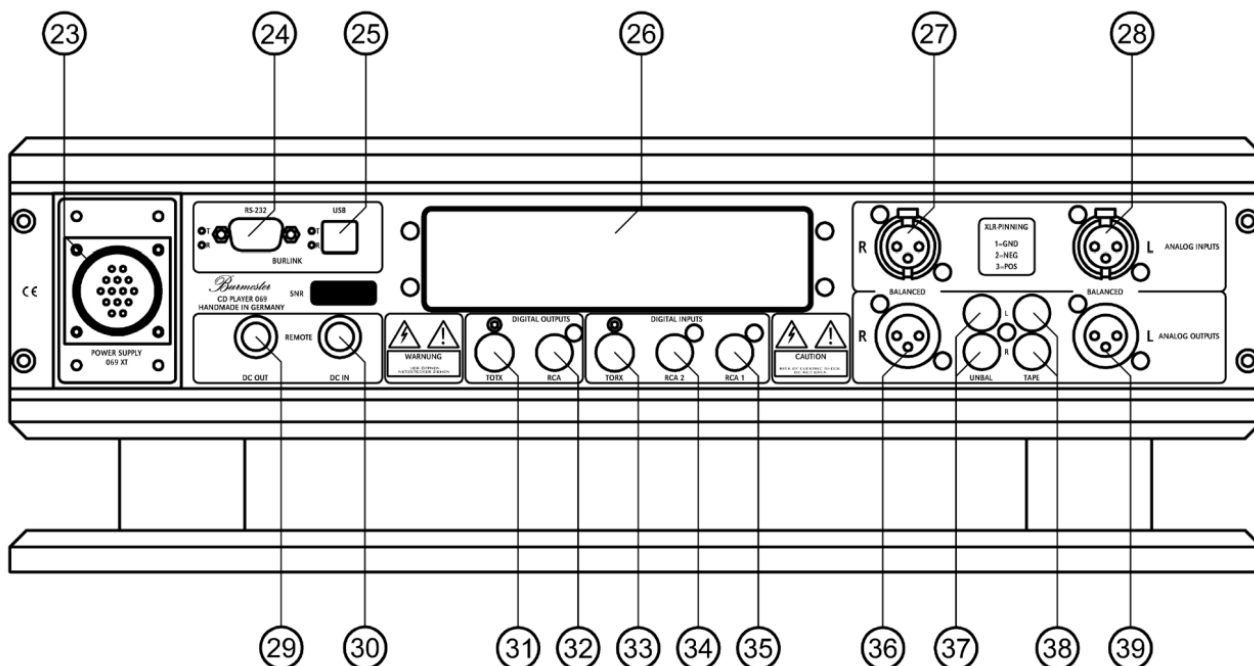
REAR PANEL WITH INTERNAL POWER SUPPLY



- 23. a) AC Mains Switch
(23b) AC Mains Terminal
- 24. BURLINK interface RS-232 with check LEDs
- 25. BURLINK interface USB with check LEDs
- 26. MMI slot for new inputs or outputs
- 27. Analog audio input right channel (bal.)
- 28. Analog audio input left channel (bal.)
- 29. REMOTE output jack
- 30. REMOTE input jack
- 31. Digital audio output TOTX for optical cables
- 32. Digital audio output RCA (75Ω)
- 33. Digital audio input TORX for optical cables
- 34. Digital audio input RCA2 (75Ω) (
- 35. Digital audio input RCA1 (75Ω)
- 36. Analog audio output right channel (bal.)
- 37. Analog audio output (unbal.)
- 38. Analog audio output (unbal.) for analog recording unit
- 39. Analog audio output left channel (bal.)

