



Ⓒ *Instruction Manual*

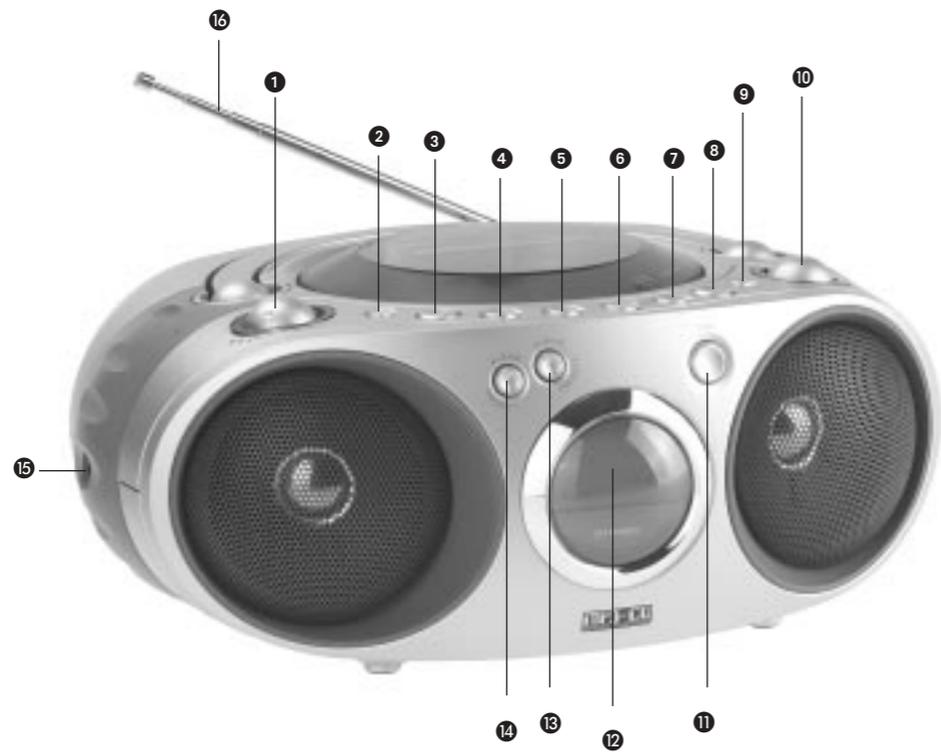


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PLL CD player with radio and MP3

KH 2331/2332/2333

Intended use:

The device is suitable for playing back Audio CDs, CD-Rs, CD-RWs and MP3-CDs.

It is also used for receiving MW and UKW radio transmissions.

Not intended for commercial use.

Operating elements:

- 1 Volume control (Setting playback volume)
- 2 Equalizer key (Equalizer function)
- 3 STOP key (Stopping playback)
- 4 MEMORY/ PROG. key (Track programming/allocation of up to 64 storage spaces)
- 5 REPEAT key (repeated playback)
- 6 R-SKIP key (CD skip track/ Search /Rewind key)
- 7 F-SKIP key (CD skip track /Search / Forward key)
- 8 CD PLAY/ CD PAUSE key (start/ pause playing back)
- 9 POWER key (Switch on/off the device)
- 10 Function switch TUNER / BAND; *MONO / ST. (Switch on radio operation/ Wave range selection/ MONO/ STEREO play back.)
- 11 FIND key (MP3-CD: Display of the track search function)
- 12 Display
- 13 ALBUM / PRESET+ key (MP3-CD/CD: Selecting the next album/ radio: Selecting the next saved radio transmission)
- 14 ALBUM / PRESET key (MP3-CD/CD: Selecting the previous album/ radio: Selecting the previous saved radio transmission)
- 15 Headphone socket
- 16 UKW antenna
- 17 Type label
- 18 Mains connection
- 19 Battery compartment
- 20 TIMER key (Model KH2331)
- 20 SLEEP key (Model KH2331)

Technical data:

Rated voltage:230V AC / 50 Hz
Power consumption :18 Watt
Max. output rating:2 x 2 Watt
Battery operation:8 x UM-1 battery/
2 x UM-3 battery
(Memory backup)
Model KH2331:8 x UM-2 battery/
2 x UM-3 battery
(Memory backup)
Radio operation:MW: 522 - 1620 KHZ
UKW: 87.5 - 108 MHz
CD player:CD, CD-R, CD-RW,
MP3-CD
Headphone socket:Stereo / 3.5 mm

Safety instructions:

Danger! Electric shock!

