Voice-Activated Wireless Weather Station

(Model #: BAR998HG)

User Manual

CONTENTS

INTRODUCTION

Thank you for selecting the Oregon Scientific™ BAR998HG / BAR993HG Voice Activated Wireless Weather Station. This powerful device bundles voice recognition, time keeping, and weather monitoring features into a single tool you can use from the convenience of your home.

In this box, you will find:

- Main unit
- Remote sensor (RTGR328N)
- Optional UV sensor (UVR138)
- AC adapter
- Batteries

BAR998HG — BAR998HG Main unit + RTGR328N Remote sensor

BAR993HG — BAR998HG Main unit + RTGR328N Remote sensor + UVR138 UV Sensor

Keep this manual handy as you use your new product. It contains practical step-by-step instructions, as well as technical specifications and warnings you should know.

ABOUT OREGON SCIENTIFIC

Visit our website (www.oregonscientific.com) to learn more about other Oregon Scientific™ products such as digital cameras, projection clocks, health and fitness gear, and weather stations. The website also includes contact information for our customer service department, in case you need to reach us.

PRODUCT OVERVIEW

LCD SCREEN
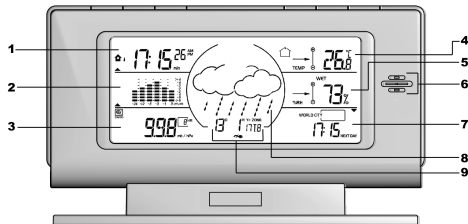
1. Clock / Alarm Area: Radio controlled clock; alarms
2. UVI / Barometer Trend Area: UV level and barometric pressure bar chart
3. UVI / Barometric Measurement Area: UV Index and barometric readings
4. Temperature / Heat Index Area: Readings and trend lines; sensor channel number; battery status
5. Humidity / Comfort Zone Area: Readings and trend lines; comfort zone
6. Microphone for Voice Recognition
7. World Cities Area: current, sunrise, sunset, moon rise, and moon set times for 130 cities
8. Weather Forecast Area: Animated weather forecast
9. Calendar Area: Calendar, voice recognition icon, AC power icon.

TOP VIEW

BACK VIEW
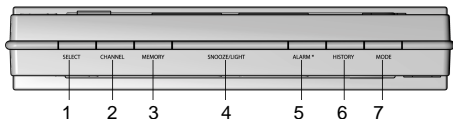
1. MODE – change settings / display
2. ALARM / ☀ – view alarm status; set alarm
3. HISTORY – view historical barometer and UV readings
4. SNOOZE / LIGHT – activate 8-minute snooze or backlight
5. CHANNEL – switch remote sensor
6. MEMORY – view current and saved temperature, humidity and heat index readings
7. SELECT – switch Areas
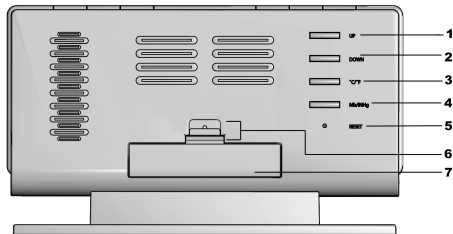
1. UP – increase setting / activate radio-controlled clock and voice recognition
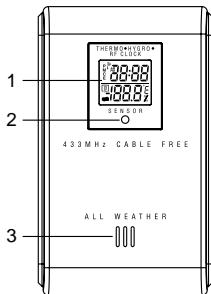2. DOWN – decrease setting / deactivate radio-controlled clock and voice recognition
3. °C / °F
4. Barometer unit (mb/inHg)
5. RESET
6. Battery case release button
7. Battery compartment

REMOTE SENSOR (RTGR328N)

1. LCD display
2. LED Status indicator
3. Ventilation duct

1. Signal reception
2. Channel number
3. Low battery icon
4. Time
5. Temp (°C or °F)
6. Humidity %
7. Temp / Humidity

1. Wall mount
2. Channel switch (1 – 5)
3. RESET
4. °C / °F
5. Search
6. EU/UK radio signal format switch
7. Battery compartment
8. Fold-out stand
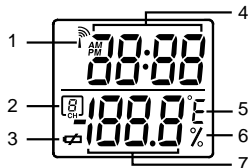
GETTING STARTED

BATTERIES

Insert batteries before first use, matching the polarity as shown in the battery compartment. For best results, install batteries in the remote sensor before the main unit. Press **RESET** after each battery change.

