

User Manual



Alecto®

AK-70

Introduction:

The Alecto AK-70 is a radio-controlled clock with an alarm (wake-up) function and temperature / humidity display.

The clock is powered by the included 5V power adaptor. Size AAA batteries may be placed as a backup power supply (type Alkaline, size AAA, voltage 1,5V).

The clock is not waterproof and therefor only suitable for indoor use.

About this user's manual:



This symbol represents a warning. To ensure safe use, always adhere to the instructions described in this documentation.



This symbol is followed by a user's tip.

Always check the Alecto website for the most recent version of this user's manual. See the version number at the back of this user's manual.

Environment:

This product may not be discarded as normal household waste at the end of its life span, you must bring it to a collection point for the recycling of electric and electronic devices.



Don't throw away exhausted batteries, but bring them to your local depot for Small Chemical Waste (SCW).

Service



Help



WWW.ALECTO.NL
SERVICE@ALECTO.NL

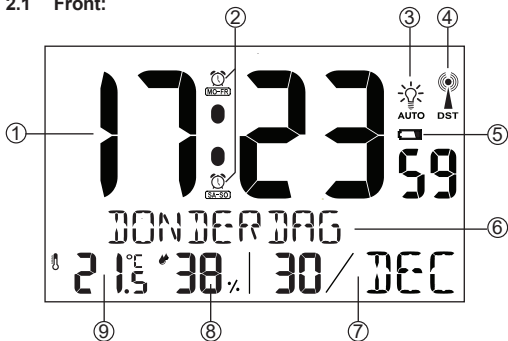
Alecto

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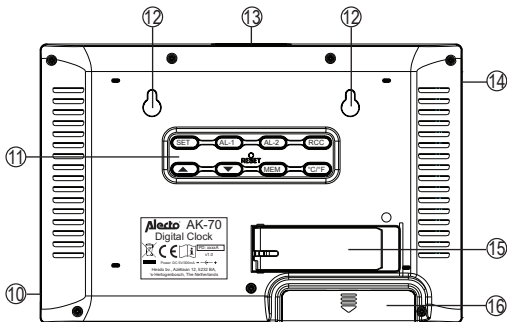
2. OVERVIEW

2.1 Front:



1. Time display
2. Illuminates when the alarm is set. MO-FR is the wake-up alarm for weekdays (Monday through Friday), and SA-SO is the wake-up alarm for weekends (Saturday and Sunday).
3. Indicator for the display lighting (see also section 6)
4. Antenna symbol for the radio-controlled clock (see also paragraph 3.2)
5. Illuminates when the backup batteries are empty or not installed.
6. Day display
7. Date display
8. Humidity display
9. Temperature display

2.2 Back:





3. INSTALLATION

3.1 Power supply:




The AK-70 is powered by the included 5V power adaptor. Connect the adaptor to the right-hand side of the AK-70. The model number of this adaptor is: ICY500-1200W. Only use this adaptor.

3.2 Clock:

As soon as you connect the adaptor, (and there are no batteries installed yet), the clock starts searching for the DCF radio signal to synchronise the time and date. While searching, the antenna symbol  flashes in the display. After several minutes the AK-70 will show the correct time. In extreme cases it may take up to a full day before the DCF time is displayed.  is displayed when the radio signal is being received correctly




While searching for the radio signal, the display lighting cannot be lit continuously. When pressing the  **zz** button the light will illuminate, but it switches off again after 5 seconds. As soon as the clock has located the radio signal or as soon as you cancel the search function by pressing and holding the **RCC** button for 2 seconds, the display lighting switches on continuously.

3.3 Backup batteries: (not incl.)

To retain the settings of the clock in the event of a power interruption, you may install 3 backup batteries. Open the battery cover at the rear of the clock by sliding it downwards and insert 3x AAA batteries according to the markings inside the battery compartment.

Slide the cover back onto the clock.

These batteries have a lifespan of approximately 1 year. When the batteries are nearly empty, the  symbol will appear in the display.

3.4 Table stand / wall-mounting:

You may choose to place the AK-70 on a cabinet or desk (to do so, fold out the stand at the rear) or to suspend it from a wall (see keyhole openings at the rear).

4. SETUP

If the DCF radio signal is not or not correctly received the clock, you may manually set the clock as follows: (Note that this does not work while the AK-70 is still searching for the DCF radio signal).

1. Press and hold the SET button for 2 seconds, RCC appears in the display while ON or OFF starts flashing.
2. Use ▼/▲ to switch the RCC receiver off (OFF) or on (ON), then briefly press the SET button.
3. Use ▼/▲ to set the time zone. For use in the Benelux, select '0' and then briefly press the SET button.
4. Use ▼/▲ to set the language for displaying the day and month. You may choose from: English, Dutch, Swedish, Polish, Czech, German, Italian, French, Spanish and Danish. Briefly press the SET button.
5. Use ▼/▲ to set the year and then briefly press the SET button.
6. Use ▼/▲ to set the month and then briefly press the SET button.
7. Use ▼/▲ to set the date and then briefly press the SET button.
8. Use ▼/▲ to set the hours and then briefly press the SET button.

