

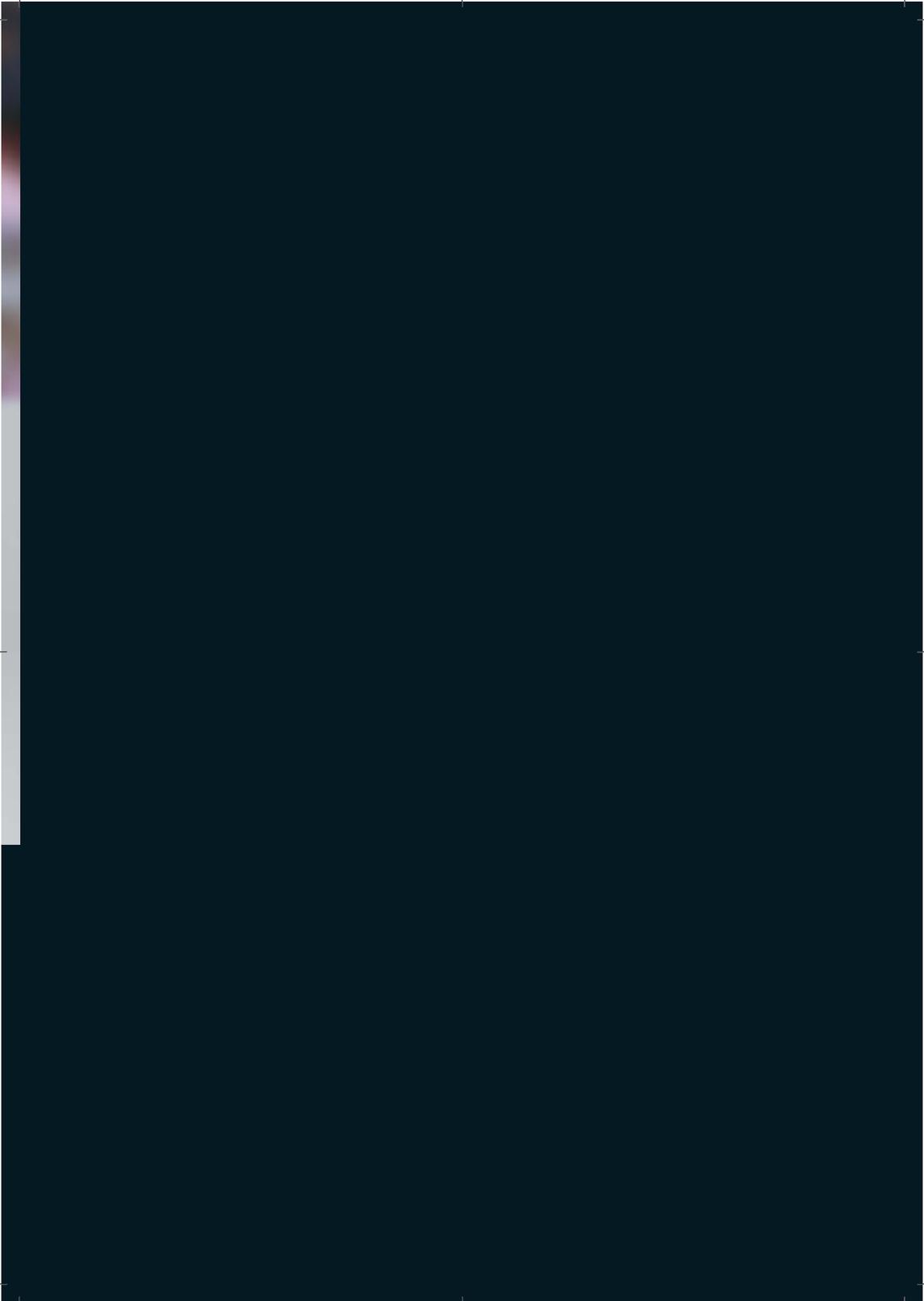
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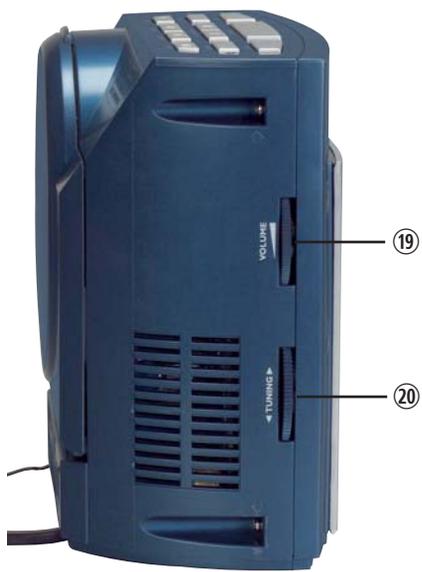