NOTE Do not use rechargeable batteries.

🔋 shows when batteries are low.

UNIT	🔋 LOCATION
Main	Calendar Area
Remote	Temp / Heat Index Area
UV Sensor	UVI / Barometric Measurement Area

AC ADAPTER (MAIN UNIT)

The AC power adapter socket is located on the side of the main unit. Batteries are for back-up purposes only; adapter is required for Voice Recognition.

⚡ shows in the Weather Forecast Area when AC adapter is not plugged in.

CHANGE SETTINGS

1. Press **SELECT** to switch between Areas. ▲ indicates the selected Area.

2. Most Areas have alternate display options (for example, Clock / Alarm or Barometer / UVI). Press **MODE** to switch options, or **ALARM** to switch between Clock and Alarm.

3. Press and hold **MODE** for 2 seconds to enter setting mode.

4. Press **UP** or **DOWN** to change settings.

5. Press **MODE** to confirm.

TILT THE DISPLAY

You can tilt the display back for better viewing or audio sound. Hold the base of the unit with your hand, and then gently push the top back.

REMOTE SENSOR

This product is shipped with the RTGR328N Thermo/Hygro Sensor and an optional UVR138 Ultraviolet Sun Ray Sensor. The main unit can collect data from up to 6 sensors (5 Thermo / Hygro Sensors and 1 UV Sensor). (Additional sensors sold separately.)

The RTGR328N Sensor collects temperature and humidity readings, and signals from official time-keeping organizations for the radio-controlled clock.

For information about the UVR138, refer to the UVR138 User Manual.

THERMO / HYGRO SENSOR SETUP (RTGR328N)

1. Open the battery compartment with a small Phillips screwdriver.
2. Insert the batteries.
3. Set the channel and radio signal format. The switches are located in the battery compartment.

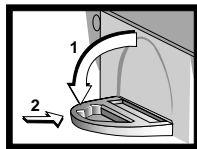| SWITCH	OPTION
Channel	Channel 1 – 5. If you are using more than one sensor, select a different channel for each sensor.
Radio Signal Format	EU (DCF) / UK (MSF)

4. Press **RESET**. Then set the temperature unit.

SWITCH	OPTION
Temp	°C / °F

5. Close the battery compartment.
6. Secure the sensor with the wall mount or using the fold-out stand.

FOLD OUT STAND

1. Fold-out the stand
2. Lock it into place

For best results:

- Insert the batteries and select the unit, channel, and radio signal format before you mount the sensor.
- Place the sensor out of direct sunlight and moisture.
- Do not place the sensor more than 100 meters (328 feet) from the main (indoor) unit.
- Position the sensor so that it faces the main (indoor) unit, minimizing obstructions such as doors, walls, and furniture.
- Place the sensor in a location with a clear view to the sky, away from metallic or electronic objects.

  NOTE The transmissino range may vary and is subject to the receiving range of the main unit.

You may need to experiment with various locations to get the best results.

CLOCK

This remote sensor can automatically synchronize the date and time with official time-keeping organizations in Frankfurt (Germany) and Rugby (England). When the sensor is within 1500 km (932 miles) of a RF signal, the reception icon will blink during reception.

When the sensor receives the radio-controlled clock signal and is paired with the main unit, the clock in the main unit will be automatically updated.

SET RADIO SIGNAL FORMAT

The **RADIO SIGNAL FORMAT** switch is located inside the battery compartment. Select EU (DCF) or UK (MSF). Then, press **RESET.**

Reception takes 2 – 10 minutes to complete. Once complete, the icon will stop blinking.

STRONG SIGNAL	WEAK OR NO SIGNAL
⏶	⏶ OR ▮

To force a manual RF clock reception, press and hold **SEARCH** for 2 seconds**.**

SENSOR DATA TRANSMISSION

Data is sent from the sensor(s) every 60 seconds. The reception icon shown in the Temperature / Heat Index Area indicates the status.

