

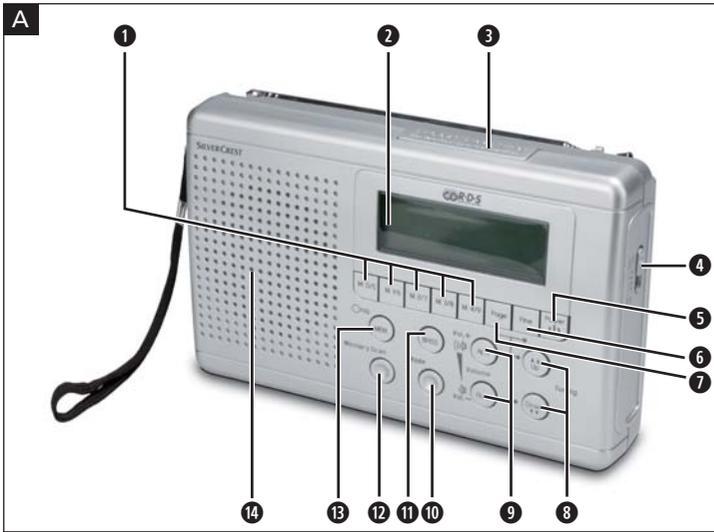
## ■ MULTI-BAND RADIO



**Multi-Band Radio**  
Operating instructions

KOMPERNASS GMBH  
BURGSTRASSE 21 · D-44867 BOCHUM  
www.kompernass.com  
ID-Nr.: KH2029-11/09-V1

**SILVERCREST®**



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# MULTI-BAND RADIO KH2029

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Before using the device for the first time, read these operating instructions carefully and keep them for later reference. Hand the instructions over when transferring the device to a third party.

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## Intended use

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This device is designed to receive generally approved radio transmissions in all countries (world receiver) and only for domestic use.

Utilisation other than as described here is not permitted and it could lead to damages and injuries. No liability will be accepted for damages resulting from misuse or improper handling, the application of force or unauthorised modifications.

## Technical Data

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*This appliance fulfills, in regard to conformity with, the fundamental requirements and other relevant provisions of the EMC Directive 2004/108/EC, the Low Voltage Directive 2006/95/EC and the Ecodesign Directive 2009/125/EC (Commission Regulation 1275/2008 Annex II, No .1).*

Power consumption:	5 watts
Power consumption Standby:	1.4 W
Operating temperature:	+5 ~ +35 °C
Humidity:	5 ~ 90% (no condensation)
Dimensions (W x H x D):	181 x 111 x 39 mm
Appliance weight:	375 g approx.
Power transformer weight:	185 g approx.

## Batteries

4x 1.5 V, Type AA/LR6/Mignon (not supplied)

## Frequency range radio:

VHF (FM):	87 - 109 MHz
SW:	5.85 - 17.90 MHz
MW (AM) Europe	522 - 1656 kHz
MW (AM) USA	520 - 1710 kHz
LW	144 - 299 kHz

*The technical features of the device enable the frequency ranges stated above to be set. Various countries may have different national rules on the radio frequency ranges assigned. Please note that you may not sell, transfer to third parties or abuse information received outside the assigned radio frequency ranges.*

## Tuning ranges (NORMAL/FINE):

FM (VHF)	100 kHz /50 kHz
SW	5 kHz /1 kHz
MW (AM) Europe	9 kHz /1 kHz
MW (AM) USA	10 kHz /1 kHz
LW	1 kHz
Sensitivity:	SW can be set to 2 intervals

## General

Memory positions : 1 600 (400 for each frequency range)

## Headphones

Model: E105

Impedance: 32  $\Omega$

Wideband characteristic

Voltage (WBCV): approx. 206 mV

## Headphone socket

max. Output voltage: approx. 80 mV

## Power transformer

Manufacturer: S&S MFG. LTD.

Model: A400-75

Primary: 230 V ~ 50 Hz / 30 mA

Secondary: 7.5 V DC 400 mA / 3VA

## Symbols used

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These symbols bring to your attention that here a warning notice follows in regard to one of the following matters:

- Risk of injury,
- Risk of electric shocks,
- Risk of fire,
- Risk of explosion,

plus bringing your attention to important matters such as:

- Information regarding the handling of batteries,
- Information about voltage surges,
- Information about mains-power disconnection.



