

PROJECTION ALARM CLOCK

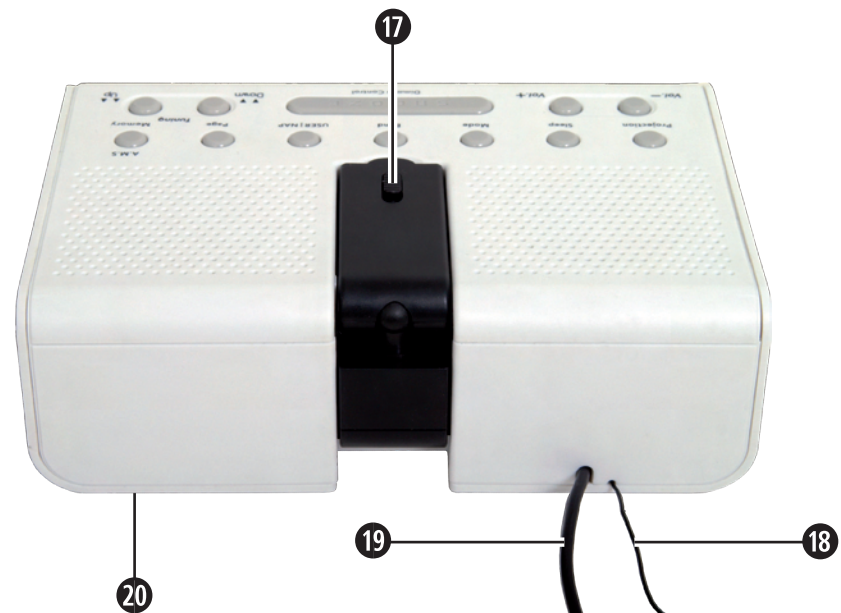
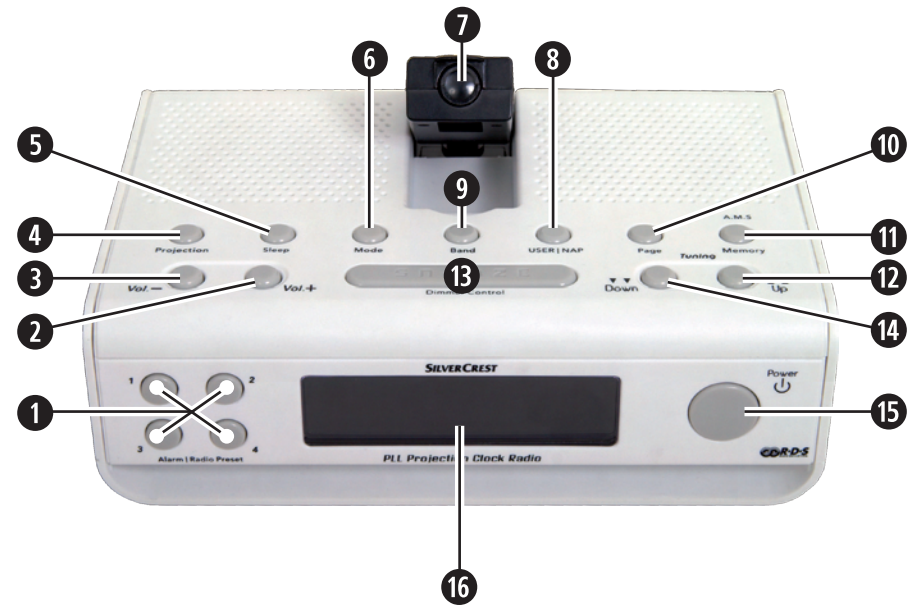
KH 2218

GB PROJECTION ALARM CLOCK**IE** Operating manual**CY**

KOMPERNASS GMBH
BURGSTRASSE 21 · D-44867 BOCHUM
www.kompernass.com
ID-Nr.: KH 2218-9/09-V7

09/2009

SILVERCREST



INDEX	PAGE
Intended Use	2
Items supplied	2
Technical Data	2
Safety information	2
The appliance components	4
Putting the appliance into use	5
Radio operation	8
Cleaning	10
Troubleshooting	10
Notice regarding conformity	10
Importer	10
Disposal	11
Warranty & Service	11

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

Projection Alarm Clock KH 2218

This documentation is copyright protected. All rights including those of photographic reproduction, duplication and distribution by means of particular methods (for example data processing, data carriers and data networks), wholly or partially as well as substantive and technical changes are reserved.

