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SilverCrest

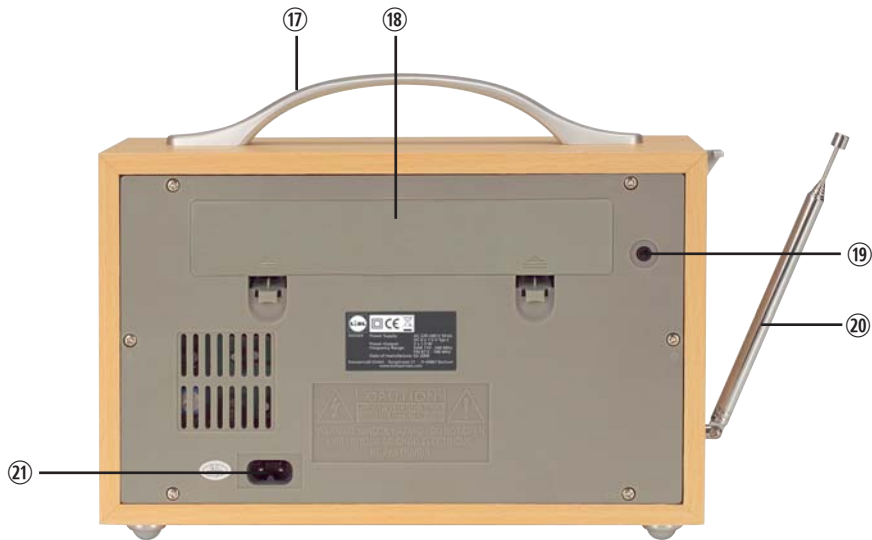
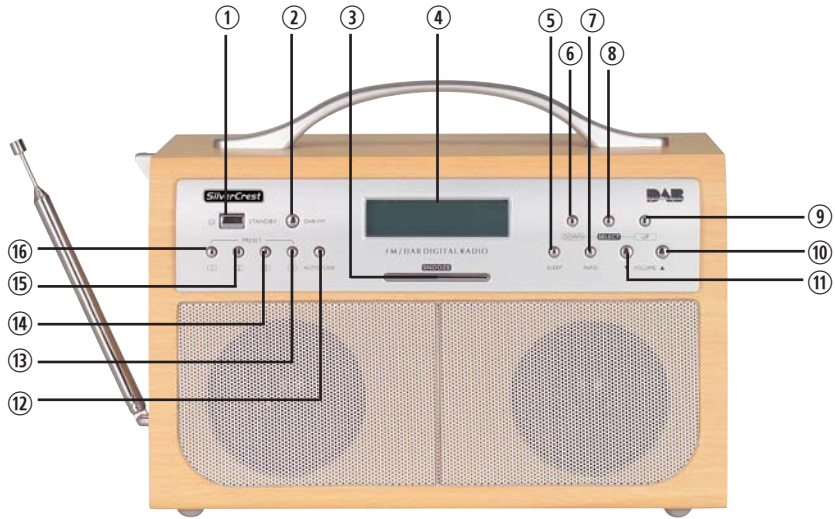
DAB Radio

Digital Audio Broadcasting



GB KH 2324 DAB-Radio
Operating Manual





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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.

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DAB Radio KH 2324

Proper Use

The DAB Radio is intended exclusively for the reception of digital as well as FM radio stations.

It is intended for private use only, not commercial use.

Delivery Contents

DAB Radio KH 2324
Power Cable
Operating Manual

Technical Data

Rated voltage: 230 V / 50 Hz

For battery operation: 6x 1,5 V Typ C batteries (not supplied)

Frequency range : DAB: 174 - 240 MHz
FM: 87.5 - 108 MHz

Temperature range: -5 bis 40°C

Safety instructions

- Do not allow children to handle electrical appliances when unsupervised - because they often underestimate the danger.

- In order to avoid unintentional switching on, disconnect the power cord after each use and before cleaning.
- Check the appliance and all parts for visible damages. The safety concept can work only if the appliance is in a faultless condition.
- The power plug must always be easily accessible, so that in the event of an emergency it can be quickly separated from the mains power supply.

⚠ Explosion Hazard!

- Do not throw batteries into a fire.
Do not recharge the batteries.

⚠ Danger of electric shock!