ICON	DESCRIPTION
📡 → • → 📡	Main unit is searching for sensors.
⌒ → 📡 → 📡	At least 1 channel has been found.
CHANNEL 🏠	Sensor 1 is sending data. (The number shows which sensor is selected.)
--- shows in Temp / Humidity Areas	The selected sensor cannot be found. Search for the sensor or check batteries.

SENSOR SEARCH

To search for a Thermo / Hygro sensor, press **SELECT** to navigate to the Temperature/ Heat Index Area. ▲ will show in the lower right corner of the Area. Then, simultaneously press and hold **MEMORY** and **CHANNEL** for 2 seconds.

To search for the UV sensor, press **SELECT** to navigate to the UVI / Barometric Trend Area. ▲ will show in the lower left corner of the Area. Then, press and hold **MEMORY** and **CHANNEL** for 2 seconds.

 NOTE If the sensor is still not found, check the batteries.

CLOCK AND CALENDAR

This product tracks the time and date for 1 local location, and 1 world city that you choose. The information is shown in the top left and bottom right areas of the display.
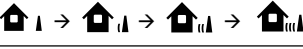
RADIO-CONTROLLED CLOCK

The time and date are automatically updated by radio-controlled clock signals from official time-keeping organizations in Frankfurt (Germany) and Rugby (England) unless you disable this feature. The signals are collected by the remote sensor (RTGR328N) whenever it is within 1500 km (932 miles) of a signal.

Initial reception takes 2 – 10 minutes, and is initiated when you first setup the unit, and whenever you press **RESET**. Once complete, the reception icon will stop blinking.

An icon indicates the signal strength.

ICON	DESCRIPTION
OR	Signal in progress
OR	No Signal

If no signal is found, check the sensor batteries.

TURN RADIO-CONTROLLED CLOCK ON/OFF

If you wish to manually set the clock, you must first disable the radio-controlled feature. To do this, navigate to the Clock / Alarm Area. Then, press and hold **DOWN** on the main unit for 2 seconds. To enable it, navigate to the Clock / Alarm Area, then press and hold **UP** for 2 seconds.

The house icon indicates that the radio-controlled clock is ON. No icon means that it is OFF.
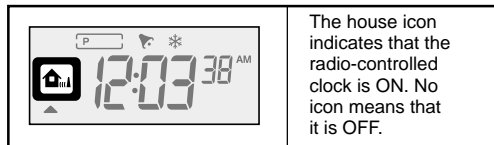
SET CLOCK

You only need to do this if you have disabled the radio-controlled clock, or if you are too far from a RF signal.

1. Press **SELECT** to navigate to the Clock Area. ▲ will show in the lower left corner of the Area.

2. Press and hold **MODE** for 2 seconds. The Clock and World City Areas will blink.

3. Press **UP** or **DOWN** to choose the city you are LOCATED IN. Press and hold for rapid search.
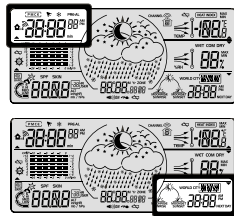
4. Press **MODE** again.

5. Select the 12/ 24 hour format, hour, minute, year, date/month format, month, date, display language, and (optional) volume level for the Voice Recognition feature. Press **UP** or **DOWN** to change the setting. Press **MODE** to confirm.

   NOTE The language options are (E) English, (F) French, (D) German, (I) Italian, and (S) Spanish. The language you select determines the weekday display and the spoken language for the Voice Recognition prompts.

   NOTE Voice Recognition must be activated (→18) before you can set the volume level. The number of bars shown after the icon (◀))))ON) indicates the level (Low, Medium, or High).
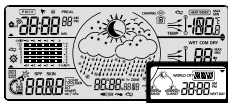
WORLD CITY DISPLAY

With this product, you can view the current, sunrise, sunset, moonrise, and moon set times for up to 130 world cities.

1. Press **SELECT** to navigate to the World Clock Area.
2. To scroll through the information for the selected city, press **MODE.**
3. To select another city, press and hold **MODE** for 2 seconds. Then, press **UP** or **DOWN** to select the

3-digit code for the city. For a list of World City Codes, refer to the enclosed sheet.

4. Press **MODE** again when you are finished.

ALARMS

This product has 2 alarms: the Daily Alarm and a Pre-Alarm for snowy weather. The Daily Alarm can be set to go off at the same time every day. The Pre-Alarm sounds only when the Daily Alarm is activated and the recorded temperature from Channel 1 Sensor falls to 2°C (35.6 °F) or below.

