Instruction Manual

Kat. Nr. 60.2524

Fig. 1

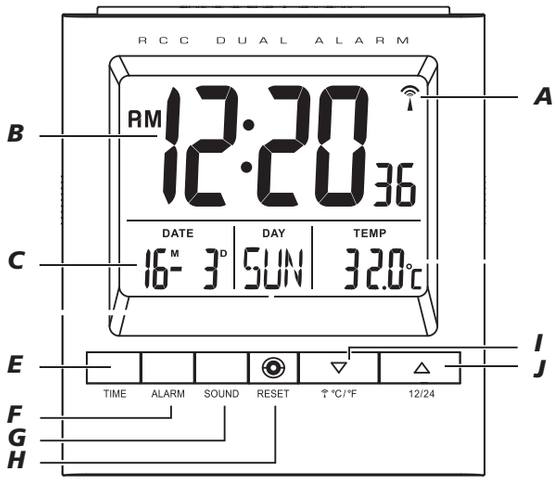

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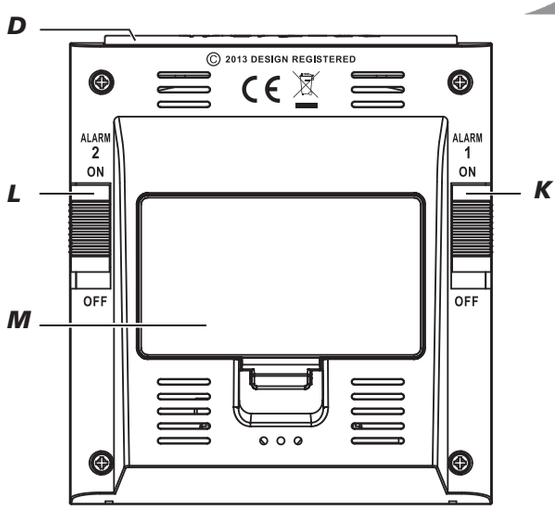
Fig. 2



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(GB) *Radio controlled alarm clock*

Thank you for choosing this instrument from the firm TFA.

1. Before you start using it

- ***Please make sure to read the instruction manual carefully.***
- ***Following and respecting the instructions in your manual will prevent damage to your instrument and loss of your statutory rights arising from defects due to incorrect use.***
- ***Likewise, we take no responsibility for any incorrect readings and for any consequences which may result from them.***
- ***We shall not be liable for any damage occurring as a result of not following these instructions.***
- ***Please take particular note of the safety advice!***
- ***Please keep this instruction manual for future reference.***

2. Field of operation and all the benefits of your new instrument at a glance

- *Highest precision radio-controlled clock*
- *Display of seconds, date, day-of-the-week, temperature*
- *Alarm with two different alarm times and snooze function*
- *Backlight*

3. For your safety

- *The product is exclusively intended for the field of application described above. It should only be used as described within these instructions.*
- *Unauthorized repairs, modifications or changes to the product are prohibited.*
- *The product is not be used for medical purpose or for public information, it is only intended only for home use.*

Caution!
Risk of injury:

- *Keep this instrument and the batteries out of the reach of children.*
- *Batteries must not be thrown into a fire, short-circuited, taken apart or recharged. Risk of explosion!*
- *Never use a combination of old and new batteries together, or batteries of different types.*
- *Batteries contain harmful acids. Low batteries should be changed as soon as possible to prevent damage caused by leaking.*
- *Wear chemical-resistant protective gloves and safety glasses when handling leaking batteries.*

Important information on product safety!

- *Do not place the unit near extreme temperatures, vibrations or shocks.*
- *Protect it from moisture.*

4. Elements

Display

A: *RC reception symbol*
B: *Radio controlled time*
C: *Date/alarm 1, day-of-the-week, temperature/alarm 2*

Buttons

D: *SNOOZE/LIGHT button (on top)*
E: *TIME button*
F: *ALARM button*
G: *SOUND button*
H: *RESET button*
I: *▼/°C/°F/ button*
J: *▲/12/24 button*
K: *ALARM 1 switch ON/OFF*
L: *ALARM 2 switch ON/OFF*

Housing

M: *Battery compartment*

5. Getting started

- *Open the battery compartment and remove the insulation strip. Close the battery compartment again. The unit is now ready to use.*
- *After the initial setup the clock is trying to receive the radio signal for 5 minutes.*
- *The MSF symbol will be flashing.*
- *When the time code is received, the radio-controlled time will be shown and the MSF symbol appears permanently. If the first reception fails, the MSF symbol disappears and the reception will be repeated the next full hour. The clock will automatically receive the MSF signal every day at 2.00 am and in case of no reception at 3.00 am and 4.00 am.*
- *The reception can also be initialized manually. Press and hold the ▼/°C/°F/ button for 3 seconds and the MSF symbol will be flashing. The clock will scan the MSF frequency signal.*

- *Press and hold the ▼/°C/°F/ button again for 3 seconds while the MSF symbol is flashing to deactivate the reception for the MSF signal. The symbol disappears and the clock will then work as a normal quartz clock. (See "Manual setting of clock and calendar").*
- *In case the clock cannot detect the MSF signal (for example due to disturbances, transmitting distance, etc.), the time can be set manually.*

Note for radio-controlled time MSF:

The MSF radio time code is controlled by a cesium atomic clock situated in England. The time is coded and transmitted via frequency signal MSF (60 kHz) and is available across the whole of the UK and beyond. Your radio-controlled clock receives this signal and converts it to show the precise time in summer or winter time. During daylight saving mode DST appears on the display. The quality of the reception depends greatly on the geographic location. In normal cases, there should be no reception problems within the UK.