- Connect the appliance to a wall socket with a mains voltage of 230 V / 50 Hz.
- Do not use the appliance with a damaged power cable or power plug.
- If the power cable or the appliance become damaged or do not function correctly, you must have them repaired or exchanged as soon as possible by the customer service before re-using them.
- Never immerse the appliance in water. Wipe it only with a slightly damp cloth.
- Do not expose the appliance to the rain and never use it in a humid or wet environment.
- Ensure that the power cable never becomes moist or wet during operation.
- Do not open the casing or try to repair the appliance yourself. In this case, appliance-safety cannot be assured and the warranty is voided.

- Do not place objects containing fluids, e.g. flower vases, on the appliance.
- Do not use an extension cable. In emergencies the power plug must be quickly accessible.

⚠ Fire hazard!

- Do not use the appliance near hot surfaces.
- Do not keep the appliance in places that are exposed to direct sunlight, otherwise it may overheat and become irreparably damaged.
- Do not leave the appliance unattended when in use.
- Never cover the ventilation slots of the appliance while it is switched on.
- Do not place any open fire sources, e.g. candles, on the appliance.

⚠ Danger of injuries

- Keep the power cable and appliance away from children. Children frequently underestimate the danger from electrical appliances.
- Provide for a safe place for the appliance.
- Do not operate the appliance if it has fallen or is damaged. Have the appliance checked and repaired if necessary by qualified technicians.
- Keep batteries away from children. Children can put batteries into their mouths and swallow them.

⚠ Caution!

Notice regarding surge voltages (FEO / fast electrical overloads):

In the case of a malfunction due to fast electrical overload (surge voltage) the appliance must be reset (possibly the power supply needs to be separated and reconnected), in order to return to normal operation.

⚠ Electrostatic Discharge

In the case of a malfunction due to an electrostatic discharge the appliance must be reset (possibly the power supply needs to be separated and reconnected), in order to return to normal operation.

i Note: Cases of electrostatic discharge occur when one walks with plastic soled shoes over carpeted floors which also contain plastics in part. Through the friction of the soles on the carpet, a charge is created in the body which discharges itself as soon as an object suitable for conducting electricity is touched, e.g. a door handle or the bodywork of a vehicle. It is sufficient to be just a few centimetre away from the conducting object. Direct contact with the object is not essential to cause a discharge. The charge can then discharge itself over an electric arc. Static decay is therefore also possible through plastic housing parts.

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- i Note:** This appliance is equipped with non-slip rubber feet. As furniture surfaces are made of various substances and maintained with diverse care products, it cannot be completely excluded that some of these materials contain ingredients which may attack and soften the rubber feet. In cases of doubt, place an anti-slip material under the rubber feet of the appliance.

Description of the appliance

- ① STANDBY Button
- ② DAB/FM Button
- ③ SNOOZE Button
- ④ Display
- ⑤ SLEEP Button
- ⑥ DOWN Button
- ⑦ INFO Button
- ⑧ SELECT Button
- ⑨ UP Button
- ⑩ VOLUME Button ▲
- ⑪ VOLUME Button ▼
- ⑫ AUTOTUNE Button
- ⑬ Save Button PRESET 4
- ⑭ Save Button PRESET 3
- ⑮ Save Button PRESET 2
- ⑯ Save Button PRESET 1
- ⑰ Handle
- ⑱ Battery Compartment
- ⑲ Headphone Connection
- ⑳ Telescopic Aerial
- ㉑ Power Cable Connection

Power supply

- ⚠ Important!** Take note of the correct polarity of the batteries.

Batteries

Open the battery compartment on the rear side of the device and insert six batteries of type C 1.5V according to the markings in the battery compartment.

The use of rechargeable batteries is possible. However, these will not be recharged in the battery compartment.

- i Note:** Used batteries may not be disposed of in household waste. Return them to your retailer or to an appropriate collection site for disposal. Remove all batteries from the battery compartment if you are not planning to use the device for a longer period. The device can be irreparably damaged by leaking battery acids.
- i Note:** The DAB radio also uses power when in Standby-Mode. Therefore remove all batteries from the battery compartment if you are not using the device for a longer period. The radio station memory will then be lost.
- i Note:** To help preserve the batteries, in Standby Mode the display is not illuminated and the time is not shown.

External Power Supply

Connect the power cable to the mains power socket ⑳. The DAB radio switches automatically from battery to mains operation as soon as the connection is made.