SET DAILY ALARM

1. Press **SELECT** to navigate to the Clock Area. ▲ will show in the lower left corner of the Area.
2. Press **ALARM** °/ ❄ to view the Alarm. (AL will show at the top.)
3. Press and hold **ALARM /** ❄ for 2 seconds.
4. Select the hour and minute. Press **UP** or **DOWN** to change settings. Press **ALARM** / ❄ to confirm.

 shows when the Alarm is set.

SET PRE-ALARM

The Pre-Alarm can be set to sound 15,30,45, or 60 minutes before the Daily Alarm. It will sound whenever the recorded temperature from Sensor 1 falls to 2°C (35.6°F) or below.

For example, if you set the Alarm to 7:00 AM, and the Pre-Alarm to 45 minutes, the Pre-Alarm will sound at 6:15 AM provided the outdoor temperature at Channel 1 Sensor is 2°C or below.

1. Set up and activate the Daily Alarm.
2. Press **ALARM/** ❄ to switch to Pre-Alarm view. (**PRE-AL** will show at the top.)
3. Press and hold ALARM / ❄ for 2 seconds.
4. Press **UP** or **DOWN** to select 15, 30, 45 or 60 minutes. This is the amount of time the Pre-Alarm will sound BEFORE the Daily Alarm. The Pre-Alarm is automatically activated when you select a time.
5. Press **ALARM** / ❄ to confirm.

❄ shows when the Pre-Alarm is set.

NOTE The daily Alarm will NOT function until the next day once if the Pre-Alarm has been triggered. Also, if you deactivate the Alarm, the Pre-Alarm is also automatically deactivated.

ACTIVATE ALARM

Navigate to the Clock Area, then press **ALARM /** ❄ to switch to Daily Alarm or Pre-Alarm view. To activate or deactivate the alarm, press **UP** or **DOWN**.
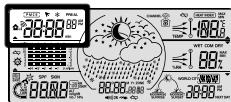
When the Alarm time is reached, the crescendo alarm will sound for 2 minutes. Press any key to silence the alarm. It will sound at the same time the next day.

ICON	DESCRIPTION
▼.	Daily Alarm is activated and will sound at the set time.
❄	Pre-Alarm is activated and will sound at the specified time if the temperature falls to 2°C or below (35.6 °F).
-:—	Alarm is not activated and will not sound.

SNOOZE

Press **SNOOZE / LIGHT** to temporarily disable the Alarm for 8 minutes. ▼. or ❄ will blink while Snooze is on.

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BAROMETER

This product tracks fluctuations in barometric pressure to provide the weather forecast (→15), and the current and past 24 hours barometric pressure history. Measurements are recorded by the main (indoor) unit.

VIEW BAROMER AREA

Press **SELECT** to navigate to the Barometer Area.

If ⚙ is NOT shown, press **MODE.**

	Barometric data is shown in two areas. The top area shows a 24-hour bar chart.
	The bottom area shows current and historical readings.
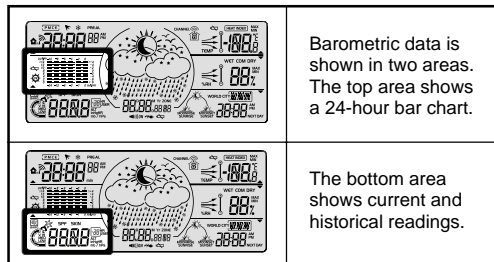
SELECT MEASUREMENT UNIT

Press **mb / inHg** on the back of the weather station.

VIEW BAROMETER HISTORY

Navigate to the Barometer Area, then press **HISTORY** repeatedly to scroll through the measurements. The number shown in the HR box indicates how long ago each measurement was taken (e.g., 2 hours ago, 3 hours ago, etc.).

BAR CHART DISPLAY

The bar chart visually shows atmospheric changes from the current hour [**0**] to 24 hours prior (-24).
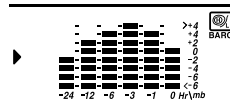
SET ALTITUDE

Set the altitude to match how far above or below sea level you are living. This ensures that the barometric pressure readings are accurate.

