

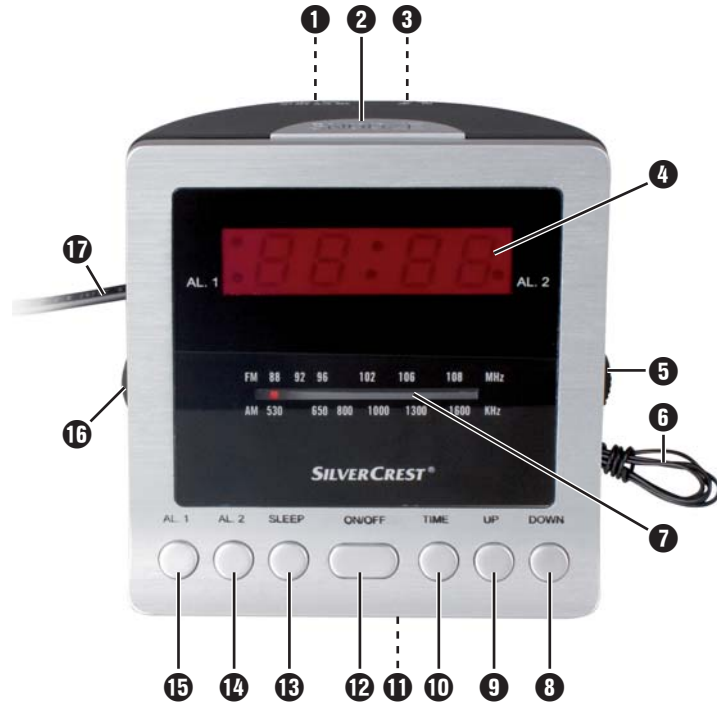
Clock Radio



KH 2190

GB Clock Radio
IE Operating instructions

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ID-Nr.: KH2190-05/10-V4



Index

Introduction	3
Information for these operating instructions	3
Copyright	3
Intended use	3
Safety	5
Danger from electric shock	5
Interaction with batteries	6
Basic Safety Instructions	6
Operating components	8
Setting up and connecting	9
Package contents and transport inspection	9
Set-up location requirements	9
Electrical connection	10
Inserting the battery	10
Providing mains power	11
Handling and operation	11
Setting the time	11
Radio operation	12
Programming alarm times	13
Switching the alarm function on	13
Switching the alarm function off	15
Snooze function ("SNOOZE" function)	15
Automatic Switch-off ("SLEEP" function)	15

Cleaning	16
Troubleshooting	16
Malfunction causes and remedies.	16
Storage	17
Disposal	18
Disposal of the appliance	18
Disposing of the batteries	18
Appendix	18
Information regarding the EG Conformity Declaration	18
Technical data	19
Warranty	20
Service	21
Importer	21

Introduction

Information for these operating instructions

These operating instructions are a component of the KH 2190 Clock Radio (henceforth designated as the appliance) and they supply you with important information about the intended use, safety and connection as well as operation of the appliance. These operating instructions must be kept available close to the appliance. They are to be read and used by anyone assigned to operate and repair faults in the appliance. Retain these operating instructions and pass them on to any future owners with the appliance.

Copyright

This documentation is copyright protected. Any copying and/or reproduction, wholly or partially, as well as rendition of the illustrations, also in a modified form, is permitted only with written consent from the manufacturer.

Intended use

This appliance is intended only for listening to radio programmes and for alarm calls by signal tones or the radio in indoor rooms. This appliance is not intended for any other use or for uses beyond those mentioned. Claims of any kind for damage caused by improper use, incompetent repair, unauthorized modification or the use of unauthorized parts are excluded. The risks from these are borne entirely by the user.

In these operating instructions the following warnings are used:

 DANGER

A warning at this danger level indicates a threatening dangerous situation.

In the event that the hazardous situation is not avoided it can lead to death or serious injury.

- ▶ Compliance to the instructions in this warning are necessary to avoid the danger of death or serious injury.

 WARNING

A warning at this danger level indicates a potentially dangerous situation.

If the dangerous situation is not avoided it can lead to injuries.

- ▶ The directives in this warning are there to avoid personal injuries.

IMPORTANT

A warning of this danger level signifies possible property damage.

If the situation is not avoided it can lead to property damage.

- ▶ The directives in this warning are there to avoid property damage.

NOTE

- ▶ A notice signifies additional information that assists in the handling of the appliance.

Safety

In this chapter you receive important safety information regarding handling of the appliance. This appliance complies with the statutory safety regulations. Incorrect usage can lead to injuries and property damage.

Danger from electric shock

DANGER

Life-threatening situation from electric shock!