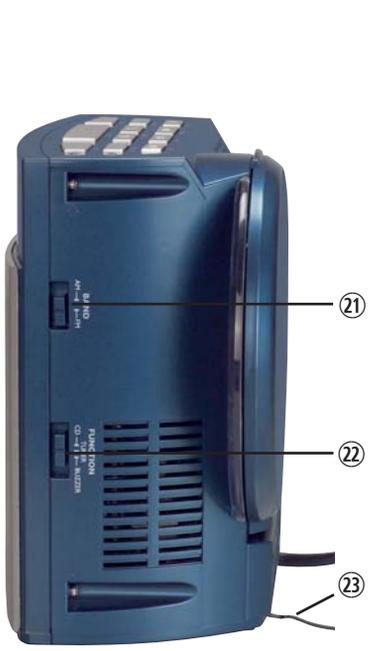
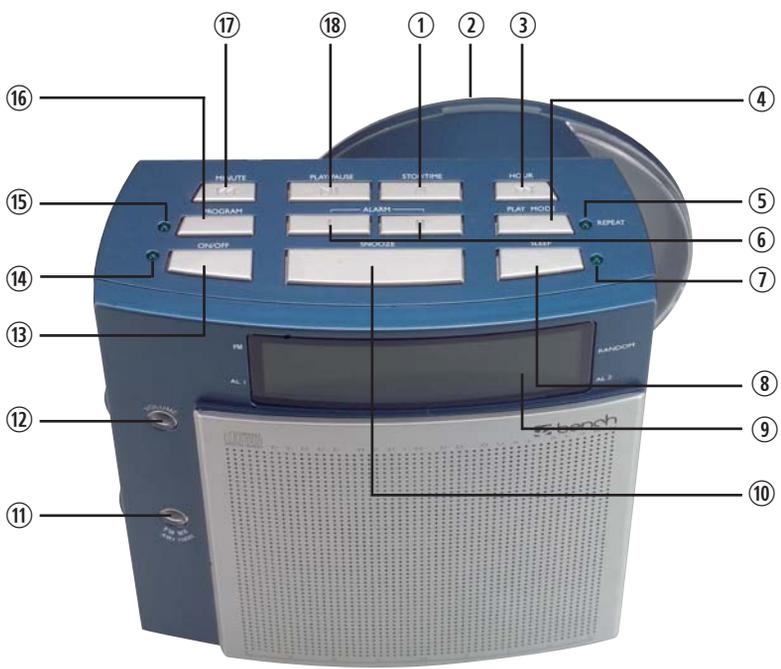
ID No.: KH 2255-09/06-V1



