Projection Barometer
With Remote Thermo Sensor
Model No.: BAA338PH
User's Manual

INTRODUCTION
Congratulations on your purchasing the BAA338PH Projection Barometer.
The BAA338PH is a multifunction, projection calendar clock. The BAA338PH is very easy to use. No wire installation is required between the main unit and the remote unit.
A1 SNOOZE/LIGHT BUTTON
Activates the snooze function when an alarm goes on or turns on the backlight for five seconds.

A2 MEMORY BUTTON
Displays the current temperature and the recorded maximum (MAX) and minimum (MIN) temperatures.

A3 IN/OUT BUTTON
Changes between indoor and outdoor temperature or activates the temperature automatic scan function.

A4 CLOCK BUTTON
Toggles the clock and calendar display or triggers the calendar clock setting mode.

A5 ALARM BUTTON
Displays the alarm time or sets the alarm status.

A6 UP [▲] AND DOWN [▼] BUTTONS
Increases or decreases the value of a setting.

A7 °C/°F BUTTON
Selects between degrees Centigrade (°C) and Fahrenheit (°F).

A8 RESET BUTTON
Resets the unit by returning all settings to their default values.

PROJECTOR CONTROLS
A9 IMAGE ROTATION KNOB
Rotates the projected image 90 degree clockwise or anti-clockwise.

A10 FOCUS KNOB
Adjusts the focus of the projector.

A11 180° ROTATION BUTTON
Flips the projected image upside-down.
A12 PROJECTION ON SLIDE SWITCH
Used with the projector power adapter to enable extended use of the projector.

MAIN UNIT INDICATORS

A13 WEATHER FORECAST
Indicates the change of weather pattern.

A14 ALARM ON INDICATOR
Appears when the alarm is active.

A15 IN/OUT INDICATOR
Indicates outdoor or indoor temperature.

A16 ALARM TIME INDICATOR
Appears when the alarm time is displayed.

A17 BATTERY-LOW INDICATOR
Appears when the batteries are running dry.

A18 D/M INDICATOR
Indicates day-month (DM) calendar display.

REMOTE UNIT CONTROLS

B1 LED INDICATOR
Flashes when the remote unit transmits a reading.

B2 RESET BUTTON
Returns all settings to default values.
HINTS FOR BEST OPERATION

- Insert batteries for the remote unit before doing so for the main unit.
- Set the main and remote unit within range (20 to 30 meters).
- Try different set-ups for best transmission and reception.
- Position the remote unit away from direct sunlight, rain or snow.

BATTERY INSTALLATION

1. Remove the battery compartment door.
2. Insert two AAA-sized batteries for the remote unit or four AA-sized batteries for the main unit.
3. Press [RESET].
4. Replace the battery compartment door.

HOW TO USE THE PROJECTOR

The projector projects the current time and remote temperature onto a wall or ceiling.

To project the time-temperature onto a flat surface:
In a darkened room, press [SNOOZE/LIGHT], the wall projection will activate for approximately 5 seconds.

This unit has several features to enhance the clarity of the projected image.
**Projector Features**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Effect</th>
<th>Instructions</th>
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<tbody>
<tr>
<td>Adjustable Projector</td>
<td>Rotates 180° to cast image onto any wall</td>
<td>Adjust by turning forwards or backwards the projector, so that the projection lens is pointed in the appropriate direction</td>
</tr>
<tr>
<td>FOCUS Knob</td>
<td>Focuses image</td>
<td>Rotate knob forwards or backwards until the image clarity is optimized</td>
</tr>
<tr>
<td>IMAGE ROTATION knob</td>
<td>Rotates image on a given surface to maintain an upright position</td>
<td>Turns an image to maintain an upright position</td>
</tr>
<tr>
<td>180° ROTATION button</td>
<td>Horizontally flips an image on a given surface to maintain an upright position</td>
<td>Flips an image to maintain an upright position</td>
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</table>

1. Remove the cover on the bottom of the stand.
2. Plug the adapter into the adapter socket.
3. Connect the power adapter to a wall socket.
4. Slide [PROJECTION ON] to ON.

To turn off the projector, slide the [PROJECTION ON] back. Note that this switch can only be used with the power adapter installed. For momentarily projection, use [SNOOZE/LIGHT].

**HOW TO USE THE BACKLIGHT**

Press the [SNOOZE/LIGHT] button once. The backlight will light up for five seconds.

**DISPLAY MODES**

In normal display, the current time, including seconds, will be displayed. To display the days-of-the-week, press [CLOCK] once. To switch back to normal time display, press [CLOCK] once.
HOW TO SET THE ALARM

1. Press [ALARM] for two seconds.
2. Enter the hours using the [▲] or [▼] buttons. Hold down either button to rapidly increase or decrease the value.
3. Press [ALARM].
4. Enter the minutes using the [▲] or [▼] buttons.
5. Press [ALARM].

The alarm is automatically activated after the setting procedure. To deactivate it, press [ALARM] to turn off the [OFF] indicator when the alarm time is displayed.

HOW TO SET THE CALENDAR CLOCK

1. Press [CLOCK] for two seconds.
2. Enter the months using the [▲] or [▼] buttons. Hold down either button to rapidly increase or decrease the value.
3. Press [CLOCK].
4. Enter the days using the [▲] or [▼] buttons.
5. Press [CLOCK].
6. Follow the same procedure to set the display language and day-of-week, hour and minute. For the display language, you can choose English, German, French, Italian or Spanish.