9. Use ▼/▲ to set the minutes and then briefly press the SET button.
10. Use ▼/▲ to set the seconds to 0 (this allows you to have the clock run exactly the same as another clock) and then briefly press the SET button.

The clock is now set manually.

When the DCF receiver is switched on and the signal is being received correctly, this receiver will overwrite the clock display.

To switch the DCF receiver on/off:

You may switch off the DCF receiver as follows, to only have the time and date shown you've programmed manually:

- To switch off: press and hold the RCC button at the rear of the clock for 3 seconds until the antenna symbol disappears.

You may switch the receiver back on again as follows:

- To switch on: briefly press the RCC button at the rear of the clock. The display lighting switches off while the antenna symbol starts flashing. The clock now starts searching again for the radio signal to synchronize the time and date.
- e



Please note that this does not work if you have switched off the RCC function as described in instruction 2 of the previous section.

12-hour or 24-hour clock:

Briefly press the SET button to switch between the 12-hour display with AM and PM or a 24-hour time display.

Daylight saving time:

DST (Daylight Saving Time) is indicated underneath the antenna symbol when the clock automatically switches to daylight saving time.

5. (WAKE-UP) ALARM

The AK-70 provides 2 alarm or wake-up times. Alarm-1 sounds on weekdays while alarm-2 only sounds on Saturday and Sunday:

To set the alarm time:

1. Press and hold AL-1 (or AL-2) for 2 seconds, the hour indication starts flashing
2. Use ▼/▲ to set the alarm hours and press AL-1 (or AL-2)
3. Use ▼/▲ to set the alarm minutes and press AL-1 (or AL-2)
4. Finally, briefly press AL-1 (or AL-2) again to save the wake-up time.


To check the alarm time:

1. Briefly press ▼ or ▲ to check alarm time AL-1.
2. Briefly press ▼ or ▲ again for alarm time AL-2.
3. Press ▼ or ▲ again for the actual time.


To switch the alarm functions on/off:


- Briefly press the AL1 or AL-2 button to enable or disable the corresponding alarm function. The concerned alarm is enabled when the alarm icon is illuminated.

Alarm operation:


- The alarm will sound for up to a maximum of 60 seconds at the set alarm time:
 - first 10 seconds 1 beep per second
 - then 10 seconds 2 beeps per second
 - then 10 seconds 4 beeps per second
 - then 30 seconds continuous beeping
- Press a random button at the rear of the clock to stop the alarm signal earlier or press the  **Zz** button on top of the clock to enable the snooze function; 'Zz' starts flashing and the wake-up alarm will sound again after 5 minutes.

6. **DISPLAY LIGHTING**

Use the  **Zz** button on top of the AK-70 to set the display lighting. The light icon indicates the selected setting as follows:

 100% lighting

 Dimmed lighting

 Automatic lighting (when the ambient light is bright, the lighting is set to maximum; when the ambient light is weak, the display lighting is set to low)

No indication: display lighting off

7. **TEMPERATURE & AIR HUMIDITY**

The temperature and humidity are indicated in the left part of the display:

Display in °C or °F

Briefly press the °C/°F button to display the temperature in degrees Celsius or degrees Fahrenheit.

Maximum / minimum memory

Briefly press the MEM button to show the maximum values, press the MEM button again for the minimum values and press for a third time to show the actual values.

To reset the maximum / minimum memory

Press and hold the MEM button for 2 seconds to reset the MAX/ MIN memory.

Specifications:

Temperature.

Range: 0 - 50°C / 32 - 122°F

Accuracy: 20°C - 24°C: +/- 1%

0°C - 20°C & 24°C - 50°C: +/- 2%

At a temperature of < 0°C the display will show LL.L

Humidity.

Range: 1% - 99%

Accuracy: 40% - 80%: +/- 5%

1% - 40 % & 80% - 99%: +/- 8%

At a humidity of < 1% the display shows 1% and at >99% the display shows 99%.

8. RESET

In case of a suspected system error of the clock, you may reset the clock. To do so, use a sharp object to press the RESET button at the rear of the clock. All settings and values will be reset while the clock restarts.

9 WARRANTY

For the Alecto AK-70 you have a warranty of 24 months from the date of purchase. During this period, we guarantee the free repair of defects caused by material and workmanship errors. All this subjected to the final assessment of the importer.

HOW TO HANDLE:

If you notice any defect, first refer to the user's manual. If the manual provides no definite answer, please contact the supplier of this clock.

In the event of a defect, you may return the clock with a clear description of your complaint and a dated purchase receipt to your supplier who will ensure a quick repair or otherwise send the product to the importer.

THE WARRANTY BECOMES NULL AND VOID:

In case of improper use, incorrect connections, leaking and/or incorrectly installed batteries. In case of unauthorised modifications and/or repairs performed by third parties. In case of incorrect transportation of the device without adequate packaging and when the device is not accompanied by this warranty card and proof of purchase.

All further liability, especially concerning any consequential damages, is excluded.