A life-threatening situation can arise from contact with live wires or components!

Observe the following safety instructions to avoid electric shock hazards:

- ▶ Do not use the appliance if the mains power plug or the connection cable are damaged.
- ▶ Do not, under any circumstances, open the appliance housing. The risk of an electric shock is present if the power carrying connections are touched and the electrical and mechanical construction is changed.
- ▶ The appliance consumes power when in standby-mode. To completely separate the appliance from mains power, the power plug **MUST** be removed from the mains power socket. The appliance should be positioned so that you have unrestricted access to the mains power socket at all times, thus enabling the plug to be immediately withdrawn should an emergency situation arise.

Interaction with batteries

WARNING

Danger from improper use!

For safe handling of batteries observe the following safety instructions:

- ▶ Do not throw batteries into a fire.
- ▶ Do not short circuit batteries.
- ▶ Do not attempt to recharge batteries.
- ▶ Never open, solder or weld batteries. The risk of explosions and injuries exists.
- ▶ Regularly check the condition of the batteries. Leaking battery acid can cause permanent damage to the appliance. Special caution should be shown when handling damaged or leaking batteries. Danger from acid burns! Wear protective gloves.
- ▶ Store batteries in a place inaccessible to children. When swallowed seek immediate medical attention.
- ▶ If you do not intend to use the appliance for an extended period of time, remove the batteries.

Basic Safety Instructions

For safe handling of the appliance observe the following safety information:

- Before use check the appliance for visible external damage. Do not put into operation an appliance that is damaged or has been dropped.
- Damaged cables or connections should be replaced by authorised qualified persons or by the customer service department.

- Persons who, due to their physical, intellectual or motor abilities, are incapable of operating the appliance safely may only use the device under supervision or direction from a responsible person.
- Only permit children to use the appliance under supervision.
- Repairs should only be carried out by authorised specialist companies or by the customer service department. Incorrect repairs can result in danger to the user. In addition warranty claims become void.
- A repair to the appliance during the warranty period may only be carried out by a customer service department authorised by the manufacturer otherwise no additional warranty claims can be considered for subsequent damages.
- Defective components may only be replaced with original replacement parts. Only by using original replacement parts can you guarantee that the safety requirements are complied with.
- Protect the appliance from moisture and liquid penetration. Never submerge the appliance in water, do not place the appliance in the vicinity of water and do not stand any object filled with liquid (i.e. vases) on the appliance.
- Do not place any objects on the appliance.
- Do not operate the appliance in the vicinity of open flames (i.e. candles).
- Avoid direct sunlight.
- Always pull on the power plug when disconnecting from the wall socket, never pull on the connection cable.
- If malfunctions occur or thunder storms threaten pull the power plug from the wall socket.

Operating components

- 1 OFF AL1/2 AL2 AL1-Switch: Activate/Deactivate Alarm 1 and/or Alarm 2
- 2 SNOOZE Button: Alarm interrupt
- 3 FM/AM Switch: Frequency band selection
- 4 Display
- 5 TUNING regulator: Station selection
- 6 Wire antenna
- 7 Frequency scale
- 8 DOWN button: Adjustments downwards
- 9 UP button: Adjustments upwards
- 10 TIME button: Setting the time
- 11 Battery compartment
- 12 ON/OFF button: appliance on/off switch
- 13 SLEEP button: Setting the automatic switch off
- 14 AL.2 button: Setting Alarm time 2
- 15 AL.1 button: Setting Alarm time 1
- 16 VOLUME Regulator: Sound volume regulator/Alarm tone selector
- 17 Power Cable

Setting up and connecting

Package contents and transport inspection

The appliance is delivered with the following components as standard:

- Clock Radio
- Operating instructions

Extract the appliance and the instruction manual from the carton and remove all packaging material.

NOTE

- ▶ Check the contents to ensure everything is present and there are no signs of visible damage.
- ▶ If the contents are not complete or are damaged as a result of defective packaging or through transportation, contact the Service Hotline (see chapter **Service**).

Set-up location requirements

For safe and fault free operation of the appliance the set-up location must comply with the following provisions:

- Place the appliance on a firm, flat and even surface .
- Place the appliance so that the ventilation slots are not covered.
- Do not place the appliance in a hot, wet or very humid location or in the vicinity of flammable materials.

- The surfaces of furniture may contain components that can affect the rubber pads of the appliance and could soften them. If necessary, place a covering under the appliance's rubber pads.
- The mains power socket must be easily accessible so that, in an emergency, the plug can be quickly withdrawn from the socket.