Commissioning

1. Insert the supplied power cable into the mains power connector ㉑.
2. Insert the power plug into the mains power socket or insert batteries into the battery compartment ⑱. In the display ④ "Welcome Digital Radio" appears shortly. The clock starts at „00:00:00“.
3. Press the STANDBY button ① to switch the radio on. In the display ④ „Welcome! Digital Radio“ appears again. At the first switching on, or after resetting of the appliance, there appears afterwards „Autotune Fullscan“.

The radio searches for available radio stations in the DAB-Mode, in the meantime ④ „searching...“ appears in the display. Should no radio stations be found, „No Signal DAB“ appears in the display ④.

Adjusting Time and Date.

The time and the date are automatically transmitted from the radio stations. Should the DAB radio not receive any information, ④ „Time/Date“ is shown in the display.

Adjusting the volume.

- ⇨ Press the button VOLUME ▲ ⑩, to increase the volume.
- ⇨ Press the button VOLUME ▼ ⑪, to reduce the volume.

Connecting Headphones

You can also listen to the radio programme through a headphone.

- ⇨ Plug a headphone into the headphone connector ⑲.

The loudspeakers are muted as soon as headphones are connected.

DAB Mode

In DAB-Mode (DAB = Digital Audio Broadcasting) the radio receives digital radio stations.

With the first switching on of the radio the Scan-Mode (Station Search) starts automatically. Should a station already have been received, the radio starts with the last tuned station.

- ⓘ **Note:** Unlike an analog radio, with DAB several stations are bundled together to a station group and transmit on one frequency. When the radio has found a station group the name of the station and the station group are shown in the display.

Manual Station Search

1. Hold the button SELECT ⑧ depressed until „Manual Tune“ appears in the display.

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2. Press the button UP **9** or DOWN **6** to switch through the frequencies. Should the radio find a station group on a frequency, the name of the station group is displayed.
3. Press the button SELECT **8** to make a choice from the station group. The name of the first station in this station group is displayed.
4. Press the button UP **9** or DOWN **6** to switch through the stations bundled in this station group.
5. When you have selected a station, press the button SELECT **8**. You quit the manual station search.

Station Search (Auto-Tune)

You can choose between two different station search methods: „Quick Scan“ and „Full Scan“.

Quick Scan searches for the UK DAB III channel only. Full Scan searches for all DAB III channels. When the station search is finished, the station found first is shown in the display **4**.

- ⇨ To activate the „Quick Scan“, press the button AUTOTUNE **12** once. „Autotune Quick Scan“ appears in the display, then „Searching...“.
- ⇨ To activate „Full Scan“, hold the button AUTOTUNE **12** pressed until „Autotune Full Scan“ is shown in the display. Afterwards, „Searching...“ appears in the display, until all stations have been found.
- ⇨ To switch through the stations found, press the buttons UP **9** or DOWN **6**.
- ⇨ If you wish to end the station search prematurely, press the button UP **9** or DOWN **6**.

Autoselect

If you have activated Autoselect, with the buttons UP **9** or DOWN **6** you can select a station directly.

- ⇨ Press the button UP **9** or DOWN **6** until you have reached the desired station.
- ⇨ When you release the button UP **9** or DOWN **6**, the station is automatically selected.

If Autoselect is deactivated you must, after the selection, confirm the station chosen using the buttons UP **9** or DOWN **6** with the button SELECT **8**. If you do not confirm the selection, the previously selected station will be displayed again after four seconds.

- ⇨ To activate or deactivate Autoselect, press the button UP **9** or DOWN **6** and then immediately afterwards hold down the button SELECT **8** until, in the display **4**, „Autoselect ON“ or „Autoselect OFF“ is shown.

FM-Mode

- ⇨ Press the button „DAB/FM“ **2**, to switch between DAB and FM Mode. In the display **4** „Switching to FM“ or „Switching to DAB“ appears.

Manual Station Search

- ⇨ Press the button UP **9** or DOWN **6** to switch through the frequencies.

Station Search

- ⇨ Press the button AUTOTUNE **12**. The radio starts the station search and halts as soon as the **next higher** station is found.

⇨ Hold the button AUTOTUNE ⑫ down. The radio starts the station search and halts as soon as the **next lower** station is found.

i Note: If you recall a saving position in DAB Modus on which a station is not yet saved, „PRESET 1/2/3/4 empty“ is shown in the display.

Should an RDS-Signal (Radio Data System) be transmitted from the station found, additional information such as station name, time and song title are displayed.

