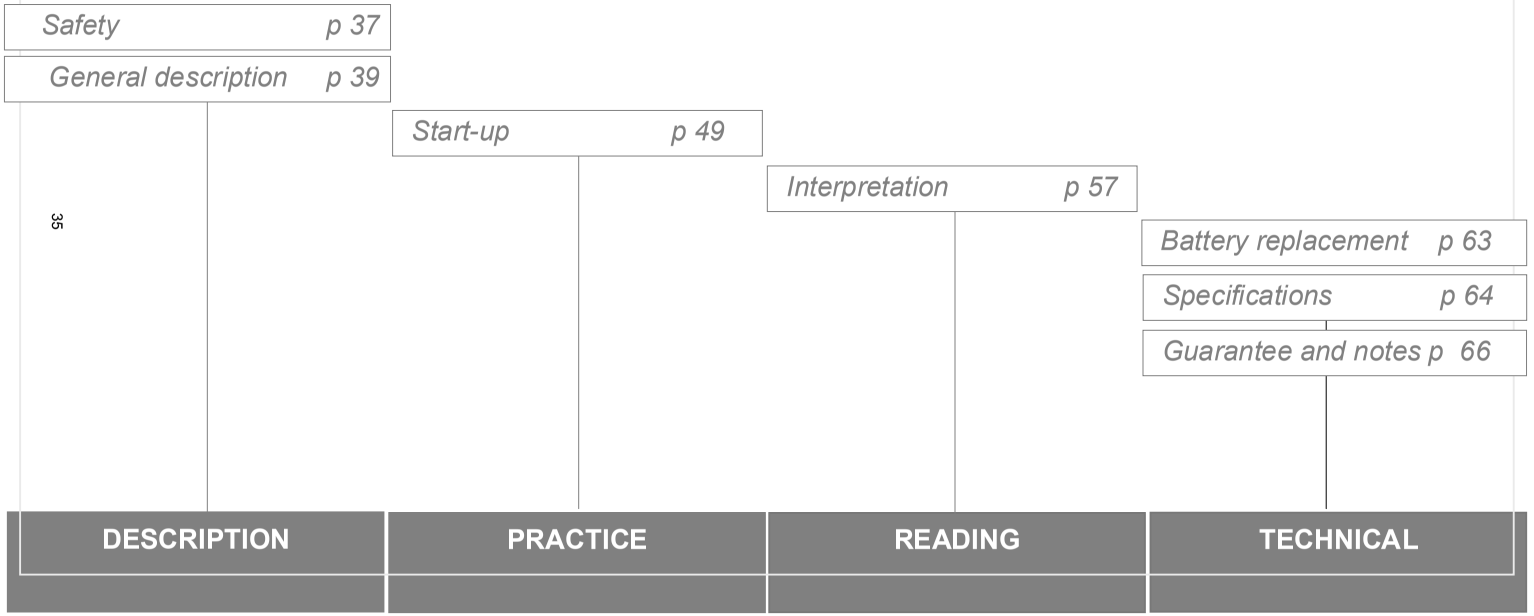

Safety p 37
General description p 39
Start-up p 49
Interpretation p 57
Battery replacement p 63
Specifications p 64
Guarantee and notes p 66
DESCRIPTION
PRACTICE
READING
TECHNICAL

The following pages contain significant information for your safety. Please read them entirely before using your METEO EXPLORER

The symbols ⚠ ' Warning' and 👁 ' Precaution ' are used throughout this manual. Before any use, read all sections marked with these symbols.

WARNINGS

For your safety, when using your METEO EXPLORER, please respect the following warnings :

⚠ **Do not dismantle this device**
Do not dismantle the device, otherwise the guarantee will be void. Do not insert a blade, a rod, a screwdriver or any other object through the air vents as this can cause damage that will not be covered by the guarantee.
Never try to open the body of the radio sensors, since this might deteriorate the seal and void your guarantee.

⚠ **Do not forget to put the cap on all radio sensors exposed to bad weather conditions.**

⚠ **Handle batteries with precaution**
- Use only LR03 1.5V batteries
- When inserting the batteries, follow the polarity.
- Do not expose batteries to a flame or to excessive heat.
- Batteries tend to leak when they are completely discharged. To avoid damaging the device, remove them as soon as they are discharged.
- When you do not use the batteries, place the closing cover of the battery housing (on the main unit as well as on the sensors) and store the batteries in a cool place.
- Use only new batteries; do not mix worn batteries and new ones since old batteries are likely to leak.