This symbol warns about submersing the appliance in water or other liquids.



This symbol warns you about hearing damage.



**Note:**

With this symbol you are given tips about interaction with the appliance.

## Safety information

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- This device has not been designed for use by people (including children) with restricted physical, sensory or intellectual abilities or lack of experience and/or knowledge, unless they are supervised by a responsible person (for their own safety) or have received instructions on how to use the device.
- Children should be supervised to ensure that they do not play with the device.
- In order to avoid the device being switched on unintentionally, remove the adapter from the mains socket after each use and before cleaning.
- Check the device and all parts for visible damage. The device's safety concept can only work if the device is in perfect condition.
- A mains adapter connected to the device must always be easily accessible so that the device can be quickly disconnected from the mains power in an emergency.

## **Risk of electric shock!**

- Connect the mains-power adapter only to correctly installed and earthed mains sockets. Ensure that the rating of the local power supply tallies completely with the details given on the rating plate of the appliance.
- Damaged adapters or mains cables should be exchanged immediately by an authorised technician or the Customer Service in order to avoid risks.
- Connection cables or devices that do not work perfectly or have been damaged should be repaired or exchanged immediately by Customer Services.



*Never immerse the device in water! Simply wipe it with a slightly damp cloth.*

- Do not expose the wall wart to rain or use it in a damp or wet environment.
- Ensure that the connection cable is never wet or damp when in use.
- You must not open or repair the device's housing. This can be dangerous and renders the warranty null and void.
- Protect the device from moisture and sprayed water. Therefore do not place any objects filled with water (e.g. vases) on or near the device.

## **Risk of fire!**

- Do not use the device near hot surfaces.
- Do not set the device up where it is exposed to direct sunlight. This could cause it to overheat and damage it beyond repair.
- Never leave the device unattended during operation.
- Never cover the device's ventilation slots when it is switched on.
- Do not place open flames, such as candles, on or near the device.

## **Risk of injury**

- Keep children away from the connection cable and device.  
Children frequently underestimate the danger of electrical devices.
- If the device has fallen down or is damaged it must no longer be used.  
Have the device checked by a qualified specialist and, if necessary, repaired.
- Batteries must not be handled by children.  
Children can put batteries in their mouths and swallow them.  
If a battery has been swallowed, obtain medical assistance immediately.

## **Thunder storms!**

*Devices connected to mains power can be damaged during a thunder storm. If there is a thunder storm, always remove the mains plug from the socket.*

## **Information on voltage surges (EFT/electrical fast transient) and electrostatic discharges:**

*If the product does not work properly due to electrical fast transient processes (voltage surges) or electrostatic discharge, it must be reset to restore normal operation. If necessary, remove the plug from the power socket and insert it again. The batteries (if used) must be removed and reinserted.*

## **Information on separating the device from mains power**

*The POWER button on this device does not completely separate it from the mains network. In addition, the device uses power when in standby mode. In order to completely separate the device from the mains supply the plug must be removed from the mains socket.*

## **Notes on handling batteries**

The device uses batteries. Please note the following on handling batteries:

### **Risk of explosion!**

*Do not throw batteries into a fire. Do not recharge batteries.*

- Never open, solder or weld batteries. There is a risk of explosion and injury!
- Check batteries regularly. Leaking batteries can damage the device.
- If the appliance is not going to be used for long periods, remove the batteries.
- If batteries leak, put on protective gloves.
- Clean the battery compartment and contacts with a dry cloth.

### **Caution!**

*No liability/warranty applies to damage to the device caused by moisture due to water penetrating the device or overheating!*

# Operating elements

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## **A** Front panel

- 1 Save buttons M.0/5 - M.4/9
- 2 Display
- 3 Button SNOOZE
- 4 Waveband selector switch (LW/SW/MW/FM)
- 5 POWER button
- 6 FINE button
- 7 PAGE button
- 8 UP/DOWN buttons
- 9 VOL+(AL-1)/VOL-(AL-2) buttons
- 10 MODE button
- 11 BASS button
- 12 MEMORY SCAN button
- 13 MEM button
- 14 Loudspeakers

## **B** Back

- 15 Stand
- 16 Aerial
- 17 Carrying strap
- 18 switch SW SEN. (DX/LX)
- 19 Headphone output
- 20 EXT. DC 7.5 V 400 mA: Mains adapter connection

# Starting up

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## Unpack the device

Remove all packaging materials.