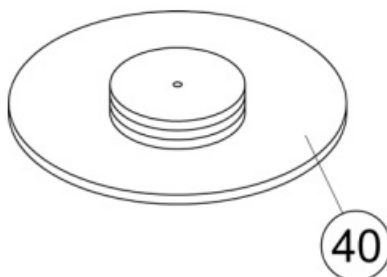


**FUNCTIONAL OVERVIEW OF CD PLAYER UNIT
REAR PANEL WITH EXTERNAL POWER SUPPLY**

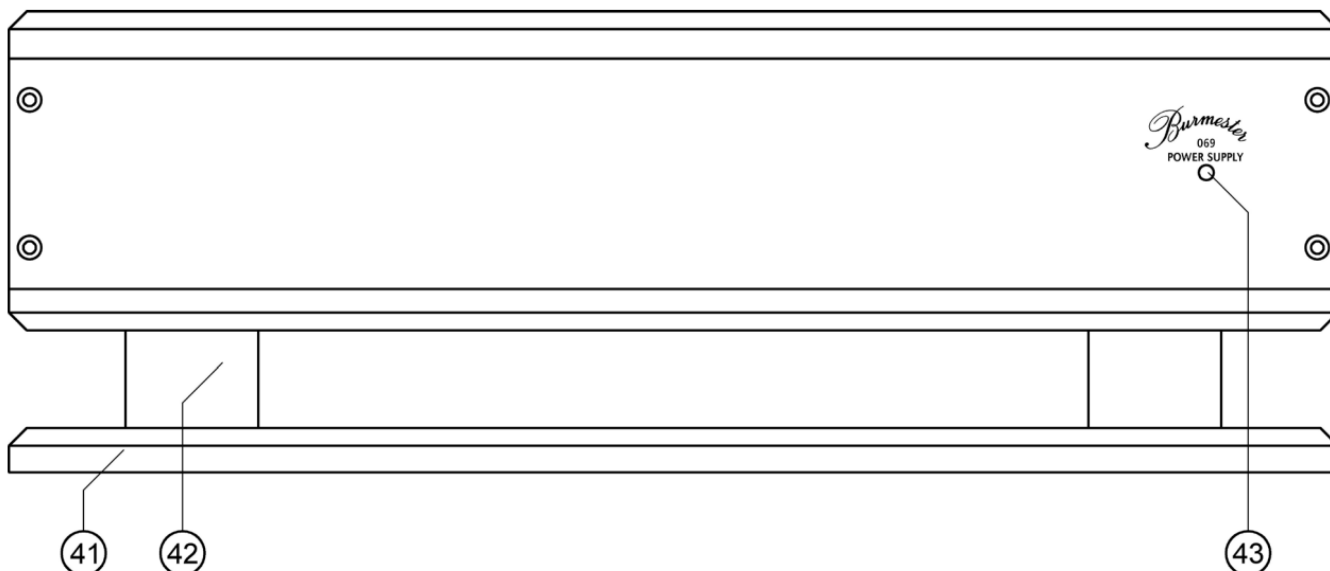


- (23) POWER SUPPLY terminal
- (24) BURLINK interface RS-232 with check LEDs
- (25) BURLINK interface USB with check LEDs
- (26) MMI slot for new inputs or outputs
- (27) Analog audio input right channel (bal.)
- (28) Analog audio input left channel (bal.)
- (29) REMOTE output jack
- (30) REMOTE input jack
- (31) Digital audio output TOTX for optical cables

- (32) Digital audio output RCA (75Ω)
- (33) Digital audio input TORX for optical cables
- (34) Digital audio input RCA2 (75Ω)
- (35) Digital audio input RCA1 (75Ω)
- (36) Analog audio output right channel (bal.)
- (37) Analog audio output (unbal.)
- (38) Analog audio output (unbal.) for analog recording unit
- (39) Analog audio output left channel (bal.)



FUNCTIONAL OVERVIEW OF POWER SUPPLY UNIT IN REFERENCE LINE HOUSING FRONT PANEL

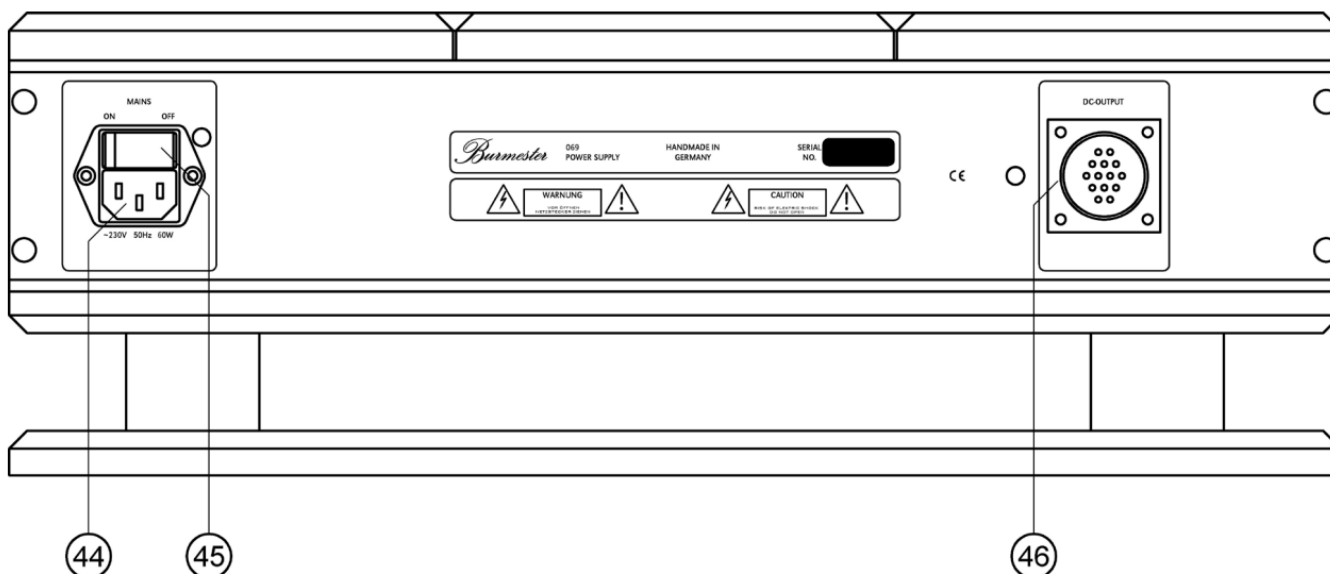


(41) Base plate

(42) Foot – constructed as spike

(43) POWER LED lights up red when the unit is on

REAR PANEL



(44) AC mains terminal

(45) AC mains switch

(46) POWER SUPPLY terminal

FIRST STARTUP

CAUTION: Before connecting the unit, please check if the input voltage of the 061 is equal to the local voltage of your wall outlet. Make sure the ground lead in your power outlet is working correctly. A missing or faulty ground is extremely dangerous!