Intended Use

This radio alarm is intended for displaying the time and for the reception of VHF and MW radio programmes. Additionally, the appliance is fitted with an alarm function using either radio or a signal tone. This radio alarm is not intended for use in commercial or industrial applications. No warranty is provided for damages resulting from improper use of the appliance!

Items supplied

- 1 Projection Alarm Clock KH 2218
- 1 Operating manual

Technical Data

Power supply:	220-240 V~, 50 Hz
Power consumption in radio operation:	5 Watt
Standby:	1.2 Watt
Output level:	2 x 450 mW bei 10% THD
Frequency range :	VHF (FM) 87.5 - 108 MHz MW (AM) 526.5 - 1606.5 kHz
Operating temperature:	+ 5 - +35 °C
Storage temperature :	-20 - +50 °C
Humidity:	5 - 90 % (No condensation)

Dimensions (W x H x D):	21 x 7 x 14.1 cm
Weight :	840 g approx.
Protection class:	II / □
Backup Batteries	2 x 1.5 V, Type AAA/ Micro (not supplied)

Safety information

Warning

A warning of this danger level signifies a possible dangerous situation. If the dangerous situation is not avoided it can lead to injuries. Follow the directives in this warning notice, so as 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.

Notice

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

Warning: Risk of electric shocks.

- Connect the appliance only to correctly installed and earthed mains power sockets. Ensure that the rating of the local power supply tallies completely with the details given on the rating plate of the appliance.
- Arrange for Customer Services to repair or replace connecting cables and/or appliances that are not functioning properly or have been damaged.
- Keep the power cable and appliance away from children. Children frequently underestimate the dangers of electrical appliances.
- NEVER submerge the appliance in water. Wipe it only with a slightly damp cloth.

- Do not expose the appliance to rain and never use it in a humid or wet environment.
 - Always take hold of the power cable by the plug. Do not pull on the cable itself and never touch the power cable with wet hands, this could result in either a short circuit or you receiving an electric shock.
 - Do NOT place the appliance itself, furniture items or similar objects on the power cable and take steps to ensure it cannot become jammed or trapped in any way.
 - Make sure that the power cable does not become wet during operation.
 - You are not permitted to open the appliance housing or to repair or modify the appliance. If the housing is opened or irregular modifications are made, you run the risk of receiving a potentially fatal electric shock and the warranty lapses.
 - Protect the appliance against drip and spray water. Do not place any water-filled vessels (e.g. flower vases) on or near the appliance.
 - Check the appliance and all parts for visible damages. The safety concept can work only if the appliance is in a faultless condition.
 - Always remove the power plug before cleaning the appliance.
- This appliance is not intended for use by individuals (including children) with restricted physical, physiological or intellectual abilities or deficiencies in experience and/or knowledge unless they are supervised by a person responsible for their safety or receive from this person instruction in how the appliance is to be used. Children should be supervised to ensure that they do not play with the appliance.
 - Provide a stable location for the appliance.
 - Do not operate the appliance if it has sustained a fall or is damaged. Arrange for the appliance to be checked and, if necessary, repaired by qualified technicians.
 - Keep batteries well away from children. Children could put batteries into their mouths and swallow them.
 - If a battery is swallowed, seek medical assistance IMMEDIATELY.



Warning: Explosion hazard!

- Do not throw batteries into a fire. Do not recharge the batteries.
- Never open batteries, never solder or weld batteries. The risk of explosions and injuries exists!



Warning: Risk of fire!

- Do not use the appliance near hot surfaces.
- Do not place the appliance in locations that are subject to direct sunlight. If you do, it may overheat and become irreparably damaged.



Warning: Injury hazard!

- NEVER make a knot in the power cable and do NOT bind it together with other cables. The power cable must be laid so that no one can step on or trip over it.
- The power plug must always be easily accessible, so that in the event of an emergency the appliance can be quickly disconnected from the mains power supply.