### **Caution!**

*Do not let children play with the plastic film. There is a risk of suffocation.*

## Check the items supplied

Whilst unpacking, check that all of the following items are available to you:

- Shortwave Radio
- Power transformer
- Headphones
- Storage case
- These operating instructions

## Mains and battery operation

When you disconnect the radio from the mains supply, any settings you may have made (time, alarm, stations in memory) will be lost. If you wish to keep these settings, insert batteries (see below) before disconnecting.

## Inserting batteries

The device can also be operated with batteries (not supplied) as well as from the mains. You will need four 1.5V mignon batteries, size AA, LR6.

- Open the battery compartment on the rear of the device by sliding the cover downwards.
- Insert four batteries into the compartment, paying attention to the polarity.

- Replace the cover on the battery compartment.

If the batteries are too weak, this is indicated on the screen by a flashing symbol  .

## Mains connection

- Connect the plug of the mains adapter to the **EXT. DC 7.5 V 400 mA** socket on the side of the device.
- Plug the mains adapter into an easily accessible socket. To avoid tripping hazards, please avoid using an extension cable.

## Connecting headphones

On the left side of the radio, you will find the headphone socket.

### **Caution!**

*With this appliance, use only the supplied type E105 headphones.*

- Insert the headphone jack plug into the headphone output.
- The speaker will be deactivated automatically.



### **Caution:**

*Listening to music with headphones for long periods and at high volume levels can lead to hearing damage!*

# General functions

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## Key lock

In order to prevent changing the settings unintentionally by touching the buttons, you can activate the key lock.

- Press and hold down the **MEM** button for around 3 seconds. On screen, the message  flashes. All buttons, except the buttons **SNOOZE** and **MEM**, are now blocked.
- Press and hold down the **MEM** button again for about 3 seconds to cancel the key lock. The  message on the screen disappears.

## Screen lighting

- Press any button to illuminate the screen. The screen will remain lit for about 10 seconds.

## Stand

- Fold out the base on the rear of the device to make the device more stable.

# Time functions

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When the power supply is effective (mains or battery operation), the device launches with an automatic update.

"SYSTEM SETTING PLEASE WAIT" appears in the display.

When an RDS signal is received, the time and date are adjusted automatically. Subsequently, the current time is shown in the display.

If the time is not adjusted automatically, make the settings manually, as explained in the following sections.

The time functions can only be set when the radio is switched off. If an RDS signal is not received at the first switch-on, the pre-adjusted time for the multi-band radio begins with "0:00 00".

If the device is disconnected from its power supply the settings are lost.

## Time, date, time zone and world time

You can set the time, date and time zone via the **MODE** button. In addition, you can check and adjust the world time, the date alarm, medium wave reception, the alarm time interruption and the hour mode as well as switch the automatic update on or off.

When you press the button **MODE** with the radio switched off, the function to be programmed blinks for about 15 seconds. During this time, adjust the setting with the **UP/DOWN** buttons.

- Press **MODE** x 1: Setting clock time
- Press **MODE** x 2: Setting the date
- Press **MODE** x 3: Set time zone ("Local City")
- Press **MODE** x 4: Show world time
- Press **MODE** x 5: Date alarm
- Press **MODE** x 6: Set reception range for medium wave.
- Press **MODE** x 7: Set alarm pause.
- Press **MODE** x 8: Set 12/24 hour mode.
- Press **MODE** x 9: Switch automatic update on/off

To apply a setting, just wait until the screen stops flashing (the screen reverts to the time indication) or press **MODE** to move on to the next function.

## Setting clock time

- Press **MODE** once. The most recently set time flashes on the screen.
- Press the **UP** or **DOWN** button to move the time forward or backward at minute intervals. Hold down one of the buttons for a few seconds to move the setting forward or backward quickly at 10 minute intervals.