Electrical connection

- Before connecting the appliance compare the connection data (Voltage and frequency) on the rating plate with that of the mains electric source. This data must be compatible to avoid possible damage to the appliance.
- Make sure that the appliance's connection cable is not damaged and is not laying over hot surfaces and/or sharp edges.
- Make sure that the connection cable is not tightly stretched or bent.
- Do not allow the connection cable to hang over edges (Trip wire effect).

Inserting the battery

By inserting a 9V Block battery (6LR61/6F22), in the event of a power failure you avoid losing the programmed time and alarm settings. The batteries ensures that the internal clock continues to run even during a power failure. When power is restored the correct time appears automatically in the display 4.

NOTE

- ▶ The display, radio and alarm do not function with battery-power alone.

- ◆ Open the cover of the battery compartment 11 on the bottom of the appliance.
- ◆ Insert a 9V Block battery (not supplied) into the battery compartment 11. Ensure that the polarities are correct.
- ◆ Close the battery compartment 11 by replacing the cover and allowing it to lock into place.

Providing mains power

- ◆ Plug the mains power plug into a wall socket. The time of day (0:00 o'clock) will be shown in the display 4.

VHF wire antenna

- ◆ For VHF reception completely unfold the wire antenna 6.

Handling and operation

In this chapter you receive important information for the handling and operation of the appliance.

Setting the time

- ◆ Press and hold the TIME button 10.
- ◆ Press and hold the UP button 9 resp. DOWN button 8 to set the time.
- ◆ Release the TIME button 10 when the correct time is indicated in the display 4. The adjusted time will be automatically accepted as soon as the TIME button 10 is released.

NOTE

- ▶ The time of day will reset to 0:00 if the appliance is disconnected from the mains power source and no batteries have been inserted.

Radio operation

- ◆ Press the ON/OFF button **12** to switch the appliance on.
- ◆ With the VOLUME controller **16** set the desired sound level.
- ◆ Set the desired frequency range using the FM/AM switch **3**.
- ◆ With the TUNING controller **5** set the desired radio station.

NOTE

- ▶ The technical realities of the appliance permit an adjustable frequency range outside the permitted frequency ranges of VHF (FM) 87.5 - 108 MHz and/or MW (AM) 526,5 - 1606,5 kHz. In some countries, different national regulations may apply to the assigned radio frequency ranges. Please note that information received outside of the assigned radio frequency ranges may not be used, passed on to third parties or otherwise misused.

Programming alarm times

When programming the alarm times, you can select whether, at the programmed time, alarm tones should sound or the radio should start playing. Two different alarm times (Alarm 1/Alarm 2) can be programmed.

- ◆ Press and hold the AL.1 button **15** resp. AL.2 button **14**.
- ◆ Press and hold the UP button **9** resp. DOWN button **8** to set the time.
- ◆ Release the AL.1 button **15** resp. AL.2 button **14** when the desired alarm time is displayed in the display **4**. The programmed alarm time is automatically taken over as soon as the AL.1 button **15** resp. AL.2 button **14** is released.

NOTE

- ▶ If you wish to check the programmed alarm time, press the AL.1 button **15** resp. the AL.2 button **14**. The programmed alarm time appears in the display **4**. Release the AL.1 button **15** resp. AL.2 button **14** to return to the current time display.

Switching the alarm function on

- ◆ Place the OFF AL1/2 AL2 AL1 switch **1** in the desired position. The alarm function is now activated. As a control, a point appears in the display **4** to the left or right.

Alarm call with the radio

If you wish to be woken by the radio, carry out the following additional settings in addition to programming the alarm time:

- ◆ Press the ON/OFF button **12** to switch the appliance on.
- ◆ Set the desired frequency range using the FM/AM switch **3**.
- ◆ With the TUNING controller **5** set the desired radio station.
- ◆ Use the VOLUME regulator **16** to set the sound volume level at which you wish to be woken.
- ◆ Place the OFF AL1/2 AL2 AL1 switch **1** in the desired position. The corresponding alarm indicators light up in the display **4**.
- ◆ Press the ON/OFF button **12** to switch the appliance off.

Being woken with the alarm tone

- ◆ Turn the VOLUME regulator **16** towards OFF/BUZZ until you hear a click.
- ◆ Place the OFF AL1/2 AL2 AL1 switch **1** in the desired position. The corresponding alarm indicators light up in the display **4**.

Switching the alarm off

- ◆ During the time that the alarm sounds press the ON/OFF button **12** to switch the alarm off for 24 hours.

Switching the alarm function off

- ◆ Place the OFF AL1/2 AL2 AL1 switch **1** in the position OFF. The alarm indicators go out in the display **4**.