- Never cover the ventilation slots of the appliance while it is switched on.
- Do not place open fire sources, such as candles, on or near the appliance.

Caution with thunderstorms!

- Equipment connected to a power supply can be damaged during a thunderstorm. You should therefore always pull the power plug from the power socket when there is a storm.

Warnings about interaction with batteries

The appliance uses batteries for memory storage. When handling batteries, please observe the following:

- If you do not intend to use the appliance for an extended period, remove the batteries.
- Regularly check the condition of the batteries. Leaking batteries can cause damage to the appliance.
- Should the batteries leak, put on a pair of protective gloves and clean the battery compartment and terminals with a dry cloth.

Notice regarding separation from mains-power

The **POWER** button on this appliance does not completely disconnect it from the mains power network. Additionally, the appliance consumes power when in standby-mode. To completely separate the appliance from mains power, the plug **MUST** be removed from the wall socket.

Notice regarding electrical power surges (EFT / electrical fast transient) and electrostatic discharges:


In a case of malfunction due to an electrical fast transient (power surge) and/or electrostatic discharge, the appliance must be returned to default settings in order to re-establish normal operation.

This could mean that it must be disconnected from the power supply and then reconnected. The batteries (if present) must be removed and then reinserted.

Notice

No liability/warranty claims will be considered for damage to the appliance caused by the effects of moisture, water penetration, overheating or due to unauthorised modifications!

The appliance components

- | | |
|---|-------------------------------------|
| ① Alarm Radio Preset 1 - 4 | |
| ② Vol. + | - Volume increase |
| ③ Vol. - | - Volume decrease |
| ④ Projection | - Time projection on/off switch |
| ⑤ Sleep | - Controls the switch-off timer |
| ⑥ Mode | - Recalls the adjustable parameters |
| ⑦ Projektor | - Projects the time display |
| ⑧ USER NAP function | - User switching, Timer |
| ⑨ Band | - Switches the radio waveband |
| ⑩ Page | - Switches the memory pages |
| ⑪ A.M.S. Memory | - Autom. radio station save |
| ⑫ ▲▲ Up | - Selector button upwards |
| ⑬ SNOOZE
Dimmer Control | - Snooze button, Brightness switch |
| ⑭ ▼▼ DOWN | - Selector button downwards |
| ⑮  POWER | - On/Off switch for radio functions |
| ⑯ DISPLAY | - Indicator area |
| ⑰ Focus adjuster | - for focussing the time projection |
| ⑱ Wire aerial | - for VHF reception |
| ⑲ Power cable | |
| ⑳ Battery compartment | - for the backup batteries |

Putting the appliance into use

First take all appliance components from the packaging and remove all packing foil and tape. Check the appliance for signs of visible damage.

Inserting the back-up batteries

The back-up batteries ensure that the time, date and alarm time settings are not lost in the event of a power cut. For this you require two 1.5 V batteries of the type AAA/Micro. They are not supplied.

1. Open the lid of the battery compartment 20 on the underside of the radio alarm.
2. Insert the batteries. Ensure the polarities are correct.
3. Close the lid of the battery compartment 20. The lid must audibly engage.

i Note:

The back-up batteries must be checked at least once per year and, if necessary, exchanged for new ones.

Providing mains power

- Insert the plug into a mains power socket. In the display 16 the welcome "PLEASE WAIT FOR SETTING THANKS" appears. During this period the radio alarm attempts to update its settings for time and date with the help of RDS signals. Should you wish to interrupt this process, press any button. Should the automatic update fail, make the required adjustments manually.

Setting the time

To programme in the time and the following parameters, radio operation must be switched off. If a button is not pressed within approx. 15 seconds, the appliance saves the adjustment and then leaves the programming mode.

1. Press the MODE button 6. The time display blinks.

2. Press the buttons DOWN/UP 14/12 to set the time at minute intervals. Pressing and holding the button changes the time in ten-minute intervals.

Setting the date

1. Press the MODE button 6 once again. In the display 16 the date indication "01.01.2009" blinks.
2. Press the buttons UP/DOWN 14/12 to set the date in day intervals. Pressing and holding one of the buttons changes the date in a fast sequence.