### **Note:**

*Set the time without summer time offset. If summer time is required, this can be set when setting the time zone.*

## Setting the date

- Press **MODE** again or twice.

The date set flashes on the screen ("Tu 1-01-08" when first switched on).

- Press the **UP** or **DOWN** button to move the date forward or backward. Keep either of these buttons pressed for a few seconds to change the date in ten-day steps.

The weekday indication follows automatically. The indication uses the first two letters of the English name of the day.

The built-in calendar runs from 2000 to 2099.

### ***Day of the week indication:***

**Su** = Sunday

**Mo** = Monday

**Tu** = Tuesday

**We** = Wednesday

**Th** = Thursday

**Fr** = Friday

**Sa** = Saturday

## Setting the time zone

- Press **MODE** again or three times. The selected time zone flashes on the screen as the abbreviation for the corresponding city (**UTC** when first switched on); the time disappears.
- Press the **UP** or **DOWN** button to move the time zone forward or backward.

The following table summarises the city abbreviations for the time zones and time differences.

Short code	Difference from CET	Summer time	Town
HNL	-10:00	no	Honolulu/USA
ANC	-9:00	yes	Anchorage/USA
YVR	-8:00	yes	Vancouver/Canada
LAX	-8:00	yes	Los Angeles/USA
DEN	-7:00	yes	Denver/USA
CHI	-6:00	yes	Chicago/USA
MEX	-6:00	no	Mexico City/Mexico
NYC	-5:00	yes	New York/USA
YYZ	-5:00	yes	Toronto/Canada
YUL	-5:00	yes	Montreal/Canada
CCS	-4:00	no	Caracas/Venezuela
RIO	-3:00	no	Rio de Janeiro/Brazil
BUE	-3:00	no	Buenos Aires/Argentina
UTC*	0:00	yes	Universal Time Coordinated
LON	0:00	yes	London/GB
MUN	1:00	yes	Munich/Germany
FRA	1:00	yes	Frankfurt/Germany
PAR	1:00	yes	Paris/France
ROM	1:00	yes	Rome/Italy
CAI	2:00	no	Cairo/Egypt
IST	2:00	yes	Istanbul/Turkey
MOW	3:00	yes	Moscow/Russia
KWI	3:00	no	Kuwait City/Kuwait
DXB	4:00	no	Dubai/United Arab Emirates
KHI	5:00	yes	Karachi/Pakistan
DAC	6:00	yes	Dhaka/Bangladesh
BKK	7:00	no	Bangkok/Thailand
SIN	8:00	no	Singapore
HKG	8:00	no	Hong Kong
PEK	8:00	no	Beijing/China
TYO	9:00	no	Tokyo/Japan
SYD	10:00	yes	Sydney/Australia
NOU	11:00	no	Noumea/New Caledonia
AKL	12:00	yes	Auckland/New Zealand

## **\*UTC**

*Universal Time Coordinated (UTC). UTC is the reference for the times of the various time zones around the world.*

## **Summer time offset**

Not every time zone around the world differentiates between summer and winter time. To display your timezone correctly you must, subject to the actual time zone, activate or deactivate the Summer Time offset.

- While the time zone indication is still flashing, press the **SNOOZE** button. The screen shows the **SUN OFF** message when summer time has been deactivated.
- Press the **SNOOZE** button again. The screen now shows **SUN ON**. Summer time offset is now activated and the clock moves one hour ahead.

## **Show world time**

- Press **MODE** again or four times to show the world time. The city abbreviation appears with the corresponding time.
- Press the **UP** or **DOWN** button to move the time zone forward or backward.

### **Note:**

*To properly show your programmed world time, you must activate or deactivate the Summer Time offset for each world time.*

## Special date alarm

- Press the **MODE** button a fifth time to set the special date alarm. The screen flashes **SDA1** and the date in succession.
- Press the **PAGE** button to select one of the ten settable date alarms (**SDA1 – SDA 10**).
- Press the **UP** or **DOWN** button to set the date on which the alarm should sound.
- Press the **SNOOZE** button to ignore the year number setting so that the alarm sounds every year.
- When the current date tallies with the date of the SDA alarm, at 08.00 on this day the alarm tone will sound. In addition, the **SDA** message will flash on the screen.
- Turn off the alarm by pressing any button.