In case of doubt contact a licensed electrician.

the two ends of the cord carefully into the POWER SUPPLY terminal (23) of the CD player and screw down the connector.

- With external power supply: Use the same procedure to connect the other end into the POWER SUPPLY terminal (46) of the power supply unit.
- Connect your preferred in- and outputs of the CD player with your HiFi system. Please refer also the chapter

CONNECTIONS.

- Make sure, that the AC mains switch on the rear panel of the CD player or on the rear panel of the external power supply unit (if at hand) is set to OFF position.
- Connect the AC power cord into the AC mains terminal and plug it into the wall outlet.
- Switch the AC mains switch to ON position.
- With the POWER switch (21) on the front panel of the CD player you can switch on the unit.
- During the first startup, you have to decide if the ANALOG OUTPUTS (27), (28) and (37) will run with defined (FIX) or adjustable (VARIABLE) volume level.



CAUTION: If the CD player is connected directly to power amplifiers, you must choose the setting VARIABLE ! ! ! The setting FIX may destroy your loudspeakers, because the CD player delivers maximum level to the outputs ! ! !

- Open the sliding cover (1) on the top of the CD player. Put a CD onto the turntable with the printed side up and afterwards put the CD CLAMP (40) onto the CD.
- After closing the sliding cover the CD player reads the table of content of the CD and shows the number of tracks and the total playing time of the CD on the display.
- By pushing the PLAY/PAUSE button (18) on the front panel of the unit or on the remote control, the CD player starts up playback.
- If you have chosen the VARIABLE setting, volume can be regulated with the buttons VOLUME+ and VOLUME- on the front panel of the unit or on the remote control.
- Detailed information about the manifold functions of the CD player you will find in the following chapters of this owner's manual.

CONNECTIONS

All terminals for hook up are located on the rear panel. While connecting the CD player, all components of the music system must be turned off.

There are various possibilities for connecting the CD player, depending upon the kind of audio components and auxiliary devices used. For the best connections please also refer to the owner's manual of your audio components or auxiliary devices. The following explains the various hookup possibilities:

HOOKUP TO AN ANALOG PREAMP, INTEGRATED AMP OR POWER AMP

Analog outputs

To connect an analog pre amp, integrated amp or power amp the 069 offers balanced as well as unbalanced outputs (ANALOG OUTPUTS). If your amplifier provides balanced inputs, connect them to the terminals BALANCED R (36) and BALANCED L (39).

Unbalanced connections can be made using the terminals UNBAL (37). An analog recording device may be hooked up to the terminal TAPE (38).

For reasons of superior sound we recommend using balanced connections whenever possible. If you connect the CD player to an analog pre amplifier or integrated amplifier, we recommend choosing the setting FIX in the SETUP MENU. You will find this setting in the menu item OUTPUT.



CAUTION: If the CD player is connected directly to power amplifiers, you must choose the setting VARIABLE ! ! ! The setting FIX may destroy your loudspeakers, because the CD player delivers maximum level to the outputs ! ! !

The pinning of the balanced outputs are: PIN1=GND, PIN2=NEG, PIN3=POS.

HOOKUP TO A DIGITAL AMPLIFIER

Digital outputs

The player provides two DIGITAL OUTPUTS for connecting a digital amplifier:

The terminal TOTX (31) sends optical signals via optical cable with TOSHIBA-norm plugs.

The terminal RCA (32) requires a 75ohms coax cable with RCA plugs.

Choose whichever connection sounds best to you if your amplifier allows both types of hookup.

CAUTION: The terminal RCA (32) must not be connected to the analog input of an amplifier because this could damage the amp or the loudspeakers.

HOOKUP OF A DIGITAL SOURCE COMPONENT

Digital inputs

The CD player 069 offers three DIGITAL INPUTS for the connection of external digital source components such as DAT recorders or CD players:

The terminals RCA1 (35) and RCA2 (34) receive electronic signals and require 75ohms coax cable with RCA plugs.

The terminal TORX (33) receives optical signals and requires an optical cable with plugs according to TOSHIBA norm.

Choose whichever connection sounds best to you if your amplifier allows both types of hookup.

CAUTION: The digital inputs of the 069 can process PCM stereo data with a sample rate up to 96kHz.

HOOKUP OF AN ANALOG SOURCE COMPONENT

Analog inputs

The CD player 069 offers a balanced ANALOG INPUT for the connection of external analog source components such as a phono preamplifier or a FM-tuner for example.

The analog input terminals (27) and (28) are balanced connectors. If your analog source component offers only unbalanced connectors, you need two RCA to XLR connectors, which you can order at your local dealer.

The pinning of the balanced inputs are: PIN1=GND, PIN2=NEG, PIN3=POS.