Programme City

1. Press the MODE button 6 once again. In the display 16 the indicator for the city sign blinks below the "LOCAL CITY" display.
2. Press the buttons UP/DOWN 14/12 to programme in the time zone for a city resp. your general place of residence. Pressing and holding one of the buttons changes the indicator faster. Here is an overview of the programmable cities and the time differences:

Abbr.	Diff.	City
HNL	-10	Honolulu /USA
ANC	-9	Anchorage /USA
YVR	-8	Vancouver /Canada
LAX	-8	Los Angeles /USA
DEN	-7	Denver /USA
CHI	-6	Chicago /USA
MEX	-6	Mexico City /Mexico
NYC	-5	New York /USA
YYZ	-5	Toronto /Canada
YUL	-5	Montreal /Canada
CCS	-4	Caracas /Venezuela
RIO	-3	Rio De Janeiro /Brazil
BUE	-3	Buenos Aires / Argentina
UTC	0	Universal Time Coordinated
LON	0	London /UK
MUN	1	Munich /Germany
FRA	1	Frankfurt /Germany
PAR	1	Paris /France

Abbr.	Diff.	City
ROM	1	Rome /Italy
CAI	2	Cairo /Egypt
IST	2	Istanbul /Turkey
MOW	3	Moscow /Russia
KWI	3	Kuwait City/Kuwait
DXB	4	Dubai /Saudi Arabia
KHI	5	Karachi /Pakistan
DAC	6	Dacca /Bangladesh
BKK	7	Bangkok /Thailand
SIN	8	Singapore
HKG	8	Hong Kong
PEK	8	Beijing /China
TYO	9	Tokyo /Japan
SYD	10	Sydney /Australia
NOU	11	Noumea / New Caledonia
AKL	12	Auckland / New Zealand

3. Press the button SNOOZE **(B)** to switch the daylight saving time for the selected time zone either on or off. The display indicates "SUM ON" resp. "SUM OFF" accordingly.
4. If you have activated the summer daylight saving time, it is automatically switched off when the appliance receives an RDS-Signal.

Programme World Time

1. Press the MODE button **(6)** once again. In the display **(16)** the indicator for the city signs blinks below the "WORLD CITY" display.
2. Press the buttons UP/DOWN **(14)/(12)** to set the desired world time. Pressing and holding one of the buttons changes the indicator faster. Also here, the above listing of programmable cities and their time difference is valid.
3. Press the SNOOZE button to switch the summer daylight saving time either on or off for the selected time zone. The display indicates "SUM ON" resp. "SUM OFF" accordingly.

Programme the reminder function

You can programme in up to 10 dates on which the appliance can give you a reminder when they arrive.

1. Press the MODE button **(6)** once again. In the display **(16)** a date and the SDA 1 indicator for the memory date 1 blinks.
2. Press the buttons UP/DOWN **(14)/(12)** to programme in the first desired memory date. Pressing and holding one of the buttons changes the indicator faster.
3. If you press the SNOOZE button **(B)**, the year number will be deactivated and you will thus receive a reminder on this date every year.
4. Should you wish to programme in further dates, press the Page button **(10)** to select a memory slot from 2-10.
5. Proceed as above with further dates.
6. To deactivate the memory function, programme in a date that lies in the past.

Programme the Update function

With this function the appliance can automatically up-date the time by using RDS-Data.

1. Press the MODE button **(6)** once again. The display **(16)** indicates "UPDATE ON".
2. Press the button DOWN **(14)** to deactivate the up-date function. The display **(16)** then shows "UPDATE OFF".
3. Press the button UP **(12)** to reactivate the up-date function.

Programme time for the slumber function

1. Press the MODE button **(6)** once again. The display **(16)** indicates "SNOOZE 09".
2. Press the buttons DOWN/UP **(14)/(12)** to adjust the time span for the switch off timer to between 01 and 59 minutes.

Selecting 12 or 24 hour time display

1. Press the MODE button **(6)** once again. The display **(16)** indicates "24HR".
2. Press the button DOWN **(14)** to select the 12 hour modus. In the display **(16)** appears "12HR".