⚠ **Keep the device out of the reach of children**
Make sure especially that children do not put batteries or other small components of the device into the mouth.

- Descriptions and characteristics appearing in this document are given for information purposes only and shall not be construed as a liability on our part. Indeed, as we are concerned about the quality of our products, we reserve our right to carry out any modification or improvement of our products without notice.
- We have made every effort to publish a manual without errors, however if you should find one, please let us know about it.
- The manufacturer and the distributors shall not be held responsible for any damage, injury or prejudice suffered by the owner or any third party in the course of using this device.
- The contents of this manual cannot be reproduced without prior permission of the manufacturer.

PRECAUTIONS

To make the best use of your Altitude Instrumentation product, follow also the following instructions:

 **Keep the device dry**
The main unit or base of the METEO EXPLORER is not watertight and will no longer work if immersed in water or held under running water.
Keep it clean and dry. Should it get wet, wipe it immediately with a soft, damp cloth.

 **Eliminate salt, sand and dust**
If you have used your METEO EXPLORER on the coast, clean it using a soft, damp cloth to eliminate sand or salt, then dry it carefully.

 **Do not touch liquid crystal displays with fingers or with any object.**
To clean LCD display, use a soft, damp cloth, without pressing on screen. Do not use chemicals or detergents.

 **Clean gently.**
Clean your main unit and your sensors with a soft, damp cloth if necessary. Do not use chemicals or detergents.

 **Transport your product carefully.**
To transport the device, remove the detachable foot. Do not press on the foot once it is in place.

 **Keep the device at normal temperatures and avoid abrupt changes of temperature.**
Use and keep your main unit at normal temperatures (0 to + 50°C).
Abrupt variations of temperature, which can happen if you bring the main unit into or move it out of a heated interior on a very cold day, are likely to create condensation inside the device. To prevent this, place it in a plastic bag before exposing it to an abrupt change of temperature.

 **Do not drop the device.**
Handle the main unit and the sensors carefully: they are likely to malfunction if they undergo violent shocks or vibrations.

 **Move the device away from intense magnetic fields.**
Do not use and place your METEO EXPLORER near equipment generating strong electromagnetic radiations or magnetic fields. Indeed, the magnetic field produced by equipment such as a radio transmitter or a television set is likely to disturb display, to damage the data stored in memory or to affect the internal circuits of the device.

 **Batteries.**
Before powering-up the device, check the load level of batteries and replace them if needed. The load level indicator will tell you when to replace them.
In cold weather, batteries tend to discharge more quickly.
If the terminals of the battery are dirty, clean them using a soft, damp cloth before using the battery.

We thank you for purchasing this instrument and hope you will be entirely satisfied with it.

Informed consumers participated in the development of this device, which was designed and developed by the engineers of our R&D department.

The METEO EXPLORER is an electronic weather station that has been specifically designed for all those who are interested in the elements and the subject of weather forecasts.

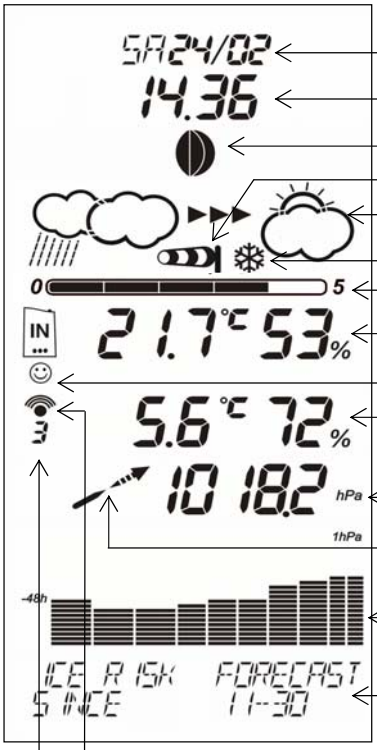
CHECKING THE CONTENTS OF THE PACKAGE

- 1 main unit
- 1 foot
- 1 sensor
- 1 cap
- 1 wall mounting kit
- 7 batteries LR03 (AAA)
- 1 user's manual