ADDITIONAL CONNECTIONS

REMOTE

Connecting DC OUT (29) to the corresponding DC IN jack of another BURMESTER-unit offers to switch on or off this other unit simultaneous by the 069. In this case, 069 has the master function.

Connecting DC IN (30) to the corresponding DC OUT jack of another BURMESTER-unit offers to switch on or off the 069 simultaneous by the other unit. In this case, 069 has the slave function.

MMI slot (optional)

The MMI slot (26) offers to integrate future developments into the CD player 069, for example a multi media interface.

BURLINK

To the BURmester-LINK interface plugs (24), (25) a computer system like PC, CRESTRON™, AMX™ e.g. can be connected to the CD player 069. The computer system allows a comfortable control of your HiFi system using an individual programmable touch panel for example. With the LEDs beside the plugs named T and R (Transmit and Receive) you can check whether data exchange is working.

OPERATING CONTROLS

With the exception of the AC mains switch, which is located on the rear panel of the power supply unit, all operating controls are located on the front panel of the CD player.

AC mains switch

The AC mains switch, which turns AC power to the unit on and off, is located on the rear panel of the CD player or on the rear panel of the power supply unit (if at hand) above the AC mains terminal. By switching to the ON position the standby transformer is powered up.

POWER switch

The POWER switch (21) switches the CD player on and off, provided the AC mains switch is in the ON position.

With the POWER switch (21) set to "OFF", all functions of the CD player are powered down.

Flipping the POWER switch (21) from "OFF" to "STBY", the POWER LED (22) lights up orange. This shows that the unit is in standby mode.

When the POWER switch is in "STBY" position, the unit can be turned on and off by pushing up the POWER switch or pushing the POWER button on the BURMESTER remote control (accessory).

In operating mode (ON) the POWER LED (22) lights up red and all functions of the CD player are activated.

PLEASE NOTE: Always switch off the 069 with the POWER switch first before bringing the AC mains switch into OFF position.

INPUT button

Pushing the button INPUT (10) changes sequentially the signal source between the external inputs RCA1, RCA2, TORX, MMI (optional), ANALOG on the back panel or the internal CD transport. The selected input is indicated on the display.

If the activated input gets an invalid signal, the display is flashing.

PLAY/PAUSE button

Pushing the button PLAY/PAUSE (18) starts playback of the CD. Playback of the CD can be interrupted by pushing the button PLAY/PAUSE (18) again.

By pressing the PLAY/PAUSE button for a longer time you can change the sample rate of the D/A converter between 96 kHz and 192 kHz. If the sample rate is set to 192 kHz, the AUDIO LED (16) will illuminate.

STOP button

Pressing the button STOP (17) will stop playback of the CD. To restart the CD from the beginning, press the PLAY/PAUSE button.

SKIP >>| button

By briefly pressing the button SKIP >>| (13) playback is advanced to the beginning of the following track. By pressing it several times you can skip ahead one step at a time.

SKIP |<< button

By briefly pressing the button SKIP |<< (12) playback is returned to the beginning of the playing track. By pressing it several times you can skip back step by step.

DISPLAY button

Pushing the button DISPLAY (11) varies the brightness of the alphanumeric display in four steps between “max. brightness” to “off”.

If brightness is selected to “off”, the display will light up only when any controls are used to change settings. After a few seconds it automatically switches off again.

In SETUP mode, display lights up on “max. brightness” permanently.

THE FUNCTION INDICATORS

POWER LED

The POWER LED (22) of the CD player lights up orange and the POWER LED (43) of the power supply unit (if at hand) lights up green, if the CD player is in standby mode. Both LEDs lights up red, when the units are turned on.

AUDIO LED

The AUDIO LED (16) illuminates, when the internal sample rate of the D/A converter is switched to 192 kHz.

PROGRAM LED

The PROGRAM LED (14) illuminates, when the PROGRAM function has been activated. (see chapter “HOW TO PROGRAM A FAVORITE TRACK SELECTION”)

SYNC indication

The display indicates a correct or incorrect data stream input.

The display is flashing, when a selected external input RCA1, RCA2, TORX, MMI (optional) receives an invalid data stream.

When, for example, a DTS encoded CD is inserted into the CD drive, the music signal is only played back at the digital outputs. In this case, the display flashes too.

Alphanumeric display

The alphanumeric display shows the current track of the CD in the TRACK display (2) and the playing time in the TIME display (5).

The TIME display can be switched to

- lapsed time of the current track
- remaining time of the current track
- lapsed time of the CD
- remaining time of the CD by pushing the MODE button on the remote control.

If you have set up the volume regulation, the VOLUME display (7) will show you the current volume.

You have the possibility to display the operating mode (Play, Pause, Stop) of the internal CD drive. For it you must set the menu item DISPLAY in the SETUP MENU to MAXIMUM.

SYSTEM SETUP

The SYSTEM SETUP menu of the CD player 069 allows the easy programming of certain basic settings.

All settings of the SYSTEM SETUP will be saved automatically after leaving the SETUP and remain after switching off the unit.

The SYSTEM SETUP can be operated only with the key D MENU and the navigation keys ▲, ▼, ►, ◀ of the remote control.

If the unit is switched off inadvertently while the SETUP MENU is active, all settings that were made will be saved.