3. Press the button UP **12** to return to the 24 hour modus.

Adjusting the projection duration

1. Press the MODE button **6** once again. The display **16** indicates "PROJ T OFF".
2. Press the buttons DOWN/UP **14/12** to adjust the projection duration to between 01 and 59 minutes. In the adjustment "OFF" the projection is permanent and can be switched off by pressing the PROJECTION button **4** once again.

Press the MODE button **6** once again to close adjustment.

Timer function

1. Press the button USER|NAP **8**. In the display **16** the NAP indicator appears.
2. Using the buttons DOWN/UP **14/12** set the desired time interval (a time span between 1 minute and 23:59 h is possible).
3. Press the button USER|NAP **8** once again to start the Timer. In the display **16** the remaining time is indicated.
4. When the time has lapsed, the Timer signal sounds for approx. 1 minute, the NAP-Indicator blinks and the date and time are shown again.
5. Press any button to end the alarm.
6. If you wish to end the Timer function before the alarm, press and hold the button USER|NAP **8** for one second.



Alarm function (Alarm 1 to 4)

You can programme in up to four alarm times on your radio alarm. If a button is not pressed within approx. 15 seconds, the appliance saves the adjustment and then leaves the programming mode. Pressing and holding one of the buttons DOWN/UP **14/12** changes the alarm time in intervals of 10 minutes.

1. Press one of the Alarm|Radio Preset buttons 1-4 **1**. In the display **16** the last programmed alarm time and the symbol for the type of alarm blink (see below).
2. Press the buttons DOWN/UP **14/12** to

set the desired alarm time.

3. Once again press the selected Alarm|Radio Preset button, if need be repeatedly, until the desired alarm function (see tabel) is indicated in the display **16**.

Alarm function	Symbol in the display 16
Acoustic signal	
Radio	
Switched off	no symbol

4. Press the button SNOOZE **13** to set the weekdays on which you require the alarm function: You can choose between "Workdays" (MON, TUE, WED, THU, FRI), "Weekend" (SAT, SUN), "Every day" and "On a specific day" (MON, TUE, WED, THU, FRI, SAT, SUN). Orientate yourself on the weekday indicator at the top right in the display:

MON:	= Monday
TUE	= Tuesday
WED	= Wednesday
THU	= Thursday
FRI	= Friday
SAT	= Saturday
SUN	= Sunday
5. Hold the button SNOOZE **13** pressed down for 2 seconds when you want to be woken on a specific weekday. To programme this weekday, repeatedly press the SNOOZE button **13**.
6. To return to the selection of workdays, weekends or whole weeks, once again hold the SNOOZE button **13** pressed down for 2 seconds.
7. After approx. 15 seconds the display **16** returns to time indication. The adjustment for the alarm function is now saved and will be shown.

8. If needed, programme the other memory positions for alarm times as detailed above.

When the alarm signal sounds...

- ... and the alarm function "Radio" is selected, the radio switches itself on with increasing sound volume and the last adjusted radio station for one hour.
- ... and the alarm function "Signaltones" has been selected, the signal tone sounds for 10 minutes.

To close the individual alarm function press any button except the SNOOZE button 15.

The Slumber function

When you press the SNOOZE button 15, the presently active alarm is cancelled for the time that is programmed for this function (see Section "Programme time for the slumber function", 1 - 59 min., standard value = 9 min.). Meanwhile the SNZ indicator glows in the display 16.

The Reminder function

The appliance will remind you of the dates that you have programmed in with the reminder function. In these cases and on these days, from 08:00 - 23:00 and on every full hour, the reminder alarm will sound for 10 minutes. Additionally, the SDA indicator blinks in the display 16.

Press any button to end the reminder alarm..


Adjusting changing display indicators

When the appliance is in Standby, press the button DOWN 14. In the display appears "D-" (for Time and Date). Press the button DOWN 14 once again, "-W" appears in the display (for Time and World Time). Press the button DOWN 14 once again, "DW" appears in the display (for Time, Date and World Time in rotation). Press the button DOWN 14 once again, "--" appears in the display (only Time).