1. Navigate to the Barometer Area.
2. Press and hold **HISTORY** for 2 seconds.
3. Press **UP** or **DOWN** to set the altitude in 10 meter increments (-100m to 2500m).
4. Press **HISTORY** to confirm.

WEATHER FORECAST

This product forecasts the next 12 to 24 hours of weather within a 30 – 50 km (19 – 31 mile) radius. The forecast is based on barometric pressure trend readings.

The middle area shows an animated icon indicating the forecasted weather.
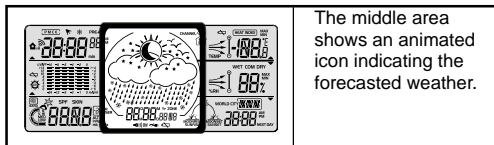
WEATHER FORECAST ICONS

ICON	DESCRIPTION
DAY NIGHT	CLEAR
DAY NIGHT	PARTLY CLOUDY
	CLOUDY
	RAINY
	SNOWY

NOTE The nighttime icon displays after sunset. When the Channel 1 sensor records a temperature of 2°C (35.6 °F) or lower, the RAINY icon becomes SNOWY.

UV MEASUREMENT (WITH OPTIONAL UVR138)

With the optional UVR138 Ultra-Violet Radiation Sensor, the following information is at your fingertips:

- 10-hour Ultra-violet index (UVI) record
- Automatic calculation of acceptable UV exposure times based on pre-set user profiles (4 users maximum)
- UVI Danger Alert when UV index reaches unsafe levels

UV data is shown in the same area as the Barometer. Press **SELECT** to navigate to the Barometer Area, then press **MODE** to display the ☼ UV icon and data. Refer to the UVR138 User Manual for more information.

TEMPERATURE AND HUMIDITY

The weather station can display the following information from any of the 5 remote sensors:

- Current, minimum, and maximum temperatures and relative humidity percentages.
- Heat index that shows the apparent, or felt, current temperature, trend line, and minimum / maximum readings.
- Comfort level indicator and trend line (rising, falling, or steady).

Data is collected and displayed every 60 seconds.

VIEW TEMPERATURE AND HUMIDITY AREA

Press **SELECT** to navigate to the Temperature and Humidity Areas.

Temperature and Heat Index data is given at the top; Humidity is below.
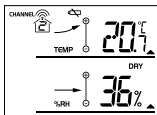
SELECT MEASUREMENT UNIT

Press °**C /** °**F** on the back of the weather station.

SELECT SENSOR CHANNEL

Press **CHANNEL** to switch between sensors 1 - 5.

CHANNEL	The house icon shows the selected remote sensor.
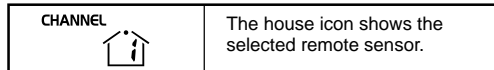
To auto-scan between sensors, press and hold **CHANNEL** for 2 seconds. Each sensor's data will be displayed for 3 seconds.To end auto-scan, press CHANNEL or MEMORY with the Temperature / Humidity Area selected.

NOTE If you select a sensor that collects only temperature data, the humidity will not be shown.

MINIMUM / MAXIMUM RECORDS

Press **MEMORY** repeatedly to view current, maximum and minimum records for the selected sensor. To clear the records, press and hold **MEMORY** for 2 seconds.
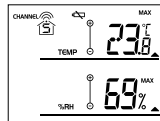
A beep will sound to confirm that the memory has been cleared.

TEMPERATURE AND HUMIDITY TREND

The trend lines are shown next to the Temperature and Humidity readings.

Trend	Rising	Steady	Falling
ICON	↗	→	↘

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COMFORT ZONE

The Comfort Zone indicates how comfortable the climate is, based on current temperature and humidity measurements.

ZONE	TEMPERATURE	HUMIDITY
WET	Any	>70%
COM	20 – 25 ° C (68 - 77 ° F)	40 – 70%
DRY	Any	<40%

This information is shown in the Humidity Area when the current measurement is displayed.

HEAT INDEX

The Heat Index indicates apparent, or felt, temperature. This can significantly differ from measured temperatures on hot, low humidity days since it estimates the effects of heat stress (temperature and humidity) on the body.