OPERATING THE SYSTEM SETUP

Activating SETUP Press the button D MENU to activate the SYSTEM SETUP. The alphanumeric display will show SETUP for approx. two seconds, followed by the first menu item.

Select menu item With the navigation keys ► and ◀ you will choose the menu item you want to change.

Change settings With the navigation keys ▲ and ▼ you change the setting of the selected menu item.

Leaving SETUP

Pressing the key D MENU deactivates the SETUP and all settings will be saved. The CD player switches off and then on again.

SHORT DESCRIPTION OF THE MENU ITEMS

MENU ITEM	SHAORT DESCRIPTION	DEFAULT
AUTO	The CD player starts automatically playback of the CD after switching on (ON) or not (OFF)	OFF
OUTPUT	You can choose between defined (FIX) or adjustable (VARIABLE) output level of the analog outputs.	VARIABLE
INIT-VOLUME	You can select the initial volume level, if you have selected the adjustable output (VARIABLE) in the menu item OUTPUT.	1
DISPLAY	You can select the quantity of information shown in the alphanumeric display.	MINIMUM
SERIALNUMBER	Shows the type and the serial number of the unit, when item is set to ON	OFF
SCAN-TIME	This menu item sets the time of the track scan function .	5
RC-INPUT	Setting to YES make possible to switch the inputs with the keys STATION+/- of the remote control	NO
ANALOG INPUT	In this menu item you can select the level of the analog input.	0dB
OUTPUT GAIN	The output level can be reduced by 10dB when this menu item is set to LOW.	HIGH
BUR-LIB	If you wanted to activate the request of the CD library, you should set this menu item to ON.	OFF
DEFAULTS	Press the key OK, when you want to load the default settings	

DESCRIPTION OF THE MENU ITEMS OF THE SYSTEM SETUP

AUTO

You can choose, if the CD player should start playback directly after switching on the unit.

OFF The unit reads only the table of content and remains in STOP mode.

ON The unit begins playing the CD directly after switching on.

OUTPUT

You can choose between defined (FIX) or adjustable (VARIABLE) output level of the analog outputs.



CAUTION: If the CD player is connected directly to power amplifiers, you must choose the setting VARIABLE !!! The setting FIX may destroy your loudspeakers, because the CD player delivers maximum level to the outputs !!!

VARIABLE The CD player has an adjustable output level.

FIX The CD player has a defined output level.

NIT-VOLUME

You can select the initial volume level in this menu item. This adjustment is only valid, when the menu item OUTPUT is set to VARIABLE.

The setting range is between volume level 01 to the maximum of 20.

If set to LAST, the 069 remembers the last volume right before turning off the device, limiting the value to 20 for safety reasons.

DISPLAY

During playback the alphanumeric display shows the current track number, the playing time and, if activated (OUTPUT = VARIABLE), the current volume level. You have the possibility to display additionally the operating mode (Play, Pause, Stop) of the internal CD drive. For it you must set this menu item to MAXIMUM.

MINIMUM The display shows only track, time and, if activated, the volume level.

MAXIMUM The display shows additionally the operating mode of the CD drive.

SERIALNUMBER

You can choose, if the type and the serial number of the unit will be shown in the alphanumeric display after switching on the player.

OFF The type and the serial number will not be shown.

ON The type and the serial number will be shown after switching on.

SCAN-TIME

Pressing the button SCAN on the remote control starts and ends the track scan function. This menu item sets the time of the track scan function. (1 to 20 seconds)

RC-INPUT

If you want to change the inputs of the CD player with the keys STATION +/- of the remote control, you should set this item to YES. If this item is set to NO you can change the inputs with the INPUT buttons on the front of the unit only.

NO Change of inputs with the remote control is not possible..

YES Change of inputs can also be done with the remote control.

ANALOG INPUT

In this menu item you can select the level of the analog input. So you can balance the difference of the volume level of this input to the digital inputs and the CD drive. The setting range is between volume level -6dB to the maximum of +20dB. It can be set in steps of 1dB.

OUTPUT GAIN

If the output level of the analog outputs (BALANCED und UNBAL) is too high for your HiFi system, you can attenuate them by 10dB. The setting HIGH is only possible to choose, if the menu item **OUTPUT** is set to **VARIABLE**.

LOW No attenuation of the analog outputs.

HIGH Attenuation of the analog outputs is set to 10dB.

BUR-LIB

This menu item either enables or disables the Burmester Library function, see chapters PROGRAMMING A FAVOURITE TRACK SELECTION OF A CD and HINTS FOR ADMINSTRATING CD PROGRAMS for further details.

OFF BUR-LIB disabled – the stored CD information will not be processed.

ON BUR-LIB enabled – the stored CD information will be processed.

DEFAULTS

If you want to set all menu items to default, incl. the display brightness, you should press the key OK of the remote control after selecting this menu item. The alphanumeric display will show CHANGED to confirm the setting.

REMOTE CONTROL

POWER

The key POWER switches the CD player on or off, provided the mains switch on the rear panel of the CD player or on the rear panel of the external power supply (if at hand) is set to ON and the power switch on the front panel is set to STBY.