Radio operation

The technical data of the appliance makes possible an adjustable frequency range wider than the permitted frequency ranges of 87,5 - 108 MHz resp. 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. For VHF radio reception, completely unwind the wire aerial 18 and, with the radio switched on, determine the most favourable positioning for it. The appliance has a built-in aerial for MW reception. To improve MW reception, if required, turn the radio until it is in the most favourable position.

Switching the radio on and off

1. Press the button Power 15. In the display 16 the current frequency and the switch-on symbol  is indicated.
2. Press the button POWER 15 once again to switch the radio function off and return the appliance to the standby mode.

Manual station selection

1. Use the waveband select button 9 to select the required reception waveband, MW (AM) or VHF (FM).
2. Press the button UP 12 to search for radio stations with a frequency higher than the one indicated in the display.
3. Press the button DOWN 14 to search for radio stations with a frequency lower than the one indicated in the display.
4. If the found radio station transmits RDS-Data, the  RDS indicator in the display 16 glows. The display 16 indicates the name of the radio station and the time is updated (insofar as this adjustment is activated, see the section "Programme the Update function").

Automatic station search

You can also let the appliance search for radio stations. The radio alarm then searches the selected frequency range until it has found a radio station.

1. Press and hold the button UP **12** for two seconds: The radio alarm searches for the station with the next highest frequency.
2. Press and hold the button DOWN **14** for two seconds: The radio alarm searches for the station with the next lowest frequency.

Repeat these steps until you have found a radio station to your liking.

Programming stations

For each of 2 users you can save 20 VHF stations and 12 MW stations as favourites in the appliance. These memory slots are spread over several pages, which can be called up via the Page button **10**. On each page there are 4 Sender slots, they can be addressed with the Alarm | Radio Preset buttons 1 - 4 **1**.

1. Press the Page button **10** to call up the required memory page 1 - 5. In the display **16** the number of the just selected memory page appears below "PAGE".
2. Tune in to the desired station.
3. Briefly press the button A.M.S. Memory **11**. In the display **16** the number and the memory slot indicator "MEM" blink.
4. Now press the desired Alarm | Radio Preset button 1 - 4 **1** at which the radio station should be saved. Confirm it with the A.M.S. Memory button **11**. The radio station is now saved and will be permanently indicated.
5. As the appliance can be used by several people, it is equipped with user switching, A and B. Both users can thus save different radio stations as favourites. To switch over to the individual user, press and hold the USER | NAP button **8** for two seconds.
6. Repeat the steps 1 - 4 (for both users) until all desired radio stations have been saved.

AMS (Automatic Memory System)

With the AMS function the radio searches automatically for radio stations and then saves them to the memory positions..

- Press and hold the button A.M.S. Memory **11** for two seconds. The radio alarm automatically searches for sufficiently powerful radio stations and saves them in the memory.

Accessing the station


1. To recall a saved radio station, in Radio mode first select the desired user, A or B.
2. Now select the required memory page with the Page button **10**.
3. Press the desired Alarm | Radio Preset button 1 - 4 **1** under which the radio station is saved.

Adjusting the volume.

- In radio modus, repeatedly press the button VOL - **3** to reduce the sound volume. To the right in the display **16** the current sound volume setting is indicated in steps from *V 0 - 18*.
- Repeatedly press the button Vol. + **2** to increase the sound volume.

Switch-off Timer

This appliance is fitted with a switch-off timer for up to 90 minutes.

1. Press the button Sleep **5** to call the function up and, if need be, to switch the radio on.
2. Repeatedly press the button Sleep **5** to enter in the remaining playing time in steps of 10 minutes. After a few seconds, the frequency is indicated once again.
3. In the display **16** the Sleep indicator appears .
4. At any time you can press the Sleep button **5** to blend in the remaining countdown time for a few seconds.
5. On expiry of the time period the appliance switches itself off.
6. To switch the timer off prematurely, press the POWER **15** button.

Dimming the Display

You can adjust the display brightness in three levels by pressing the SNOOZE / Dimmer Control button **13**.