### **Note:**

*In order to completely deactivate the date alarm set a date that is in the past!*

## Setting 12/24 hour mode

- Press **MODE** eight times. The screen shows the "**24 HR**" message for 24-hour mode.
- Press the **UP** button to set the 24 hour mode.
- Press the **DOWN** button to set the 12 hour mode.

"**12 HR**" is displayed on the screen. In the afternoon in addition **PM** is shown on the screen.

## Switch Automatic Update (RDS) On/Off

With this function the device can automatically update the settings for date and time from the RDS signal.

- Press the button **MODE** nine times. In the display the indication **UPDA ON** appears.
- Press the button **DOWN** to switch the automatic update off.
- Press the button **UP** to switch the automatic update back on.

## Select display mode

You can select which information is shown on the screen when the radio is switched off.

The selected mode is indicated by a corresponding symbol on the screen.

When the radio is switched off, select the display mode by repeatedly pressing the **FINE** button in accordance with the following table:

Symbol on the screen display mode

CLK	only the time is displayed
CITY	The time and world time are shown in succession
DATE	The time and date are shown in succession
CIT DAT	the time, date and world time are shown in succession

## Alarm function

This multi-band radio provides you with two independently adjustable alarm times, AL1 and AL2. You can programme for both ...

...if the device should sound an alarm on every workday, at the weekend, the whole week or on a single specific weekday;

...if the alarm should sound with an alarm tone or with the radio.

## Setting the alarm time

You can set two alarm times in your world receiver.

Alarm function	Symbol on the screen
Radio	
Acoustic signals	
Switched off	No symbol

- With the radio switched off, press the buttons **VOL.+ / AL-1** (or **VOL.- / AL-2**). The screen shows the most recently set alarm time and the symbol for the alarm type.
- Press the **UP** or **DOWN** button to move the alarm time forward or backward at minute intervals. Hold down one of the buttons for a few seconds to move the setting forward or backward quickly at 10 minute intervals.
- Press the **VOL.+ / AL-1** (or **VOL.- / AL-2**) button until the desired alarm function (see table above) is indicated on the screen.
- Press the **SNOOZE** button to set the weekday on which you want the alarm to sound:

You can select between workdays (Mo, Tu, We, Th, Fr), weekends (Sa, Su), the whole week (Su, Mo, Tu, We, Th, Fr, Sa) or a single weekday.

The selected setting is shown on the display.

- Press the **SNOOZE** button until the desired alarm days are set. Hold down the **SNOOZE** button until the screen shows an individual week day.
- Press the **SNOOZE** button to set the desired week day.

To go back to selecting week days, weekend or every day, briefly hold down the **SNOOZE** button again.

- Press the **MODE** button to save the setting and return to the time mode. The setting is also saved if you wait around 15 seconds until the screen returns to displaying the time.

### When the alarm sounds...

- and the "Radio" alarm function has been selected, the radio operates for one hour at a predefined alarm volume. To switch off press the **VOL.+/AL-1** (or **VOL.-/AL-2**) button.
- and the "signal sounds" alarm function has been selected, the signal sound is played for 10 minutes. To switch off press the **VOL.+/AL-1** (or **VOL.-/AL-2**) button.

### **Note:**

*Please note that a station must be selected for the radio alarm to work.*

### Interrupting the alarm

- Press the **SNOOZE** button to interrupt the alarm for 10 minutes.

## Set snooze time

- With the radio switched off, press the button **MODE** seven times. The screen displays the snooze time set (default is "SNO 10").
- Use the **UP** and **DOWN** buttons to set the snooze time to a time between 1 and 59 minutes.

## Turning off the alarm function

- Press the **VOL.+ / AL-1** or **VOL.- / AL-2** button until the relevant alarm symbols disappear from the screen.

## Stop watch function

The stop watch function is only available when the radio is switched off.

- Press and hold down the **PAGE** button for around 2 seconds, the screen shows **00.00.0 U**.
- Press **SNOOZE** to start the stop watch. The maximum time for the stop watch is 99 minutes and 59 seconds. If the stop watch exceeds the maximum time, **99:59.0** is displayed and flashes.
- During time measurement, it can be stopped by pressing **SNOOZE**.
- Pressing **SNOOZE** again restarts the stop watch.
- Hold down **SNOOZE** to reset the stop watch.
- Leave the stop watch by pressing **PAGE**.