- Warning: Do not operate the device, if the power plug, power cord or the device is damaged.
- If the device falls of, get it checked by an electrician before you operate it again.
- Prevent liquids from seeping into the device. In case of emergency, pull out the power plug immediately.
- Do not use the device in wet areas (e. g. Bathroom) or areas with a lot of dust accumulation.
- Do not remove the cover under any circumstances. The components inside the device are not intended to be maintained by the user. Repairs are to be carried out exclusively by a specialist firm or the service centre.
- Do not place the device in direct proximity of inflammable material (e.g. curtains, inflammable liquids, etc.).
- To disconnect the device from the power supply completely, pull out the power plug out of the power socket and while doing so, always hold the connector and not the cable.
- Check the power cord regularly for possible damages.
- Important: Before the initial use, remove the protective cap from the CD slot.

Danger! Laser radiation!

The CD player has a "Class 1 Laser".

- Never open the device.
- Never attempt to repair the device. There is invisible laser radiation inside the device.
- Do not expose yourself to the laser beam.

Important! Fire hazard!

Do not expose the device to extreme temperatures, as the heat built-up inside the device can lead to defect and/or fire.

- Avoid direct solar radiation.
- Do not cover the ventilation slots of the device.
- Leave a minimum free space of approx. 10 cm on the sides.
- Do not place any open sources of fire, like candles, on the device.

Power supply

Mains operation:

- Check whether the voltage of your device and the local voltage are identical.
- If you want to operate the device on a 230V household network power socket:
→ Plug the power cord into the adaptor 18 provided on the rear side of the device.
→ Plug the power plug into the power socket.

Battery operation:

Note: Always use new batteries of the same type while changing batteries.

- Batteries with values that have not been recommended can damage the device.
- Never try to open the batteries.
- Never expose the batteries to extreme amount of heat and never throw them into fire.
- Always dispose off the batteries in an environmentally compatible manner. Contact your local authorities for the purpose.

Inserting the batteries: (The power plug is to be removed)

- Insert the eight batteries (TYPE UM-1/Model KH2331: TYPE UM-2) and the two batteries (Type UM-3 „AA“) into the battery compartment 19 on the underside of the device. Make sure that the plus (+) and minus (-) poles of the batteries have rightly been placed in the indicated places.

Note:

Power Standby

If the device is being connected to the power socket for the first time, it switches on to the standby mode.

- Press the POWER key 9 to switch on the device. The device remains in the standby mode until it is switched on.
- Pull out the power plug in order to completely switch off the device.

Setting the time

In the standby mode

1. Press the MEMORY/ PROG. 4 key for two seconds in order to set the time. The "12 HOUR" display appears in the display.
2. Press the F-SKIP 7 or the R-SKIP 6 key to select the 12/24 hour display. Confirm the selection by pressing the MEMORY/PROG. 4 key again. The first two digits flash in the display.
3. Press the F-SKIP 7 or the R-SKIP 6 key to set the current hour. Confirm the selection by pressing the MEMORY/PROG. 4 key again. The last two digits flash in the display.
4. Press the F-SKIP 7 or R-SKIP 6 key to set the current minutes. Confirm the set time by pressing the MEMORY/PROG. 4 key again.

Operation/ Radio operation

Set up the antenna 16 and if necessary, adjust it to receive better radio reception.

Transmission search

1. Press the POWER 9 key to switch on the device.
2. Press the TUNER/BAND 10 key. The radio switches on.
3. Press the TUNER/BAND 10 key again to set the transmission range (MW/UKW).

4. Press the F-SKIP **7** or the R-SKIP **6** key for a few seconds and release the key. The automatic transmission now starts searching the first transmission with adequate signal strength.
 5. Repeat the process to set other transmissions.
- To set the transmission with weak signal strength:
6. Press the F-SKIP **7** or the R-SKIP **6** key continuously until you get the desired frequency or the reception is optimal.