Projection

The time can be projected from the appliance onto a wall or the ceiling. This function is intended for reading the time in darkness. During the day in well lit rooms you will hardly be able to use the projection facility.

1. For this, first fold the projector **7** out.
2. Switch the function on with the Projection button **4**.
3. Direct the projector **7** onto the desired surface area.
4. Using the focus regulator **17** sharpen the image.
5. The time will now be projected onto the desired surface area for the pre-adjusted timespan (see section "Adjusting the Projection duration").
6. Should you wish to switch this function off prematurely, press the Projection button **4** and fold the Projector in.

Cleaning

Warning!

Always remove the mains power plug before cleaning the appliance! Moisture penetrating into the appliance creates the risk of electric shock! Additionally, the appliance could become irreparably damaged!

Clean the housing of the radio alarm only with a slightly moist cloth and a mild detergent. Ensure that moisture cannot permeate into the appliance during cleaning!

Troubleshooting

The appliance doesn't work.

- ⇒ Is the plug of the power cable **19** inserted firmly into the power socket?
- ⇒ Has the circuit breaker tripped?
- ⇒ Is there a power cut?

Poor VHF reception.

- ⇒ Change the alignment of the wire aerial **18**. If necessary, firmly position it with adhesive tape.

Poor MW reception.

- ⇒ Change the alignment of the appliance.

Loss of all programming after a power cut.

- ⇒ Batteries were not inserted to retain the memory.
- ⇒ The batteries inserted for memory retention are exhausted. Replace them.

The projected time is difficult to read.

- ⇒ Using the focus regulator **17** sharpen the image.

Notice regarding conformity

This appliance has been tested against, and found to be in compliance with, the fundamental requirements and other relevant stipulations of the EMC Directive 2004/108/EC, as well as the Guidelines of the Low Voltage Directive 2006/95/EC.

Importer

KOMPERNASS GMBH
BURGSTRASSE 21
44867 BOCHUM, GERMANY

www.kompernass.com

Disposal

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



Disposing of the appliance

- Arrange for the product, or parts of it, to be disposed of by a professional disposal company or by your communal waste facility.
- Observe the currently applicable regulations. In case of doubt, please contact your waste disposal centre.

Disposal of batteries/accumulators

- Used batteries/rechargeable batteries may not be disposed of in household waste.
- Batteries/rechargeable batteries can contain toxic substances which may damage the environment. Therefore, dispose of the batteries/rechargeable batteries in accordance with statutory regulations.
- Every consumer is legally obliged to surrender batteries/rechargeable batteries to a community collection centre in their district or to a dealer. The purpose of this obligation is to ensure that batteries are disposed of in a non-polluting manner.
- Only dispose of batteries when they are fully discharged.

Disposal of packaging

Dispose of the packaging materials in an environmentally responsible manner. 

Warranty & Service

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 make contact by telephone with our service department. Only in this way can a post-free despatch for your goods be assured.

The warranty covers only claims for material and manufacturing defects, but not for transport damage, wearing parts or for damage to fragile components, e.g. buttons or 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 modifications not carried out by our authorized Service Centre.

Your statutory rights are not restricted in any way by this warranty.

The warranty period is not extended through repairs made under warranty. This applies also for replaced or repaired parts. Any damages or deficiencies found on purchase must be reported as soon as possible after unpacking, at the latest two days after purchase. On expiry of the warranty, all repairs carried out are subject to payment.

GB DES UK LTD

Tel.: 0871 5000 700 (£ 0,10 / minute)
e-mail: support.uk@kompennass.com

IE Kompennass Service Ireland

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

Standard call rates apply. Mobile operators may vary.
e-mail: support.ie@kompennass.com

Free Manuals Download Website

<http://myh66.com>

<http://usermanuals.us>

<http://www.somanuals.com>

<http://www.4manuals.cc>

<http://www.manual-lib.com>

<http://www.404manual.com>

<http://www.luxmanual.com>

<http://aubethermostatmanual.com>

Golf course search by state

<http://golfingnear.com>

Email search by domain

<http://emailbydomain.com>

Auto manuals search

<http://auto.somanuals.com>

TV manuals search

<http://tv.somanuals.com>