To view the Heat Index, press **MODE** while the Temperature and Humidity Area is selected.
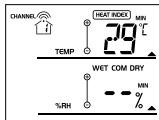
HEAT INDEX LEVELS

IF THE HEAT INDEX IS	THEN THE DANGER LEVEL FOR PROLONGED OUTDOOR PHYSICAL ACTIVITY IS
27 to 32°C (80 to 89°F)	**CAUTION** (possible heat fatigue)
32 to 40°C (90 to 104°F)	**EXTRA CAUTION (**possible sunstroke, heat cramps, or heat exhaustion)
41 to 54°C (105 to 129°F)	**DANGER** (likely sunstroke, heat cramps, or heat exhaustion; possible heatstroke)
54 to 93°C (130 to 199°F)	**VERY DANGEROUS (**possible heat stroke or sunstroke)
"HH"	**OVER RANGE** (the temperature falls outside the 26 to 93°C (80 to 199°F) range)

VIEW MIN / MAX HEAT INDEX LEVELS

Press **MEMORY** while the Heat Index Area is shown.

VOICE RECOGNITION

This product has a built-in sensor for recognizing voice commands. When activated, the product can tell you the current time, alarm, and weather conditions in response to a voice command that you give it.

The language for the Voice Recognition feature is selected when you set the clock (→ 10).

ACTIVATE VOICE RECOGNITION PROMPT

Plug in the AC power adapter (it must be plugged in for the feature to work). Press **SELECT** to navigate to the Clock Area. Then, simultaneously press and hold **UP** and **DOWN** for 3 seconds. A welcome message in the selected language will broadcast.

8.26 Yr 005A ◀ᗕ))ON	◀ᗕ))ON displays when Voice Recognition is ON
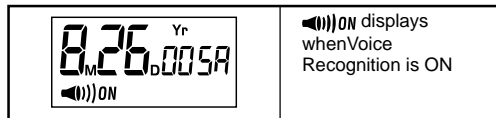
SET VOLUME LEVEL

There are 3 volume levels: Low, Medium and High. To set the volume level, first activate Voice Recognition.
(◀ᗕ))ON will display.) Then, access the Clock Settings Mode to select the volume level (→ 10, Step 7).

VOICE RECOGNITION COMMANDS

The product responds to the following voice commands:

COMMAND	RESPONSE
WEATHER STATION	Prepares to access weather station data. Further command is needed.
ALARM and setting	Alarm status (on or off)
TIME	Current time
WEATHER	Weather forecast, current temperature and humidity for selected sensor.

TIPS FOR USING VOICE RECOGNITION

Face the product, no more than 2 meters (6 feet) away. Speak slowly and distinctly. Minimize background noises, such as the television or other people talking. If the weather station does not recognize your command, it will ask you to repeat it. After 2 unsuccessful attempts you will hear a beep. To begin again, say "Weather Station" to re-enter the program, then repeat the command.

The product will not respond to any command when it is talking. Say command only when it has finished.

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BACKLIGHT

Press **SNOOZE / LIGHT** to illuminate the backlight for 5 seconds.

RESET SYSTEM

The **RESET** buttons are located on the back of the main unit and in the battery compartment for the sensors. Press **RESET** when you change the batteries and whenever performance is not behaving as expected (for example, unable to establish radio frequency link with remote unit or radio-controlled clock).

NOTE When you press **RESET**, all settings will return to default value, and you will lose all stored information.

SAFETY AND CARE

Clean the unit with a slightly damp cloth and alcohol-free mild detergent. Avoid dropping the unit or placing it in a high-traffic location.

WARNINGS

This product is designed to give you years of service if handled properly. Observe the following guidelines:

- Never immerse the unit in water. This can cause electrical shock and damage the unit.
- Do not subject the main unit to extreme force, shock, or fluctuations in temperature or humidity.
- Do not tamper with the internal components.
- Do not mix new and old batteries or batteries of different types.
- Do not use rechargeable batteries with this product.
- Remove the batteries if storing this product for a long period of time.
- Do not scratch the LCD display.

Do not make any changes or modifications to this product. Unauthorized changes may void your right to use the product. The technical specification of this product and contents of this user guide are subject to change without notice. Images not drawn to scale.

TROUBLESHOOTING

Check here before contacting our customer service department.