ALARM AND SNOOZE FUNCTION

When the alarm is activated, it will go off at the set time. The display will light up for five seconds with the [▲] icon flashing.

The crescendo function allows the alarm to start off gently and step up its intensity in four steps. Without interruption, the alarm will sound for a minute.

To stop the alarm, press any button. If the [SNOOZE/LIGHT] button is pressed, the SNOOZE function will be triggered. The alarm will stop for eight minutes before going off again.

INDOOR AND OUTDOOR TEMPERATURES

Press [IN/OUT] repeatedly for indoor temperature, outdoor temperature or an automatic scan of both temperatures.
When the automatic scan function is activated, the indoor and outdoor temperatures will be displayed alternately for a few seconds each. To end the scan, press [IN/OUT].
Press [°C/°F] to display the temperature in Centigrade °C or Fahrenheit °F.

MAXIMUM AND MINIMUM TEMPERATURES

Press [IN/OUT] to select indoor or outdoor temperature display. Then press [MEMORY] repeatedly to scroll on the current temperature and the maximum and minimum temperatures in record.

To clear the memory, select indoor or outdoor temperature display. Then press and hold [MEMORY] for two seconds to clear the memory for the selected display.

DISCONNECTED SIGNALS

If without obvious reasons the display for the outdoor temperature becomes blank, press and hold [IN/OUT] for two seconds to enforce an immediate search. If that fails, check if the remote unit is still in place. Make sure the transmission is within range and path is clear of obstacles and interference.

TRANSMISSION COLLISION

Signals from household devices, such as doorbells, home security systems and entry controls, may interfere with those of this product and cause temporarily reception failure. This is normal and does not affect the general performance of the product. The transmission and reception of temperature readings will resume once the interference recedes.

WEATHER FORECAST

The unit is capable of detecting barometric pressure changes, and basing on the data collected, can predict the weather for the next 12 to 24 hours. The effective range is 30 to 50 km.

<table>
<thead>
<tr>
<th>sunny</th>
<th>partlycloudy</th>
<th>cloudy</th>
<th>rainy</th>
<th>snowy</th>
</tr>
</thead>
</table>

NOTE:
1. The accuracy of a general pressure-based weather forecast is about 70 to 75%, and therefore, cannot be held responsible for any inconveniences so caused by an inaccurate forecast.
2. The weather forecast is meant for the next 12 to 24 hours. It may not necessarily reflect the current situation.
3. The “Sunny” icon, when appears at nighttime, implies clear weather.
4. When temperature goes equal or below 3°C (+37.4 °F), the snowy icon will display instead of the rainy icon.
LOW BATTERY WARNING

When it is time to replace batteries, the low-battery indicator will appear. Replace the batteries for the main unit when the indicator appears at the clock window. Do the same for the remote unit when the indicator appears below the OUT icon.

THE RESET BUTTON

The [RESET] button is used to enhance synchronization of signals after battery replacement or when the unit is operating in an unfavorable way or malfunctioning. Use a blunt stylus to hold down the button. All settings will return to their default values.

PRECAUTIONS

This unit is engineered to give you years of satisfactory service if handled carefully.

1. Do not immerse the unit in water.
2. Do not clean the unit with abrasive or corrosive materials.
3. Do not subject the unit to snow or excessive force, shock, dust, temperature or humidity.
4. Do not tamper with the unit's internal components.
5. Do not mix new and old batteries or batteries of different specifications.

SPECIFICATIONS

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<th>Temperature Measurement</th>
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<td><strong>Main unit</strong></td>
</tr>
</tbody>
</table>
| Operating range         : -5.0°C to +50.0°C  
                         : (23.0°F to 122.0°F)  
| Temperature resolution  : 0.1°C (0.2°F)   |
| **Remote unit**         |
| Operating range         : -20.0°C to +60.0°C  
                         : (-4.0°F to 140.0°F)   
| Temperature resolution  : 0.1°C (0.2°F)   |
| RF Transmission Frequency : 315 MHz       |
| RF Transmission Range   : Maximum 30 meters |
| Temperature sensing cycle : around 30 seconds |

Digital Clock

- Clock : 24hr format with hh:mm:ss
- Calendar : Day / Month
day-of-week selectable in 5 language (E, D, F, I, Sp)
- Alarm : 2 minutes crescendo
- Snooze : 8 minutes
Power
Main unit: 4 pcs UM-3 or "AA" 1.5V alkaline battery
AC/DC 3V power adapter (For continuous projection)
Remote sensing unit: 2 pcs UM-4 or "AAA" 1.5V alkaline battery

Weight
Main unit: 322 gm
Remote sensing unit: 100 gm

Dimension
Main unit: 109 x 158 x 39 mm (H x W x D)
Remote sensing unit: 92 x 60 x 21 mm (H x W x D)

CAUTION
— The content of this manual is subject to change without further notice.
— Due to printing limitation, the displays shown in this manual may differ from the actual display.
— The manufacturer and its suppliers hold no responsibility to you or any other person for any damage expenses, lost profits, or any other claim arise by using this product.
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