## Countdown function

The countdown function is only available when the radio is switched off.

### Set and save countdown

- Press and hold down the **MEMORY SCAN** button for around 2 seconds, the screen shows **D 00.00**.

- Press the **UP** or **DOWN** button to set the desired time.

5 countdown times are preset on the memory buttons and you can open these directly using the corresponding memory button:

Button **M.0/5**      10:00

Button **M.1/6**      30:00

Button **M.2/7**      45:00

Button **M.3/8**      60:00

Button **M.4/9**      90:00

- Press the **MEM** button to save the set time, the memory space indicator **MEM** flashes on the screen. Now use the **M.0/5–M.4/9** buttons to select a memory space; when you press the relevant memory key the time is saved in this memory space and the time previously stored there overwritten.
- When the **MEMORY SCAN** button is pressed again you leave the countdown mode.

### Call up and activate the countdown function

- Press and hold down the **MEMORY SCAN** button for around 2 seconds, the screen shows **D 00. 00**.
- Select the desired, saved countdown time with the aid of the **M.0/5–M.4/9** memory buttons.
- Press **SNOOZE** to start the countdown. Pressing the **SNOOZE** button again pauses the countdown.

When the set time has been counted down, an alarm sound plays for one minute becoming gradually higher in tone and louder.

- Press the **MEMORY SCAN** button to pause the countdown and leave countdown mode.

# Radio operation

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## Switching on/volume control

- Press the **POWER** button to switch the radio on. **ON** will appear briefly on the screen, followed by the current frequency and band selection.
- Press the **VOL.+/AL-1** or **VOL.-/AL-2** button to control the volume:  
Button **VOL.-/AL-2**: quieter;  
Button **VOL.+/AL-1**: louder.

The volume is shown on the bar indicator to the bottom right of the screen.

## Switch on bass amplifier

- When the radio is switched on, press the **BASS** button to switch on the bass amplifier. The screen will flash **BASS**.
- In order to switch the bass amplifier off again, press **BASS** one more time. The **BASS** message disappears.

## Switch display message

- In radio operation press the **MODE** button to switch between displaying the time and frequency.

## Turning off

- Switch the radio off by pressing the **POWER** button. **OFF** is shown briefly on the screen and the time is displayed again.

## Sleep function

You can activate the sleep function via the **SNOOZE** button. You can set a time of up to 90 minutes in ten-minute steps, after which the radio will automatically turn itself off. To do so, first switch the radio off.

- Press the **SNOOZE** button. The symbol for the sleep function  and **90** (for 90 minutes) will appear.
- Press the **SNOOZE** button repeatedly until **90** is displayed to count down the sleep time in 10 minute steps.
- Either select a sleep time (the sleep symbol  remains on the screen) or press **SNOOZE** again until **00** appears on the screen.  
The sleep time is now switched off.

## Setting the station

- Select the required frequency band (**FM**, **MW**, **LW** or **SW**), using the frequency select button.

The corresponding abbreviation will appear on the screen.

- The **UP** and **DOWN** buttons can now be used to set the desired frequency.
- If you keep **UP** or **DOWN** pressed for about three seconds, the automatic station search will start.
- The search stops as soon as a station with sufficient signal strength is found.

## Setting the MW band

Since the radio transmitter systems differ from one country to another, you should make the appropriate setting via the reception range setting:

- With the radio switched off, press the button **MODE** six times and then select, using the buttons **UP** resp. **DOWN**, the appropriate reception range as per the following table:

Region	Channel spacing	Band range
Amerika	10 kHz	520-1710 kHz
Europa	9 kHz	522-1656 kHz

## Fine tuning

If a station can not be found precisely the fine tuning can be use to improve reception.

- During the channel search press the **FINE** button, the screen shows **FINE**.
- Now, using the buttons **UP** resp. **DOWN**, adjust the required reception range with smaller frequency steps.
- By pressing the **FINE** again you leave the fine tuning function again.

This function is not available for the LW frequency range.

## Aerial

The rotatable telescopic aerial on the radio can be used for the FM and SW bands.