**GB** CD Clock Radio KH 2255  
Operating instructions



e-bench KH 2255



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## **CD Clock Radio**

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Read the operating instructions carefully before using the appliance for the first time and preserve this booklet for later reference. Pass the manual on to whomsoever might acquire the appliance at a later date.

## CD Clock Radio

### Safety information

#### **Important!**

This clock radio employs a laser beam. In order to avoid any risk of injury or accident due to this laser beam, the appliance may only be opened by qualified specialists. The appliances complies with the international safety regulations and the Directives of the European Community. It also complies with the currently applicable standards on electrical safety and electro-magnetic compatibility (EMC).

#### **Caution:**

In order to avoid the risk of electric shock, the cover of the appliance must not be removed. There are no parts that can be serviced inside the appliance. Always contact qualified specialists in the event of problems or faults.

 This symbol warns the user of hazardous voltages inside the appliance.

 This symbol is intended as a warning that personal injury can occur if the information given in the operating instructions for the device is not strictly observed.

#### **Danger - Laser Beams!**

The appliance is fitted with a „Class 1 Laser“.

- Never open the device.
- Never attempt to repair the device. There is invisible laser radiation inside the device.
- Avoid all direct optical contact with the laser beam, it could lead to serious eye injuries.

#### **Warning:**

In order to avoid the risks of fire and electric shock, the appliance must not be exposed to rain or moisture. The ventilation openings must not be blocked or covered.

#### **Important:**

- Do not throw batteries into the fire.
- Do not immerse the device in water and avoid splashes and droplets of water entering the appliance. Do not place any water/filled vessels (such as e.g. flower vases) on the appliance.

#### **Electrical Fast Transient (Burst)**

##### **Remark:**

In case of malfunction due to electrical fast transient (Burst), just reset the product (reconnect of power source may be required) to resume normal operation.

#### **ESD Remark:**

In case of malfunction due to electrostatic discharge just reset the product (reconnect of power source may be required) to resume normal operation.

- ⓘ A case of electrostatic discharge occurs, for example, should someone wearing shoes with plastic soles walk over a carpet that also contains plastic elements. Through the friction of the shoe soles on the carpet a charge is created in the body which discharges itself as soon as one touches an electricity conducting object, such as for example a door knob or the bodywork of a motor vehicle. Direct contact is not required to effect a discharge. It is sufficient to approach the conducting item to within a few centimetres. The charge can the discharge itself over an electric arc. A discharge is thus also possible through plastic housing components.

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## Delivery Contents

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CD Clock Radio  
 Operating Instructions  
 Warranty card

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## Intended Usage

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- This device is suitable for the reception of radio stations and the playing of audio CDs and is equipped with individually variable alarm functions.
- Any other use or modification of the appliance is considered improper use and may present significant risks of accidents.
- The manufacturer accepts no liability for improper use.

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## Technical Data

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|                 |  |
|-----------------|--|
| Power supply:   | 230-240 V ~ 50 Hz  |
| Backup battery: | 2x 1.5 V Type AA battery (not included in the scope of supply) |
| CD player:      | Frequency range (+/- 3dB) 100 Hz to 16 kHz                     |
| Laser:          | $\Delta = 760 \text{ nm}$<br>P <sub>max</sub> = 0.4 mW         |
| Radio:          | FM 87,5 - 108 MHz<br>AM (MW)<br>530 - 1600 kHz                 |

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## Operating elements

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- ① Button STOP/TIME
- ② CD compartment
- ③ Button Skip/Fast Search forwards ►►/ Hour
- ④ Button PLAY MODE
- ⑤ Indicator light Repeat
- ⑥ Buttons ALARM I and ALARM II
- ⑦ Indicator light Sleep
- ⑧ Button SLEEP
- ⑨ Indicator light Random
- ⑩ Button SNOOZE
- ⑪ Tuning display
- ⑫ Volume display
- ⑬ Button ON/OFF
- ⑭ Indicator light ON/OFF
- ⑮ Indicator light Program
- ⑯ Button PROGRAM: Preprogramming of CD titles
- ⑰ Button Skip/Fast Search backwards ◀◀/ Minute
- ⑱ Button PLAY/PAUSE: Start of the CD playback or brief interruption in the CD playback
- ⑲ Volume controller
- ⑳ Tuning knob: for selecting the radio station
- ㉑ Band selector switch: AM (MW) - FM
- ㉒ Function selector switch: CD - TUNER - BUZZER
- ㉓ FM antenna

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## Commissioning

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This CD clock radio is operated with 230 - 240 Volt alternating current (AC), 50 Hz. It is additionally equipped with a back-up system for the event of power failures, for which two 1,5 V block batteries (not included in the scope of supply) have to be inserted.