Problem	Symptom	Remedy
Barometer	Strange readings	Set altitude / unit (→ 14)
Calendar	Strange date / month	Change language (→ 10)
Clock	Cannot adjust clock	Disable radio-controlled clock (→ 10)
	Cannot auto-synch	Adjust batteries. (→ 6)
		Press **RESET** (→ 14)
		Manually activate radio-controlled clock- (→ 10)
Temp	Shows "LLL" or "HHH"	Temperature is out-of-range
Remote sensor	Cannot locate remote sensor	Check batteries (→ 6)
		Check location (→ 8)
	Cannot change channel	Check sensors. Only one sensor is working (→ 8)

Problem	Symptom	Remedy
Voice recognition	Does not work	Is the AC adapter pluggedin? (→ 6)
		Is voice recognition on? (→ 15)
		Try again once the product has stopped talking. Speak clearly and slowly.

SPECIFICATIONS

MAIN UNIT DIMENSIONS

L x W x H	207 x 119 x 40 mm (8,15 x 4.69 x 1.58 inches)
Weight	406 grams (0.9 lbs) with battery

REMOTE UNIT DIMENSIONS

L x W x H	70 x 24.5 x 116mm (2.76 x 0.96 x 4.57 inches)
Weight	156 grams (0.34lb.) with battery

TEMPERATURE

Unit	°C or °F
Indoor Range	-5 °C to 50 °C (23 °F to 122 °F)
Outdoor Range	-20 °C to 60 °C (-4 °F to 140 °F)
Resolution	0.1 °C (0.2° F)
Comfort	20 °C to 25 °C (68 °F to 77 °F)
Memory	Min / Max
Trend	+/- 5° (°C or °F)

RELATIVE HUMIDITY

Range	25% to 95%
Resolution	1%
Comfort	40% to 70%
Memory	Min / max
Trend	+/- 3%

BAROMETER

Unit	mb/hPa or inHg
Range	500 to 1050 mb (14.77 to 31.01 inHg)
Resolution	1 mb (0.03 inHg)
Altitude	-100 to 2500 meters (-328 to 2734 feet)
Display	Sunny, partly cloudy, cloudy, rainy, snowy

REMOTE UNIT (RTGR328N)

RF frequency	433 MHz
Range	Up to 100 meters (328 feet) with no obstructions
Transmission	every 1 minute
Channel No.	1, 2, 3,4 or 5
Unit	°C or °F

RADIO CONTROLLED CLOCK

Synchronization	Auto or disabled
Clock display	HH:MM:SS
Hour format	12hr AM/PM (MSF format) 24hr (DCF format)
Calendar	DD/MM or MM/DD; weekday in 5 languages (E, G, F, I,S)
Alarm	Daily & Pre-Alarm; 2- minute crescendo
Snooze	8 minutes

POWER

Main unit

Power adapter	6V AC adapter
Batteries	3 x UM-3 (AA) 1.5V alkaline batteries (back-up)

Thermo-Hygro

Remote sensor	2 x UM-3 (AA) 1.5V alkaline batteries

EC-DECLARATION OF CONFORMITY

This product contains the approved transmitter module TX 05 and complies with the essential requirements of Article 3 of the R&TTE 1999/5/EC Directives,if used for its intended use and that the following standard(s) has/have been applied:

Radio frequency spectrum
(Article 3.2 of the R&TTE Directive)
applied standard(s) **ETSIEN300220-3(Ver.1.1.1):2000-09**

Electromagnetic compatibility
(Article 3.1.b of the R&TTE Directive)
applied standard(s) **ETSIEN301489-1-3(Ver.1.4.1):2002-08**

Safety of information technology equipment
(Article 3.1.a of the R&TTE directive)
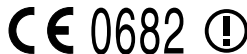applied standard(s) **EN 60950:2000**

Additional information:

The product therefore conforms with the Low Voltage Directive 73/23/EC,the EMC Directive 89/336/EC and R&TTE Directive 1999/5/EC (appendix II) and carries the respective CE marking.

VS-Villingen / Germany August 2003

Gerhard Preis

R&TTE Representative of manufacturer

CE 0682 ①

COUNTRIES RTTE APPROVAL COMPLIED
All EC Countries, Switzerland ⓒⒽ
and Norway Ⓝ