Select Audio Mode

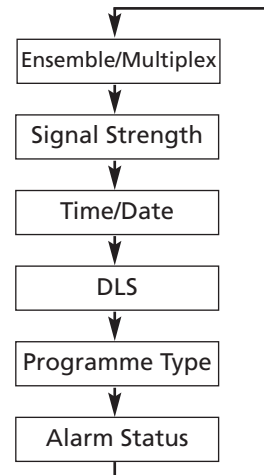
1. Press the button SELECT ⑧. In the display ④ „Audio mode“ appears.
2. Through further pressing on the button SELECT ⑧ you can choose between „Auto“ or „Mono“.

i Note: The radio switches automatically between Mono and Stereo. If however only a weak radio signal is received, manual switching to Mono can improve the quality.

Display

Through repeated pressing of the button INFO ⑦ you can call up various information details about the radio programme:

In DAB Mode:



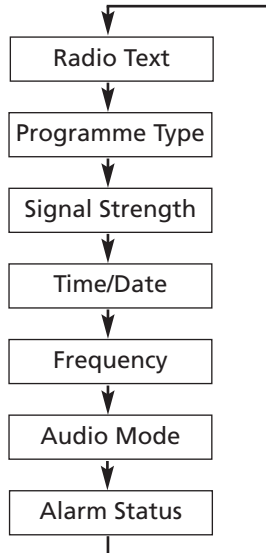
Save / Recall Stations

You can save four stations in FM Mode, as well as four station groups in DAB Mode.

1. Select the stations to be saved as described in the chapters „Station Search“ or „Manual Station Search“.
2. Press and hold the Save button on which the station is to be saved. (Button PRESET 1 ⑩, 2 ⑪, 3 ⑫, 4 ⑬), until in the display ④ „PRESET 1/2/3/4 stored“ is displayed.
3. To recall a saved station, press the appropriate button.

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In FM Mode:

**Radio Text**

Some stations transmit additional information about the song currently playing. If no additional information is available, „<RadioText>“ is shown in the display.

Programme Type

Here, details of the type of current programme are shown. If this information is not available, „<Programme Type>“ is shown in the display.

Signal Strength

Signal strength is shown in the display with a bar: The longer the bar, the higher the signal strength.

Time/Date

The time and date are automatically corrected through the RDS Signal. If this information is not being transmitted, „<Time/Date>“ will be shown in the display.

Frequency

The frequency of the current station is shown.

Audio Mode

The display shows whether a Mono or a Stereo signal is being received.

Alarm status

The display shows if the alarm is activated or not.

Ensemble/Multiplex

The name of the station group is shown. If additional information to the station group is available, this is displayed with a „>“ after the name of the station group.

DLS (Dynamic Label Segment)

DLS is an information service running in the display. It mostly contains detailed information about the programme.

Alarm Function

You can be woken by the DAB radio.

- ⓘ **Caution:** Do not use the alarm function in battery operation, in case the batteries are already weak.

Switching the alarm on/off

1. Press the button INFO ⑦ repeatedly, until „Alarm status“ appears in the display ④.

2. Press the button SELECT ⑧, to choose between ON and OFF.

The alarm sounds every day at the programmed time.

Setting the alarm time

1. Press the button INFO ⑦ repeatedly, until „Alarm status“ appears in the display.
2. Hold the button SELECT ⑧ down until „Alarm Time Set“ appears in the display. The minute indicator blinks.
3. Adjust the minutes with the button UP ⑨ or DOWN ⑥.
4. Press the button SELECT ⑧. The hour indicator appears.
5. Adjust the hours with the button UP ⑨ or DOWN ⑥.
6. Press the button SELECT ⑧.

The wake-up time is now programmed.

- ① **Note:** The wake-up time is programmable during radio operation as well as in Standby Mode.

Adjust Type of Alarm

When the wake-up time has been programmed, „Alarm Type“ appears in the display.

1. Press the button UP ⑨ or DOWN ⑥ to switch between the alarm types **BEEP, DAB** or **FM**.
2. Confirm the selected alarm type by pressing the button SELECT ⑧.
- 3a. If you have selected the alarm type **BEEP**, choose with the buttons UP ⑨ or DOWN ⑥ the volume of the BEEPs (Level 1 - 4).