- ⇨ Insert the plug of the power lead into a suitable plug socket (AC voltage).
- ⇨ Place the batteries into the battery compartment on the underside of the appliance.

- ⓘ The use of an alkaline battery is recommended. In order to ensure optimum functioning, the battery should be changed every 6 months. Batteries are not charged in the battery compartment!

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### Battery Back-up System in Case of Power Failures

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The batteries ensure that the clock continues to function even in the event of a power failure. In order to prolong the battery life, however, the time is not shown on the display. If no battery has been inserted, 12:00 appears on the display. This means that you have to carry out the time and alarm settings again.

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## Setting the Time

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Setting the time when switching on the first time:

- ⇨ Hold the button TIME ① depressed to switch between the 12 hour and 24 hour modes.
- ⇨ The time flashes. Set the desired time using the buttons MINUTE ⑰ and HOUR ③.
- ⇨ As soon as you press the button TIME ①, the setting is saved. The displayed time no longer flashes.

Setting the time at some later point:

- ⇨ Hold the button TIME ① depressed to switch between the 12 hour and 24 hour modes.
- ⇨ Press the button TIME ①. The time flashes. Set the desired time using the buttons MINUTE ⑰ and HOUR ③.
- ⇨ As soon as you press the button TIME ① again, the setting is saved. The displayed time no longer flashes.

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## Radio operation

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1. Push the function selector switch ② to position TUNER.
2. Push the band selector switch ⑲ to position FM (UKW) or AM (MW).
3. In order to achieve optimum reception, extend the FM antenna ⑳ to its full length. For the AM waveband, the appliance needs to be turned to achieve optimum reception.
4. Switch on the appliance with the ON/OFF button ⑬. The indicator light ⑭ comes on when the appliance is switched on. The volume display ⑫ and frequency display ⑪ light up.

5. Set the desired volume with the volume controller ⑱.
6. Select the desired radio station using the TUNING knob ⑳.
7. To switch off the radio, press the button ON/OFF ⑬. The indicator light ON/OFF ⑭ goes out.

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## Use of the CD Player

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1. Open the CD compartment ② by hand and insert the CD (with the label facing to the rear) into the CD compartment and close the CD compartment.
  2. Push the function selector switch ② to position CD.
  3. When the ON/OFF button ⑬ is pressed, the total number of CD tracks appears on the display. After a few seconds, the time is displayed again.
  4. Press the button PLAY/PAUSE ⑱ to start the playback of the first track. 01 appears first on the display, followed shortly thereafter by the time again.
- ⓘ Use the button PLAY/PAUSE ⑱ also to briefly interrupt the playing of a track. The playback can be resumed by pressing button PLAY/PAUSE ⑱ again.
5. Set the desired volume with the volume controller ⑱.
  6. The playback can be stopped by pressing button STOP ①.

## Further Functions of the CD Player

### ⏮ SKIP/FAST SEARCH ⏭

- ⇨ Press ⏭ ③, to skip to the next track, or press button ⏭ ③ several times to skip several tracks. Press ⑰ to jump to the start of a track, or press button ⏮ ⑰ several times to go back several tracks. If ⏮ ⑰ or ⏭ ③ are held depressed, certain points of a track can be found quickly.

### REPEAT ⑤ – Repeat playback / RANDOM ⑨ – Random playback

- ⇨ Press the button Play Mode ④ once to repeat the playback of a particular track. The REPEAT display ⑤ flashes.
- ⇨ Press the button Play Mode ④ once again to repeat the playback of the whole CD. The REPEAT display ⑤ lights up.
- ⇨ Pressing button Play Mode ④ again cancels this function. The REPEAT display ⑤ goes out.
- ⇨ The indicator light RANDOM ⑨ lights up. The CD tracks are played in random order.
- ⇨ Pressing button Play Mode ④ again cancels this function. The indicator light RANDOM ⑨ goes out.