- Pull the aerial out fully and arrange it for optimum reception.

The **SW SEN.** switch on the left side of the device can be used to improve the reception quality for the SW band. Select **LX** for strong stations and **DX** to improve reception for weak stations.

The telescopic aerial does not work in the MW and LW bands. In these bands, the radio uses its built-in ferrite aerial.

- Align the radio for best reception.

## Memory functions

### Save station

The world receiver can save 400 stations in each frequency range.

To store a station, proceed as follows:

- Set the frequency range with the frequency selection switch and then the station that you want to save.
- Press the **MEM** button. The screen shows the **PAGE** memory page and **MEM** flashes.
- Within 10 seconds press the **PAGE** button (the **PAGE** message flashes), and then select a memory page (from 00–39) using the **UP** or **DOWN** button.
- Within 10 seconds use the **M.0/5–M.4/9** buttons to select a memory space to store the station. For example, press the **M.0/5** button once for memory space **0** and again for memory space **5**. The occupancy is shown on the screen.
- Press **MEM** again to save the station. The **PAGE** and **MEM** messages are shown on a permanent basis.

### **Note:**

*If the world receiver is connected to the mains adapter and no batteries have been inserted, the station memories are lost when the adapter plug is pulled from the socket.*

## Selecting a saved station

- In order to select a saved station directly, first use the frequency selection switch to select the frequency range where the station is saved.
- Press the **PAGE** button and then use the **UP** or **DOWN** buttons to select a memory page (from 00–39).
- Within 10 seconds press the **M.0/5–M.4/9** buttons to select a memory space to store the station.

The station is played immediately after entering the memory space.

## Carry out automatic station search

Your world receiver can search the frequencies within a range and store the stations it finds. Do the following to activate the automatic search (automatic memory scan/AMS):

- Press the **MEM** button once. The **MEM** message flashes.
- Hold down the **MEMORY SCAN** button for about 1 second.

The world receiver now searches all frequencies in the currently selected frequency range and saves the stations it finds from the currently set memory page and memory space.

## Displaying memory spaces

- Press the **MEMORY SCAN** button to call up the content of all station memories for the selected band.

All stored stations will be played in succession for about five seconds.

- Press the button **SNOOZE** to finish the rendering of the memory positions.

### **Note:**

Please take note that with this the snooze function will be activated. Repeatedly press the button **SNOOZE** until 00 appears in the display.

# Cleaning

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## **Risk of injury from electric shock:**

- *Disconnect the device from the mains power before cleaning it!*
- *Never immerse the device's parts into water or other liquids!*
- *Do not allow liquid to penetrate the housing.*

## **Cleaning the housing:**

Clean the housing surface with a slightly damp cloth.

Never use petrol, solvent or detergents that could attack the plastic!

# Disposal

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## **Device disposal**



Never dispose of the device in the normal household rubbish.

Dispose of the device using an authorised disposal company or your local disposal facility. This device is subject to European Directive 2002/96/EC. Please follow the currently valid regulations. In case of doubt, contact your disposal facilities.

## **Disposal of batteries**

Batteries must not be disposed in the household rubbish. Each consumer is obliged by law to bring batteries/rechargeable batteries to a collection point provided by the local authority/council or to retailers.

This obligation is so that the batteries can be disposed of in an environmentally friendly manner. Only hand in batteries that have been discharged.

## Disposal of packaging



Ensure all packaging materials are disposed in an environmentally friendly manner.

## Importer

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KOMPERNASS GMBH  
BURGSTRASSE 21  
D-44867 BOCHUM

[www.kompernass.com](http://www.kompernass.com)

# Warranty & Service

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The warranty for this appliance is for 3 years from the date of purchase. The appliance has been manufactured with care and meticulously examined before delivery. Please retain your receipt as proof of purchase. In the event 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, for 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 tampering not carried out by our authorized service branch. Your statutory rights are not restricted in any way by this warranty. The warranty period will not be extended by repairs made under warranty. This applies also to replaced and repaired parts. Any damage and defects extant on purchase must be reported immediately after unpacking the appliance, at the latest, two days after the purchase date. Repairs made after the expiration of the warranty period are subject to payment.

## **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