Save the radio transmission

1. Press the TUNER/BAND **10** key again to sent the transmission range (MW/UKW).
2. Search the desired transmission as described under the point "Transmission search".
3. Press the MEMORY/ PROG. **4** briefly. The indication "PROG" appears in the display and the memory position "01" blinks.
4. Press the ALBUM/PRESET+ **13** or ALBUM/PRESET- **14** key to save the current transmission in another memory position (1-10).
5. Press the MEMORY/ PROG. **4** key again. The previously set transmissions are written in the memory.
6. Repeat the process to save other transmissions.

Selecting the saved radio transmissions

- Press the ALBUM/PRESET+ **13** or ALBUM/PRESET- **14** key to select a memory position between 1-10.

Note: (Mains or battery operation)

Make sure that both the (UM-3/"AA") batteries have been inserted. The saved radio transmissions are thus received even if there is a drop in the mains voltage.

CD/MP3-CD operation

Inserting the CD/MP3-CD

1. Press OPEN/CLOSE to open the CD slot.
2. Place the CD/MP3-CD in the CD slot.
3. Press OPEN/CLOSE to close the CD slot. The CD/MP3 player starts and reads the contents of the CD/MP3-CD. After a few seconds, the total playback time and the number of the current track appears in the display.

Playing back the inserted CD

1. Press the PLAY/PAUSE **8** key.
 - The playback begins with the first track of the CD.
 - The display shows the current track number and the previous playback time.
 - The CD player stops when all the tracks have been played. The total playback time as well as the number of the current track are shown in the display.
2. Press the STOP **3** key to stop the playback.
3. Press the PLAY/PAUSE **8** key to interrupt the playback. (The playback should be previously activated).
4. Press the PLAY/PAUSE **8** key again to continue the playback.

Selecting different tracks during playback

- Press the F-SKIP **7** or the R-SKIP **6** key until the desired track appears in the display.

Only for MP3-CDs:

- Press the ALBUM/PRESET+ **13** or ALBUM/PRESET **14** key once or multiple times to find the desired album.

Restarting the current track

- During the playback, press the R-SKIP **6** once. Playback of the current track restarts.

Searching a song passage during the playback

- Press and hold the F-SKIP **7** or R-SKIP **6** key to search the desired song passage. The playback continues when you release the F-SKIP **7** or R-SKIP **6** key.

Search function

Possible only for playing back MP3-CDs:

- Press the FIND **11** key to call the MP3-CD search function.

Searching with the help of the file name

- Press the FIND **11** once to call the MP3-CD search function.
 🔍 and the alphabet "A" appears in the display. If a file name begins with the alphabet "A" begins, it appears in the display as well.
- Press the F-SKIP **7** or R-SKIP **6** key to search from A-Z and 0-9.
- Press the PLAY/PAUSE **8** key to begin playing back the desired track.

Searching with the help of the album name

- Press the FIND **13** key twice to call the search function. 🔍 and the "ALBUM" appears in the display.
- Press the F-Skip **7** or R-SKIP **6** key to search the desired album.
- Press the PLAY/PAUSE **8** key to start playing back the album.

Text display (ID3 display)

- While playing back an MP3-CD, press the FIND **11** key for two seconds. The file name/ track/ artist/ album of the current track appears in the display.
- Press the FIND **11** key once again for two seconds to go to the playback time display.

Note: The device is compatible with ID3 V.1, V.2 only.

Track programming

Up to 64 tracks can be stored.

CD playback

1. Insert the CD in the device, as described under "Insert the CD".
2. Press the MEMORY/PROG. **4** key to start the programming.
3. Press the F-Skip **7** or R-SKIP **6** key to find a particular track.
4. Press the MEMORY/PROG. **4** key to write the track in the memory.
5. Repeat the process until you have written all the tracks in the memory.
6. Press the PLAY/PAUSE **8** key to playback the automatically created programme.
7. Press the STOP **3** key to stop the playback.

MP3-CD playback

1. Insert the CD in the device, as described under "Insert the CD".
2. Press the MEMORY/PROG. **4** key to start the programming.
3. Press the F-SKIP **7** or R-SKIP **6** key to find the desired album/ folder.
4. Press the MEMORY/PROG. **4** key to write the album/ folder in the memory.
5. Press the F-SKIP **7** or R-SKIP **6** to find the desired track.
6. Press the MEMORY/PROG. **4** key to write the track in the memory.
7. Press the PLAY/PAUSE **8** key to playback the automatically created programme.
8. Press the STOP **3** key to stop the playback.