- 3b. If you have selected the alarm type **FM**, choose with the buttons UP ⑨ or DOWN ⑥ the saving position (Button PRESET 1 ⑩, 2 ⑪, 3 ⑫, 4 ⑬), with which you wish to be woken.
- 3c. If you have selected the alarm type **DAB**, select with the button UP ⑨ or DOWN ⑥ the saving position (Button PRESET 1 ⑩, 2 ⑪, 3 ⑫, 4 ⑬), with which you wish to be woken.

- If you have entered the programming during the Standby-Mode, the DAB radio automatically switches back into the Standby Mode.
- If you have entered the programming during radio operation, the radio operation is automatically continued. Press the button STANDBY ①, if you would like to switch the radio off.

4. When the wake-up time is arrived at, the DAB radio switches itself into the desired modus.
5. To stop the alarm, press the button STANDBY ①.

Snooze Function

With the snooze function you can extend the alarm in 5 minute steps.

1. Press the button SNOOZE ③, when the alarm sounds. The time and „Snooze..“ are shown in the display. The alarm stops and sounds again after 5 minutes.

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Sleep Function

With the sleep function, the radio switches itself off after the programmed time. You can choose between 90 - 60 - 30 - 10 Minutes and OFF.

1. Press the button SLEEP ⑤ repeatedly, until the desired time is programmed.
2. Wait 2 seconds, then the display shows „SLEEP Confirmed.“ and the programmed time.
3. To deactivate a pre-programmed SLEEP time, press the button SLEEP ⑤ repeatedly, until the station name appears in the display ④.

i Note: Once the SLEEP time has been programmed this can no longer be amended. You must once again reprogramme the SLEEP time.

Return to Factory Settings

Should you be in other countries or districts, it may perhaps be necessary to return the radio to the factory settings in order to save the new stations.

1. Remove the mains plug or the batteries.
2. Hold the button SELECT ⑧ pressed, while you reinsert the mains plug or the batteries.
3. Hold the button SELECT ⑧ pressed, until „System reset“ appears on the display.
4. The DAB commences the station search.

You can now use the DAB radio as described.

i Note: When you have returned the DAB radio to the factory settings, ALL previous programmings are erased.

Cleaning

⚠ Danger of electric shock

Always remove the mains plug from the socket before you clean the appliance. You must never immerse the appliance in water when cleaning or hold it under running water. Clean the appliance externally with a lightly moistened cloth. Do not use aggressive cleaning agents.

Disposal



Do not dispose of the appliance in your normal domestic waste.

Dispose of the appliance through an approved disposal centre or at your community waste facility. Observe the currently applicable regulations. In case of doubt, please contact your waste disposal centre.

Disposing of batteries!

Do not dispose of the batteries with household waste. Each consumer is legally obliged to dispose of batteries or rechargeable batteries at a collecting point in his town / district or at a retail company. This obligation is intended to ensure that batteries are disposed of in an environmentally safe fashion.

Return batteries only in a depleted condition.

Important Warranty Notices

This appliance is guaranteed for 3 years from the date of purchase. Should you have cause for complaint with this appliance, despite our high quality standards, please contact our Service-hotline. If a telephonic resolution of your complaint is not possible, you will receive there:

- a processing number (RMA-Number) as well as
- an address to which you can send your appliance for repair under warranty.

Please include a copy of your purchase receipt with all postal submissions. The device should be packed in a manner that is safe for transport and the RMA number should be directly visible. Products sent in without the RMA number cannot be processed.

- i Note:** Warranty claims are only valid for material and manufacturing defects. Warranty claims are not valid
- for parts subject to wear and tear.
 - for damages to breakable parts such as switches and batteries.

The appliance is intended solely for private, not commercial, use. If this product has been subjected to improper or inappropriate handling, abuse, or modifications not carried out by one of our authorised sales and service outlets, the warranty will be considered void. Your statutory warranty rights are not limited or restricted by the provisions of this guarantee.

The warranty rights are valid only for the first purchaser and are not transferable.

Importer

Kompernaß GmbH
Burgstrasse 21
D-44867 Bochum

www.kompernass.com



Warranty

DAB-Radio KH2324

In order to ensure free repair, please contact the service hotline. Keep your cash receipt ready for this purpose.

© Kompernaß Service
United Kingdom

Tel.: 08707/876177

email: support.uk@kompernass.com

www.mysilvercrest.de

Fill in this section and submit it with the appliance!

Please write the sender's address clearly:

Last name

First name

Street

Postcode/Place

Country

Telephone

Date/Signature

Description of Defect:

