

BIOS
Weather

« Wireless »

WEATHER CUBE

387BC



Instruction Manual

PM Indicator



12 / 24 Hour Time



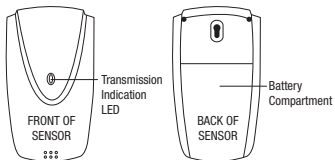
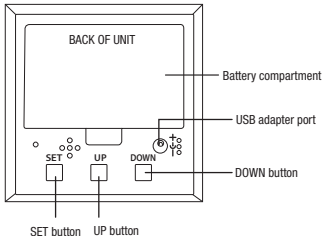
Date



Indoor Temperature



Outdoor Temperature



1.0 Care of Device

- Avoid exposing units to extreme temperatures or severe shock.
- Avoid contact with any corrosive materials such as perfume, alcohol or cleaning agents.
- Do not subject the units to excessive force, shock, dust, temperature or humidity. Any of these conditions may shorten the life of the units.
- Do not tamper with any of the internal components of these units. This will invalidate the warranty and may cause damage.
- Damage caused by failure to comply with this instruction manual will invalidate any warranty. The manufacturer and supplier will not be held liable for any damages due to failure to comply with this instruction manual.
- In case of harm or damage to a person or property caused by improper handling or failure to comply with this instruction manual, the manufacturer and supplier cannot be held liable.
- This product is not to be used for medical purpose or for public information.

1.1 Correct Usage of Batteries

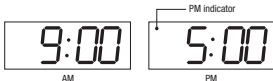
- Do not mix standard and rechargeable batteries.
- Do not mix new and old batteries.
- Do not leave discharged batteries in the device as these may corrode and release chemicals that may damage the unit.

2.0 Setup Procedure

1. Insert the USB adapter into the Weather Cube, you can then plug the USB adapter into a USB port. Or you can power the Weather Cube with 3 x AAA batteries.
2. The Weather Cube will go through a sequence of numbers and then will beep once and display the TIME.
3. The Weather Cube will automatically be set to display the different screens in the following sequence: **TIME (10 seconds) – DATE (2 seconds) – INDOOR TEMPERATURE (7 seconds) – OUTDOOR TEMPERATURE (7 seconds).**

3.0 Setting the Time

1. When the TIME is displayed on the Weather Cube, press and hold the **SET** button.
NOTE: If the Weather Cube is not displaying the TIME, press the SET button to go through the different screens until TIME appears.
2. 12/24 hour will flash, press the **UP** or **DOWN** button to select the hour format. Once selected, press the **SET** button to confirm.
3. Next the hour digits will flash, press the **UP** or **DOWN** button to select the hour digits. Once selected, press the **SET** button to confirm. Follow the same steps to set the minute digits. Once confirmed, the Weather Cube will go back to normal mode.



4.0 Setting the Date

1. When the DATE is displayed on the Weather Cube, press and hold the **SET** button.
NOTE: If the Weather Cube is not displaying the DATE, press the SET button to go through the different screens until DATE appears.
2. The year will flash, press the **UP** or **DOWN** button to select the year. Once selected, press the **SET** button to confirm.
3. Next the month will flash, press the **UP** or **DOWN** button to select the month. Once selected, press the **SET** button to confirm. Once confirmed, the Weather Cube will go back to normal mode.

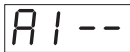
5.0 Setting the Alarm

There are **3** alarms that can be set on the Weather Cube.

1. Press the **SET** button until you see "AL - I", then press and hold the **SET** button.
2. "AL I --" will flash, press the **UP** or **DOWN** button to turn the alarm ON, the Weather Cube will display "AL ON". Press the **SET** button to confirm.



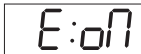
Alarm On



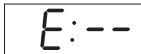
Alarm Off

3. The hour digits will flash, press the **UP** or **DOWN** button to select the hour digits. Once selected, press the **SET** button. Follow the same steps to set the minute digits.
4. Follow the same steps as above to set Alarm 2 and Alarm 3.

5. Once the alarms are set "E:--" will flash. If you don't want the alarms to activate on Saturday and Sunday, press the **UP** or **DOWN** button until "E:ON" is displayed. Press **SET** to confirm.



Alarm will not activate
on the weekend



Alarm will activate
on the weekend

6. Once the Weather Cube is in normal mode, the **TIME** screen will display differently, to indicate that an alarm is ON.

Alarm ON indicator



7. When the alarm sounds, press any button to turn it off. The alarm will sound for 1 minute.
NOTE: the alarm will sound again the next day unless deactivated in the alarm settings.

6.0 Indoor Temperature

1. When the INDOOR TEMPERATURE is displayed on the Weather Cube, press and hold the **DOWN** button.

NOTE: If the Weather Cube is not displaying the INDOOR TEMPERATURE, press

the SET button to go through the different screens until INDOOR TEMPERATURE appears.

2. The temperature will switch from Celsius to Fahrenheit.

7.0 Outdoor Temperature

1. When the OUTDOOR TEMPERATURE is displayed on the Weather Cube, press and hold the **SET** button.

NOTE: If the Weather Cube is not displaying the OUTDOOR TEMPERATURE, press the SET button to go through the different screens until OUTDOOR TEMPERATURE appears.

2. “- - [” will display on the screen. Insert 2 x AAA batteries into the outdoor sensor.
3. The transmission indication LED will flash on the outdoor sensor indicating that the signal has been sent to the Weather Cube. Once the signal is received, the dashes will change to the current outdoor temperature and the Weather Cube will go to normal mode.

7.1 Troubleshooting

If the outdoor temperature cannot be received, check:

1. The distance between the monitor or outdoor sensor should be at least 1.2 metres (4 feet) away from any interfering sources such as computer monitors or TV sets.
2. Avoid placing the monitor onto or in the immediate proximity of metal window frames.
3. Using other electrical products such as headphones or speakers operating on the same frequency (433MHz) may prevent correct signal transmission and reception.

4. Neighbours using electrical devices operating on the 433MHz signal frequency can also cause interference.
5. Signals from other household devices, such as door bells and home security systems, may temporarily interfere with the units and cause reception failure. The transmission and reception of temperature reading will resume once the interference has stopped.

The maximum transmission range is 30 metres (100 feet) from the remote sensor to the monitor (in open space). However, this depends on the surrounding environment and interference levels. The temperature signal travels in a straight line from the remote sensor to the monitor. The signal will not curve around an object. If no reception is possible despite the observation of these factors, all units will have to be reset.

8.0 Display Mode

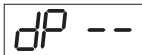
In display mode you can set the unit to display all screens in a sequence or only display the TIME screen.

1. To turn the sequence ON in normal mode press the **UP** button, "dP 01" will display. To turn the sequence OFF, press the **UP** button again, "dP --" will display. Press the **SET** button to confirm.



Sequence ON ---

TIME (10 seconds), DATE (2 seconds),
INDOOR TEMPERATURE (7 seconds),
OUTDOOR TEMPERATURE (7 seconds).



Sequence OFF

9.0 Power Saving Mode

In power saving mode you can have the Weather Cube turn ON for 10 seconds and then turn OFF, or permanently stay ON.

1. To turn the power saving mode ON, in normal mode press the **DOWN** button, "Sd on" will display. To turn the power saving mode OFF, press the **DOWN** button again, "Sd --" will display. Press the **SET** button to confirm.



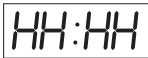
Power Saving Mode ON --- Weather Cube
will turn ON for 10 seconds and then turn
OFF. To turn Weather Cube ON, clap, make
noise or touch the top of the cube.



Power Saving Mode OFF ---
Display will permanently
stay ON

10.0 LED Brightness

You can adjust the brightness of the LED screen, by pressing and holding the **UP** button, when in normal mode. Press the **UP** button to switch between full brightness and half brightness. Press **SET** button to exit and return to normal mode.



Full Brightness



Half Brightness

11.0 Built in Battery

There is 1 x CR2032 battery built into the Weather Cube. The battery keeps the time running when the Power Saving Mode is ON (see section 9.0). If the time doesn't work, replace the built-in battery located behind the battery compartment.

12.0 Product Specifications

Temperature Measurement Range	
Weather Cube	0°C to 50°C / 32°F to 122°F
	When temperature is above 50°C (122°F) screen will display HH. When temperature is below 0°C (32°F) screen will display LL.

Outdoor Sensor	-30°C to 60°C / -22°F to 140°F
	When temperature is above 60°C (140°F) screen will display HH. When temperature is below -30°C (-22°F) screen will display LL.
Accuracy	+/- 2°C / 4°F
Power Source	
Monitor	3 x AAA batteries 1.5V (not included), 1 x CR2032 (built-in), or USB Adapter (included)
Outdoor Sensor	2 x AAA batteries 1.5V (not included)

13.0 Limited One Year Warranty

If this product proves to be defective in material or workmanship within one year of purchase, please return it to the address below. It will be repaired or replaced without charge upon receipt of the unit prepaid with \$5.00 to cover handling, packaging and return postage. Please include proof of purchase, your full name, address, daytime phone number or email address.

This warranty does not apply if the defect or malfunction is a result of user abuse, misuse, alteration or modification.

Thermor Ltd.
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14.0 FCC and IC Statement

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device."