VOLUME

By pressing either the VOLUME + or VOLUME – buttons you can adjust the sound level.

The level is shown in the VOLUME display (7). Pressing the corresponding key on your remote control lowers or rises the output volume.

Remember that this feature is only available if the menu item OUTPUT in the SETUP MENU is set to VARIABLE.

DIM

Pressing the key DIM varies the brightness of the alphanumeric display in four steps between “max. brightness” to “off”.

If brightness is selected to “off”, the display will light up only when any controls are used to change settings. After a few seconds it automatically switches off again.

AUDIO

With the AUDIO key you can choose the rate of the internal sample rate converter: 96kHz and 192kHz respectively. The setting to 192 kHz will be shown by the light of the AUDIO LED (11).

For the best sound we recommend the sample rate of 96 kHz.

REPEAT

Pressing the key REPEAT once or several times causes a track or the complete CD to be repeated. The repeat mode is shown in the alphanumeric display:

- a simple arrow shows the repeating of one track
- a returning arrow shows the repeating of the complete CD

REPEAT A/B

This feature constantly repeats any specific sequence of a CD. The first key press defines the beginning of the sequence, while the second key press defines the ending, immediately turning to the start of the sequence.

If a sequence is defined, you can remove its definition by pressing this key again.

D MENU

With the key D MENU you can activate or leave the SYSTEM SETUP.

Numbers 0 to 9

The numerical keypad serves to select a track directly. The playback of the selected track begins automatically after the selection.

Arrow keys ▲ ▼ ► ◀

With the arrow keys (navigation keys) you can select and set menu items in the SYSTEM SETUP (see chapter SYSTEM SETUP) and programming a favorite track selection of a CD.

PLAY/PAUSE

Pressing the key PLAY/PAUSE starts playback of the CD. The playback can be stopped (PAUSE mode) by pressing the key PLAY/PAUSE again.

STOP

The playback of the CD can be stopped by pressing the key STOP (STOP mode).

For a restart of the CD at the beginning, press the key PLAY.

SKIP >|

By briefly pressing the key SKIP >| playback is advanced to the beginning of the following track. By pressing it several times you can skip ahead one step at a time.

SKIP |<

By briefly pressing the key SKIP |< playback is returned to the beginning of the playing track. By pressing it several times you can skip back step by step.

SEARCH >>

Briefly pressing the key SEARCH >> alternately activates the slow or the fast forward mode. To switch back to normal playback mode, press the key PLAY/PAUSE.

SEARCH <<

Briefly pressing the key SEARCH << alternately activates the slow or the fast backward mode. To switch back to normal playback mode, press the key PLAY/PAUSE.

PROGR.

With the key PROGR. you can activate or leave the mode to program a favorite track selection of a CD.

OK

This key confirms your selection of a track while programming a favorite track selection of a CD.

In the setup menu, this key acts also as a confirmation for adjusting the output to FIX.

Confirming the SETUP DEFAULT item resets the device to factory setting.

CLEAR

With the key CLEAR you can delete a favorite track program.

MODE

The TIME display (5) can be switched by pressing the MODE key between:

- showing the elapsed playing time of the current track
- showing the elapsed playing time of the current CD
- showing the remaining playing time of the current CD

STATION

With the keys STATION + and STATION – you can select the external inputs RCA1, RCA2, TORX, MMI (optional) or the internal CD drive. A lit INPUT LED (1) indicates the selected input.

Input selecting with the STATION keys is only possible, when the menu item RC-I in the SYSTEM SETUP is set to ON.

SCAN

By pressing SCAN you can start or stop the intro function. Each track on the CD will be played for a certain time only. This time is adjustable (1 to 20 seconds) in the SETUP MENU, so called SCAN TIME.

The display shows an S in the SCAN and REPEAT AB display (6).

All other keys of the remote control have no functions with respect of the 069.

PROGRAMMING A FAVOURITE TRACK SELECTION OF A CD

A total of 20 tracks from a CD can be programmed for playback in a selected order. Programming can only be done using the remote control. The program plays the tracks in the selected order.

Activating the programming mode

To start the program function, press the key PROGR. of the remote control. The alphanumeric display will show PROGRAM shortly and then starts the programming mode.

The display shows now P: 01 T: 00 whereby P stands for program space, T stands for the track which should be programmed on this program space.

Arranging a program

The selection of a track will be done with the arrow key ▲ for the following tracks and ▼ for the previous tracks. Press the key OK of the remote control, if you got the desired track. This track will be saved on the selected program space. The display shows then SAVED to confirm the programming. Afterwards the following program space will be activated for programming.

Saving a program

To save your favourite track program and leave the programming mode press the key PROGR. of the remote control.

If your programming is invalid, because the content of all program spaces is 00 for example, the PROGRAM LED (9) remains dark.

If your programming is valid, the PROGRAM LED (9) will light up.

Playback of the program

When you have left the programming mode and the PROGRAM LED (9) is on, you can start your favourite track selection by pressing the key PLAY/PAUSE.

Selecting a defined program space

Press the key ◀ of the remote control. In front of the program space number an arrow → shows you that you can select a program space. The selection will be done with the arrow key ▲ for the following program spaces and ▼ for the previous tracks.