Checking the programming

1. Press the MEMORY/PROG. **4** to take a look at the stored track. The first programmed track appears in the display.
2. Press the MEMORY/PROG. **4** key again to go to the next track.

Playing back the programm

→ Press the PLAY/PAUSE **8** key. The playback begins with the first track of the programme. When all the tracks have been played, the CD/MP3-CD player stops playing back.

Deleting track programming

→ Press the STOP **3** key or open and close the CD compartment to delete the track programming.

Repeated payback of tracks

Use the Repeat Function to repeat a track /complete CD or the programme.

CD:

1. Press the REPEAT **5** key once. "REPEAT 1" appears in the display and the current track is repeatedly played back.
2. Press the REPEAT **5** key twice. REPEAT ALL" appears in the display and the the complete CD is repeatedly played back.
3. Press the REPEAT **5** key thrice to switch off repeated playback.

MP3-CD:

1. Press the REPEAT **5** key once. "REPEAT 1" appears in the display and the current track is repeatedly played back..
2. Press the REPEAT **5** key twice. REPEAT ALL" appears in the display and the the complete CD is repeatedly played back.
3. Press the REPEAT **5** key thrice. REPEAT ALBUM" appears in the display and the the complete album is repeatedly played back.
4. Press the REPEAT **5** key four times to switch off repeated playback.

Timer function (Only in model KH2331)

Make sure that the time has been set before you programme the Timer.

Select CD or Radio as the playback source. For Radio operation, the desired transmission must be first set.

Switching on the timer:

1. Press the ALBUM/PRESET+ **13** or ALBUM/PRESET **14** key to set the desired transmission.
2. Press the TIMER **20** keys. \oplus appears in the display and the first two digits blink.
3. Press the F-SKIP **7** or R-SKIP **6** keys to set the hours. Confirm the setting by pressing the TIMER **20** key again. The last two digits blink.
4. Press the F-SKIP **7** or R-SKIP **6** keys to set the minutes. Confirm the start time by pressing the TIMER **20** key again.
5. Repeat steps 3 + 4 to set the turn-off time.
6. TUNER appears in the display. Press the F-SKIP **7** or R-SKIP **6** keys to select the playback source (CD or Tuner).
7. Press the TIMER **20** key to confirm the playback source. Volume level 15 appears in the display.
8. Press the F-SKIP **7** or R-SKIP **6** keys to sent the volume level.
9. Press the TIMER **20** key to store the settings.

Switching off the timer:

1. Press the TIMER **20** key.
2. \oplus is no longer shown in the display. The timer is switched off.

Sleep function (Only in Model KH2331)

1. Press the SLEEP **21** key. SLEEP appears in the display.
2. Press the SLEEP **21** key again to set a Sleep time of 90 - 10 minutes.
3. Press the SLEEP **21** key again to switch off the Sleep function.

Equalizer function

This device has a preset Equalizer

→ Press the EQ **2** key to select the Equalizer settings.

The following setting options are available:

- CLASSIC
- ROCK
- POP
- JAZZ
- PASS (Equalizer function is deactivated)

Connection of stereo headphones

This device has a 3.5mm stereo headphone connection.

→ Insert the plug of the headphone in the headphone socket **15** and set volume control **1** as desired. During the reception through the headphone, the speakers are automatically muted.

Cleaning

Clean the casing with a slightly damp cloth only. In case of stubborn stains, pour a few drops of a mild detergent on the damp cloth.

Important: Make sure that moisture does not seep into the casing or the mains connection at the time of cleaning.

Disposal

The packaging is made of 100% environment-friendly materials, which you can dispose off through the local recycling centres.

Contact your municipal authorities or city administration for information on disposal options for used household appliances.

Batteries should not be disposed off with household waste. Always dispose off the batteries in an environment-friendly manner. Contact your local authorities for the purpose.

Service

Please take the warranty card from the appropriate service centre of your province.

Kompernass Handelsgesellschaft mbH
Burgstrasse 21
44867 Bochum
Deutschland / Germany
www.kompernass.com