Snooze function ("SNOOZE" function)

- ◆ Whilst the alarm is sounding press the SNOOZE button **2** to temporarily switch off the alarm. After 7 minutes the alarm sounds again.

Automatic Switch-off ("SLEEP" function)

With the "Sleep" function the appliance switches itself off after a time lapse of between 1 and 59 minutes.

- ◆ Press the ON/OFF button **12** to switch the appliance on.
- ◆ Press and hold the SLEEP button **13**. The time counts down from 59 minutes.
- ◆ Press or hold the UP button **9** resp. DOWN button **8** to set the switch-off time more quickly.
- ◆ Release the SLEEP button **13** as soon as the desired switch-off time is indicated in the display **4**.

Cleaning

DANGER

Life-threatening situation from electric shock!


- ▶ Remove the plug from the mains power socket before cleaning.
- Clean the surfaces of the appliance with a soft, dry cloth.

Troubleshooting

In this chapter you will receive important information for the localisation of malfunctions and their remedies. Observe the instructions in order to avoid danger and damage.

Malfunction causes and remedies

The following table will help with localizing and remedying minor malfunctions:

Defect	Possible cause	Solution
Appliance does not switch on.	The plug is not inserted.	Insert the plug into the mains power socket.
	Mains power socket is not supplying power.	Check the circuit fuse.
No sound	The volume is set to minimum.	Increase the sound volume with the VOLUME regulator  .

Defect	Possible cause	Solution
Noisy radio reception	The radio station is not properly tuned in.	Tune in the radio station properly with the TUNING controller 5 .
	Reception is too weak.	Try to improve reception by moving the wire antenna 6 .

NOTE

- ▶ If you cannot solve the problem with the aforementioned methods, please contact Customer Service .

Storage

If you do not intend to use the appliance for an extended period of time, disconnect it from the mains power supply, remove the battery and store it at a clean, dry location that is not subjected to direct sunlight.

Disposal

Disposal of the appliance



Do not dispose of the appliance in your normal domestic waste. This product is subject to the provisions of European Directive 2002/96/EC.

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 the batteries

Do not dispose of the batteries with household waste. Every consumer is legally obligated to hand in batteries at a collection centre in his/her community/district or a dealer. This obligation is intended to ensure that batteries are disposed of in an environmentally safe fashion. Hand batteries in only when they are fully discharged.

Appendix

CE Information regarding the EG Conformity Declaration

This appliance complies with, in regard to conformance to the basic requirements and other relevant regulations, the European Directive for Electromagnetic Compatibility 2004/108/EC, the Low Voltage Directive 2006/95/EC as well as the Eco-Design Directive 2009/125/EC (Supplement 1275/2008 Appendix II, Nr.1).

The complete original declaration of conformity can be obtained from the importer.

Technical data

Operational voltage	220-240 V / 50 Hz	
Batteries for power reserve	1 x 9 V Block battery Type 6LR61/6F22 (Batteries not supplied)	
Power consumption		
Operation	5	W
Standby	approx. 1.5	W
Max. Loudspeaker Output Power	250 mW	
Frequency FM (USW)	87.5 - 108 MHz	
Frequency AM (MW)	526.5 - 1606.5 kHz	
Operating temperature	+5 - +40	°C
Humidity (no condensation)	5 - 90	%
Measurements (H x W x D):	12.9 x 12 x 9	cm
Weight	approx. 440	g
Protection class	II □	

Warranty

You receive a 3-year warranty for this appliance as of the purchase date. This appliance has been manufactured with care and meticulously examined before delivery.

Please retain your receipt as proof of purchase. In the case of a warranty claim, please get in touch, by telephone, with our service department. Only in this way can a post-free dispatch for your goods be assured.

NOTE

- ▶ The warranty adjustment is valid only for material or manufacturing defects not, however, for transport damage, wear and tear or for damage to breakable parts, i.e. switches or rechargeable batteries.

This product is for private use only and is not intended for commercial use. The warranty is void in the case of abusive and improper handling, use of force and internal tampering not carried out by our authorised service branch.

Your statutory rights are not restricted in any way by this warranty. The warranty period will not be extended as a result of warranty adjustments. This applies also to replacement and repaired parts.

Damage and defects potentially present at the time of purchase must be reported immediately after unpacking or, at the very least, two days after date of purchase.

After expiry of the warranty period incidental repairs are subject to payment.

Service

GB **DES UK LTD**

Tel.: 0871 5000 700 (£ 0.10 / minute)

e-mail: support.uk@kompernass.com

IE **Kompernass Service Ireland**

Tel: 1850 930 412 (0,082 EUR/Min.)

Standard call rates apply. Mobile operators may vary.

e-mail: support.ie@kompernass.com

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