Please take note of the following:

- *The recommended distance to any interfering sources like computer monitors or TV sets is a minimum of 1.5 - 2 meters.*
- *Within Ferro-concrete rooms (basements, superstructures), the received signal is naturally weakened. In extreme cases, please place the unit close to a window.*
- *During night-time, the atmospheric disturbances are usually less severe and reception is possible in most cases. A single daily reception is adequate to keep the accuracy deviation under 1 second.*

Note

- *Do not touch any button during the reception of the MSF signal.*
- *Each button operation is acknowledged with a beep.*
- *The instrument will automatically quit the setting mode if no button is pressed for 15 seconds.*

5.1 Manual setting of clock and calendar

- *Press and hold TIME button in time mode for 3 seconds.*
- *The hour indicator will be flashing.*
- *Press the ▲/12/24 button or ▼/°C/°F/ button to adjust the hours.*
- *Press the TIME button to make the settings in the following sequence: minutes, year, month and day.*
- *Press the MODE button to confirm each setting.*
- *The day-of-the-week appears automatically.*

5.2 Setting of the 12 or 24 hours display

- *Press the ▲/12/24 button to select 12 or 24 hours mode.*
- *In 12-hours mode AM or PM (after 12 o'clock) appears on the display and the European version (day/month) of the calendar sequence changes to the American version (month/day).*

5.3 Setting of the alarm time

- *Press the ALARM button once in time mode and you enter the setting mode for the first alarm time. ALM 1 appears instead of the date and will be flashing on the display.*
- *Press and hold the ▲/12/24 button or ▼/°C/°F/ to set the desired alarm time.*
- *Press the ALARM button again to confirm and enter the setting mode for the second alarm time.*
- *ALM 2 appears instead of the temperature and will be flashing on the display.*
- *If necessary adjust the second alarm time in the same way.*

5.4 Activating and deactivating of the alarm times

- *To activate the first alarm time, slide the ALM 1 ON/OFF switch upwards to position ON.*
- *The alarm time (ALM 1) and the alarm symbol 1 appear on the display.*
- *To deactivate the first alarm time, slide the ALM 1 ON/OFF switch downwards to position OFF.*
- *The alarm time (ALM 1) and the alarm symbol 1 disappear on the display.*
- *To activate/deactivate the second alarm time, slide the ALM 2 ON/OFF switch to position ON/OFF.*
- *Once the alarm starts to ring you can stop the alarm by pressing any button.*
- *If the alarm is not stopped manually, the alarm will automatically turn off after 2 minutes and will be reactivated at the same time.*
- *You can activate the snooze function by pressing the SNOOZE/LIGHT button.*
- *The alarm will be interrupted for 5 minutes and can be repeated 8 times.*

5.5 Temperature display

- *Press the ▼/°C/°F/ button to change between °C (Celsius) or °F (Fahrenheit) as temperature unit.*

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5.6 Backlight

- *Press the SNOOZE/LIGHT button. The backlight will turn on for 5 seconds.*

5.7 Sound

- *Press and hold the SOUND button to hear the alarm sound.*

6. Care and maintenance

- *Clean your instrument with a soft damp cloth. Do not use solvents or scouring agents.*
- *Remove the batteries if you do not use the product for a long period of time.*
- *Keep the instrument in a dry place.*

6.1 Battery replacement

- *Change the batteries when the functions of the instrument become weak.*
- *Open the battery compartment and insert two new batteries 1,5 V AA. Ensure that the battery polarities are correct.*
- *Close the battery compartment again.*

7. Troubleshooting

Problem	*Solution*
No pointer movement	➜ *Ensure that the batteries polarity is correct* ➜ *Change the batteries*
No MSF reception	➜ *Press and hold the ▼/°C/°F/ button for 3 seconds* ➜ *Choose another place for the device* ➜ *Check if there is any source of interference.* ➜ *Wait for attempted reception during the night* ➜ *Restart the instrument according to the manual* ➜ *Set the clock manually*
Incorrect display	➜ *Use a pin to press the RESET button* ➜ *Change the batteries*

If your device fails to work despite these measures contact the supplier from whom you purchased it.

8. Waste disposal

This product has been manufactured using high-grade materials and components which can be recycled and reused.

Never dispose of empty batteries and rechargeable batteries in household waste.
As a consumer, you are legally required to take them to your retail store or to an appropriate collection site depending on national or local regulations in order to protect the environment.
The symbols for the heavy metals contained are:
Cd=cadmium, Hg=mercury, Pb=lead

This instrument is labelled in accordance with the EU Waste Electrical and Electronic Equipment Directive (WEEE).
Please do not dispose of this instrument in household waste. The user is obligated to take end-of-life devices to a designated collection point for the disposal of electrical and electronic equipment, in order to ensure environmentally-compatible disposal.

9. Specifications

Temperature range:	*-10°...+50°C / +14°F...+122°F, °C/°F reversible*
Indication: LL.L / HH.H	*Measurements are outside the measuring range*
Power consumption:	*Batteries 2 x 1.5 V AA (included)*
Housing dimension:	*86 x 41 x 195 mm*
Weight:	*104 g (instrument only)*

TFA Dostmann GmbH & Co.KG, Zum Ottersberg 12, D-97877 Wertheim.

DECLARATION OF CONFORMITY

Herewith we declare, that this wireless transmission device does comply with the essentials requirements of R&TTE Directive 1999/5/EC.
A copy of the signed and dated Declaration of Conformity is available on request via info@tfa-dostmann.de.
www.tfa-dostmann.de *08/13*