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Oregon Scientific IWA80135

Oregon Scientific IWA80135 Projection Alarm Clock User Manual

Model: IWA80135

Introduction

Thank you for choosing the Oregon Scientific IWA80135 Projection Alarm Clock. This device offers a range of features including automatic time and date reception, indoor temperature display, and a unique projection function. This manual provides detailed instructions for setup, operation, and maintenance to ensure optimal performance and longevity of your alarm clock.



Figure 1: Oregon Scientific IWA80135 Projection Alarm Clock. This image shows the compact, black digital alarm clock with its display and projection arm.

Setup

1. Powering the Device

The IWA80135 alarm clock operates primarily via an electrical power supply.

1. Connect the provided power adapter to the DC input port on the alarm clock.
2. Plug the power adapter into a standard electrical outlet.
3. The display should illuminate, indicating the device is powered on. For continuous projection, ensure the device remains connected to the power supply.
4. (Optional) Insert backup batteries (not included) into the battery compartment to retain settings during power outages.

2. Initial Time and Date Setting

The alarm clock features an automatic time-receiving function.

- Upon initial power-up, the clock will attempt to synchronize with an atomic clock signal. This process may take several minutes.
- If automatic synchronization is not successful or you wish to set the time manually, refer to the "Manual Time Setting" section under Operation.
- The calendar with the day of the week can be displayed in English, French, German, Spanish, or Italian. Consult the operating instructions to select your preferred language.

3. Projection Setup

Adjust the projection for optimal visibility.

- Locate the projection arm on the device.
- Rotate the projection arm to direct the projected image onto a wall or ceiling.
- Use the focus adjustment dial (if present) to sharpen the projected image.
- The projected image can be swiveled 180° for optimal viewing angle.

Operating Instructions

1. Time and Date Display

- The main display shows the current time.
- Press the **MODE** button (or similar, refer to device buttons) to cycle through time, date, and weekday displays.
- To manually set the time and date:
  1. Press and hold the **SET** button (or similar) until the time digits flash.
  2. Use the **UP** / **DOWN** buttons to adjust the hours and minutes.
  3. Press **SET** again to confirm and move to the next setting (e.g., year, month, day, language).
  4. Repeat the adjustment process until all settings are configured.

2. Indoor Temperature Display

- The alarm clock displays the indoor temperature.
- To switch between Celsius (°C) and Fahrenheit (°F), press the **°C**/**°F** button (or similar).

3. Alarm and Snooze Function

- To set the alarm:
  1. Press the **ALARM** button (or similar) once to view the current alarm time.
  2. Press and hold the **ALARM** button until the alarm time digits flash.

3. Use the **UP** / **DOWN** buttons to adjust the desired alarm time.
4. Press **ALARM** again to confirm.
5. Press the **ALARM ON/OFF** button to activate or deactivate the alarm. An alarm icon will appear on the display when active.

- When the alarm sounds:
  - Press the **SNOOZE** button (or similar) to temporarily silence the alarm. The alarm will sound again after a few minutes (typically 5-10 minutes).
  - Press any other button (except **SNOOZE**) to turn off the alarm for the day.

4. Projection Features

- The projection feature displays the time (and potentially temperature) onto a surface.
- Ensure the device is connected to the power supply for continuous projection.
- Adjust the projection arm and focus dial as described in the Setup section to achieve a clear image.
- The projected image can be rotated 180° for optimal viewing.

Maintenance

To ensure the longevity and proper functioning of your Oregon Scientific IWA80135 Projection Alarm Clock, follow these simple maintenance guidelines:

- **Cleaning:** Gently wipe the device with a soft, dry cloth. For stubborn marks, slightly dampen the cloth with water. Avoid using abrasive cleaners, solvents, or chemical sprays, as these can damage the casing and electronic components.
- **Placement:** Place the alarm clock on a stable, flat surface away from direct sunlight, extreme temperatures, and high humidity. Ensure adequate ventilation around the device.
- **Power:** Always use the original power adapter provided with the device. If the adapter is damaged, contact customer support for a replacement.
- **Batteries:** If using backup batteries, replace them periodically (e.g., once a year) to prevent leakage and ensure reliable backup power. Dispose of old batteries responsibly according to local regulations.

Troubleshooting

If you encounter issues with your alarm clock, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Display is blank or not working.	No power or power adapter issue.	Ensure the power adapter is securely plugged into both the clock and the electrical outlet. Check if the outlet is functional.
Time is incorrect or not updating automatically.	Weak signal reception or manual setting required.	Move the clock to a location with better signal reception (e.g., near a window). Manually set the time as described in the "Operating Instructions".
Projection is blurry or not visible.	Incorrect focus or projection angle.	Adjust the focus dial on the projection arm. Rotate the projection arm and swivel the image to find the optimal angle and distance from the surface. Ensure the room is dark enough for projection.
Alarm does not sound.	Alarm is not activated or set incorrectly.	Verify that the alarm time is set correctly and the alarm function is activated (check for the alarm icon on the display).

Problem	Possible Cause	Solution
Indoor temperature reading is inaccurate.	Device placed near heat sources or vents.	Relocate the alarm clock away from direct sunlight, heating/cooling vents, or other sources of heat/cold that could affect the sensor.

If the problem persists after trying these solutions, please contact Oregon Scientific customer support for further assistance.

Specifications

Feature	Detail
Model Number	IWA80135
Brand	Oregon Scientific
Dimensions (L x W x H)	12.7 x 3.2 x 9.2 cm (5 x 1.26 x 3.62 inches)
Weight	100 g (0.22 lbs)
Color	Black
Display Type	Digital
Special Features	Projection, Indoor Temperature, Alarm, Snooze, Automatic Time Reception, Rechargeable (Note: "Rechargeable" may refer to a backup battery feature.)
Power Source	Electric (AC Adapter)
Battery Requirement	No batteries included (for main operation, likely requires user-supplied for backup)
Mounting Type	Freestanding
Usage Environment	Indoor
GTIN (EAN/UPC)	04891475757041

Warranty and Support

Oregon Scientific products are manufactured to the highest quality standards. For information regarding warranty coverage, product registration, or technical support, please visit the official Oregon Scientific website or contact their customer service department.
Online Support: www.oregonscientific.com (Please note: This is a general placeholder link. Refer to your product packaging or official documentation for the most accurate support contact information.)

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