Programming a track

Press the key ▶ of the remote control. In front of the track number an arrow → shows that you can choose a track for the selected program space. The selection of a track will be done with the arrow key ▲ for the following tracks and ▼ for the previous tracks. Press the key OK of the remote control, if you got the desired track. This track will be saved on the selected program space. The display shows then SAVED to confirm the programming. Afterwards the following program space will be activated for programming.

Deleting a program

A programmed track selection can be deleted by pressing of the key CLEAR of the remote control or by opening the sliding cover. If the program is cleared, the PROGRAM LED (9) turns dark.

If you wanted to delete a program out while being in the programming mode, you must also press the key CLEAR. Afterwards the display shows CLEAR?. If you want to delete the program really, you have to press the key OK.

HINTS FOR ADMINISTRATING CD PROGRAMS

The 069 remembers user defined CD programs and stores them into a library memory.

If you play any CD that ever had a user program, the CD player asks you to play the stored program after having read the table of content (PLAY LIB?) assumed that the BUR-LIB item in the SETUP MENU is turned ON. Otherwise you will not be queried.

If you press either the PLAY KEY or the OK KEY on your remote control, the stored program will be started and the PROGRAM LED lights up.

So you can listen to your favorite tracks on a CD at any time, without having to reprogram it.

You can store a total of 99 CDs in the memory.

If you don't want to start the program, simply press the STOP KEY. The CD stops turning and you start it again as you like. In this case the flashing PROGRAM LED reminds you that there is a stored program for this CD but not played. The flashing stops after 5 seconds.

If any key like PLAY, SKIP |<<, SKIP >>| or the numerical keypad of the remote control is used while reading the CDs TOC, this command is preferred. The PROGRAM LED flashes as well for 5 seconds.

Once you have started the program, but do not want it to be played, simply press the CLEAR KEY on your remote control.

BURLINK

CONNECTIONS

Connecting to the BURLINK interface can be done either with the 9 pin D-SUB connector (RS-232) or with the USB connector.

RS-232 configuration: 9600Baud, 8bit, parity: none, 1 stop bit, no hardware handshake A USB device driver needs to be installed when using the USB connector. System requirements for using the USB software are either WINDOWS 2000 or WINDOWS XP operating system.

COMMANDS

Following are listed the possible commands to control the CD player 069. All commands needs to be sent in capital letters finished with a "carriage return" \r .

POWON\r	switches the unit on
POWOFF\r	switches the unit to standby mode
PLAY\r	starts playback of the CD
PAUSE\r	pauses playback of the CD
STOP\r	stops playback of the CD
SKIPFW\r	skips forward to the following tracks
SKIPBW\r	skips backward to the beginning of the current and previous tracks
FORW\r	starts search forward slow
BACKW\r	starts search backward slow
FORWR\r	starts search forward fast
BACKWR\r	starts search backward fast
VOLUP\r	increases the volume by one step
VOLDN\r	decreases the volume by one step
VOLxx\r	sets the volume level to the value xx
INP+\r	switches the inputs of the CD player
INP-\r	switches the inputs of the CD player
INPDISC\r	activates the internal CD drive

INPTORX\r	activates the external digital input TORX
INPRCA1\r	activates the external digital input RCA1
INPRCA2\r	activates the external digital input RCA2
INPMMI\r	activates the external input MMI (optional)
INPANALOG\r	activates the external analog input
KEY0 to KEY9\r	for direct track selection
SCAN\r	switches the scan function on or off
SCANON\r	switches the scan function on
SCANOFF\r	switches the scan function off
REPEAT\r	switches on the repeat modes (Track, Disc) or off
REPEATTRACK\r	switches on the track repeat function
REPEATDISC\r	switches on the disc repeat function
REPEATOFF\r	switches off any repeat function
REPEATAB\r	switches successively: set of beginning mark, set of end mark, off
MENU\r	opens and closes the SETUP-MENU
PROGRAM\r	opens and closes the USER-PROGRAM-MENU
NAV_UP\r	equals the navigation button ▲
NAV_DN\r	equals the navigation button ▼
NAV_LEFT\r	equals the navigation button ◀
NAV_RIGHT	equals the navigation button ▶
NAV_OK\r	equals the OK button (confirming of input)
CLEAR\r	deletes a favorite track selection program
AUDIO\r	switches between a sample rate of 96 kHz and 192 kHz
AUDIO96\r	switches to a sample rate of 96 kHz
AUDIO192\r	switches to a sample rate of 192 kHz
DMODE\r	switches the time display
DMODE\r	switches the time display
DMODE\r	switches the time display
DMODE\r	switches the time display
DMODE\r	switches the time display
DIM\r	switches the brightness step by step (0,1,2,3,0,1,2....)
DIM0\r	switches the display brightness to maximum
DIM1\r	switches the display brightness to middle

DIM2\r	switches the display brightness to low
DIM3\r	switches the display to off mode
TYPE\r	shows the type of the unit
VERSION\r	shows the software version of the unit
INFO\r	shows the content of the alphanumeric display

GENERAL INSTRUCTIONS

Please read these instructions and the owner´s manual carefully and keep these instructions safely with the owner´s manual of your component.