### PROGRAM ⑯: For preprogramming tracks in any order

1. Insert the CD.
2. Press button ON/OFF ⑬. The total number of tracks appears briefly on the display.
3. Pressing the button PROGRAM ⑯ again displays <sup>P01</sup>. The indicator light PROGRAM ⑮ flashes.

4. Select your track with the buttons Skip/Fast Search ③/⑰. Then press the button PROGRAM ⑯ to save the track. Proceed as described above to program further tracks. A total of 20 tracks can be programmed.
5. Press the button PLAY/PAUSE ⑱ to start the playback.
6. Press the button STOP ① to stop the playback.

If you wish to repeat the programming later:

1. Press the button PROGRAM ⑯ again to activate the programming. The indicator light PROGRAM ⑮ lights up.
  2. Press the button PLAY/PAUSE ⑱ to play the programmed tracks.
- ⇨ To cancel the programming, open the CD compartment.

## Setting the Alarm Time and Alarm Type

With this appliance you can set two different wake-up times that can be used individually or simultaneously:

- AL 1 or AL 2
- or AL 1 and AL 2

### Setting the alarm time

- **Alarm (AL 1):**  
Press the button ALARM I ⑥. Press the buttons Minute ⑰ and Hour ③ to set the desired alarm time. The wake-up time is stored as soon as you press the button ALARM I ⑥. The indicator for Alarm I appears on the display. If you wish to switch off the alarm, press the button ALARM I ⑥.

- **Alarm (AL 2):**

Press the button ALARM II ⑥ and carry out the same steps as described above. The indicator for Alarm II appears on the display.

- ⇨ Now select the wake-up mode using the function selector switch ⑫ (CD, TUNER or BUZZER).
- Alarm mode BUZZER. Move the function selector switch ⑫ to the BUZZER position.
- Alarm mode Radio
  - ⇨ Carry out the steps 1 to 7 described under "Radio operation" to tune the radio to your desired station for the radio alarm.
- Alarm mode CD player
  1. Open the CD compartment ② and insert the CD (with the label facing to the rear) into the CD compartment and close the CD compartment.
  2. Push the function selector switch ⑫ to position CD.

- ① The total playing time of the CD in Alarm mode is 60 minutes.
- ① If no CD is inserted and alarm mode CD player is set, the alarm signal of the setting BUZZER sounds automatically.

### Switching OFF the alarm

The alarm time is programmed for 60 minutes.

- ⇨ SNOOZE: Press the button SNOOZE ⑩ to switch off the alarm temporarily. The alarm will then sound again after roughly 6 minutes.
- ⇨ ON/OFF: Press button ON/OFF ⑬. The alarm is switched off, but will sound again after 24 hours.
- ⇨ ALARM I/ALARM II: Press the ALARM I / ALARM II ⑥ button to switch off the alarm permanently.

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### Sleep timer

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- ⇨ Move the function selector switch ⑫ to position CD or TUNER.
- ⇨ When you press the button SLEEP ⑧, "90" appears on the display.
- ⇨ Press the button SLEEP ⑧ again to set the desired sleep time (90, 60, 30 or 15 minutes). This starts after a few seconds.
- ⇨ To stop the playback earlier, press the button ON/OFF ⑬.

- ① If the playing time of the CD is shorter than the sleep time set by you, the music ends as soon as all the tracks on the CD have been played.

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## Cleaning

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Wipe the appliance with a damp cloth. Do not use aggressive or chemical cleaning agents. These would result in damage to the appliance.

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## Disposal

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**Do not dispose of the device in normal domestic waste.**

Dispose of the device over a registered waste disposal firm or through your communal waste disposal facility. Observe the currently valid regulations. In case of doubt, consult your waste disposal facility.

### **Battery disposal!**

Batteries may not be disposed of with normal domestic waste. All consumers are statutorily obliged to dispose of batteries at the collection point in their community/district or with the original supplier. The purpose of this obligation is to ensure that batteries can be disposed of in an environmentally-friendly manner. Only dispose of batteries when they are fully discharged.

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## Warranty & customer service

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The warranty conditions and the service address can be found on the warranty card.

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