If you have any questions, we ask you to contact your dealer.

Operating temperature

An operating temperature that is too high or too low may cause malfunctioning. We therefore recommend letting the unit sit for a while after unpacking and before connecting and operating it.

Setting up

When choosing a place for your equipment please observe the following:

- Avoid direct sunlight.
- Do not subject the equipment to excessive heat, cold, humidity or dust.
- Provide adequate air circulation; avoid placing the equipment in enclosures.
- Slots and other openings in the housing are for ventilation. They must not be covered up.
- Please note that the component is not exposed to dripping water or splash water, also don´t place boxes with liquid in onto your component.
- Open flames like candles should not be placed on top of any electronic unit.

Mains voltage

- Check before operating the unit to see if the mains voltage setting shown on the back panel below the AC mains input conforms to the voltage of your household power supply.
Any change should only be done by an expert only.
- For AC connection please use only the three-pronged power cable provided.
The grounding pin should not be bypassed under any circumstances. Connect the component only to a wall outlet with fully functional grounding pin.

Comm. Operation

- Before installation switch off all components of a stereo system. Switch them back on only after making sure that any and all connections have been made correctly and completely.
- Never try to operate the equipment when it has obviously been damaged or if liquid has gotten into it.

Terminals

The pins of the connecting terminals on the back panel should not be touched by fingers under any circumstances. Static discharges may damage the electronic circuitry inside the unit.

Interconnects

We supply custom-made balanced as well as unbalanced interconnect cables and speaker cables of any length to ensure highest-quality signal paths for our components. The impedance of our cables is ideally matched to all

BURMESTER components.

For the cleanest power supply we recommend our triple-shielded power cord BURMESTERPOWER.

IR receiver

The IR receiver receives signals from the BURMESTER remote control and must not be covered up by objects.

Heat development

Be careful when touching the housing – it may get quite warm during operation.

Reset

If the unit does not react when pressing the control keys on the front it may be reset to normal operation by switching it off and back on using the AC mains switch in the back.

Lightening strikes

During the summer months, malfunctions often occur due to voltage spikes in the power lines after lightning strikes. Completely unplugging the power cord offers the only effective protection. Merely switching the unit off does not suffice since voltage spikes are able to arc over separated contacts.

Fuses

The fuses are located inside the unit and should be changed only by a qualified technician.

Warranty

We offer warranty for this unit provided the unit has been hooked-up and operated correctly, is mechanically undamaged.




Opening the unit, modifying it or dismantling outlets will void the warranty.

Care

Never clean the housing with a wet cloth or chemical cleaning agent. Always make sure that no liquid gets into the housing.

Battery hazard

The remote control contains batteries. Do not expose them to excessive heat. Improper use may result in overheating, fire, explosion, smoke and gas. Have the batteries replaced by your dealer. Swallowing the batteries can be fatal! Always keep children away from small parts that can be swallowed!

	This symbol on the equipment points to important orders which can be found in the owner´s manual.
	This symbol on or inside the equipment warns of dangerously high voltage.
	If the unit or its accessories is to be put out of operation definitively, take it to a local recycling plant for a disposal which is not harmful to the environment.

CAUTION:

The unit should be opened by qualified experts only. Opening brings with it the chance of encountering dangerously high voltage. Therefore the power cord must always be unplugged before opening the equipment.

TECHNICAL SPECIFICATIONS

Dimensions	CD player incl. base plate (W x H x D)	450 x 160 x 340 mm (17.7 x 6.3 x 13.4 inches)
	Power supply unit incl. base plate (W x H x D)	450 x 160 x 340 mm (17.7 x 6.3 x 13.4 inches)
	Power supply unit TOP LINE (W x H x D)	482 x 95 x 340 mm (17.7 x 3.7 x 13.4 inches)
Weight	CD player incl. base plate	app. 25 kg (55.0 lbs)
	Power supply unit incl. base plate	app. 25 kg (55.0 lbs)
	Power supply unit TOP LINE	app. 9,0 kg (19.8 lbs)
Mains voltage and fuses	internal power supply	2 x T 50mA E, 1 x T 500mA E 2 x T 50mA E, 2 x T 1A E
	200V – 240V 50/60Hz 100V – 127V 50/60Hz	
Mains voltage and fuses	external power supply	1 x T 50mA E, 2 x T 1A E 1 x T 100mA E, 2 x T 2A E
	200V – 240V 50/60Hz 100V – 127V 50/60Hz	
Power consumption	ON	60 W
	STBY (Mains switch ON)	4 W

PLEASE NOTE: The dimensions do not include the length of binding posts and the space, needed for plugs of interconnect cables.

The technical data and design of this product are subject to change without notice.


SECURITY NOTICE

This unit contains a CLASS 1 LASER PRODUCT inside.



Don't look into the laser light, when the unit is powered up.

Burmester
ART FOR THE EAR

	<p>Burmester 069 Reference Line CD Player [pdf] Owner's Manual</p> <p>069, 069 Reference Line CD Player, Reference Line CD Player, Line CD Player, CD Player</p>
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References

- [Burmester -](#)