MAJOR CHARACTERISTICS OF THE MAIN UNIT

- "Multi-criteria" weather forecast with confidence rating, a world exclusivity of your METEO EXPLORER.
- Strong wind alarm.
- Frost forecast for following 6 hour period.
- Text zone (choice of 3 languages) giving important information or in "scroll menu" mode giving access to all functions.
- Indication of moon phases with 8 positions.
- Atmospheric pressure in absolute value or "reduced to sea level", with accuracy : +/ - 0.5 hPa.
- Pressure variation forecast arrow.
- Choice of graph: indoor or outdoor temperature/hygrometry, pressure, and 48-hour forecast, with "zoom effect" over 24, 12 or 6 hours.
- Indoor temperature and hygrometry with indication of the comfort level.
- Outdoor temperature and hygrometry.
- Takes up to 3 sensors.
- Automatic search of sensors.
- Low battery indicator for main unit and all sensors.
- Time, date and day.
- Audible ‘beep' upon pressing any valid key.
- Choice of display: C° or F°, hPa or inHg, 12/24h time indication.
- Power supply from 4 LR 03 (AAA) type batteries.
- Approximate average lifetime of batteries : 10 to 12 months.

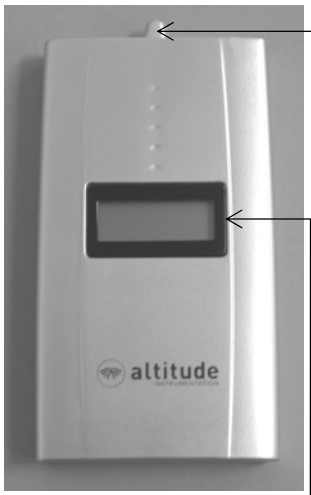
MAIN UNIT LIQUID CRYSTAL DISPLAY (LCD)

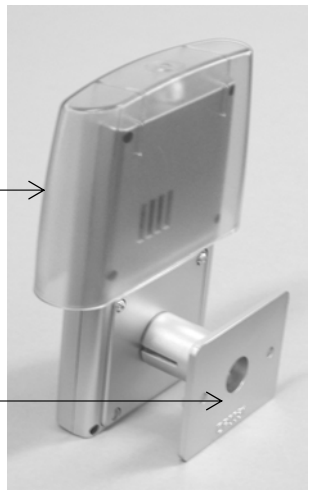


1. Day and date
2. Time
3. Moon phase
4. Strong wind alarm
5. Multi-criteria weather forecasts
6. Frost forecast
7. Weather forecast confidence rating
8. Indoor temperature and hygrometry
9. Comfort rating
10. Outdoor temperature and hygrometry
11. Atmospheric pressure
12. Pressure forecast arrow
13. Multifunction graph
14. Text zone
15. Reception indicator
16. Radio sensor N°

Refer to pages 57 to 62 for further details.

SENSOR



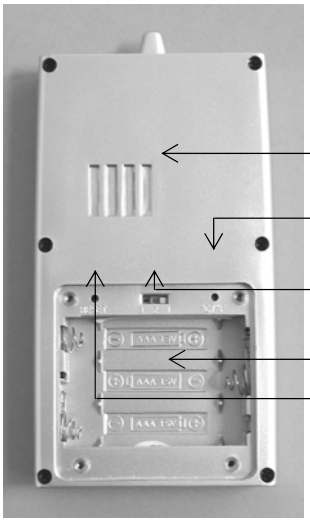


LCD display ①

② Cap

③ Detachable foot

④ Antenna



⑤ Air vents

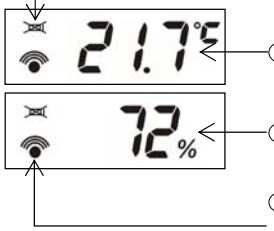
⑥ Temperature switch °C or °F

⑦ Sensor N°

⑧ Battery housing

⑨ Reset

SENSOR LCD DISPLAY



① The low battery indicator appears on the top-left of the LCD

The sensor's LCD displays intermittently the following information every 5 seconds:

② The local temperature

or

③ The percentage of local hygrometry

④ The transmission indicator light: appears every minute on bottom left of the LCD. It means that the sensor is transmitting.

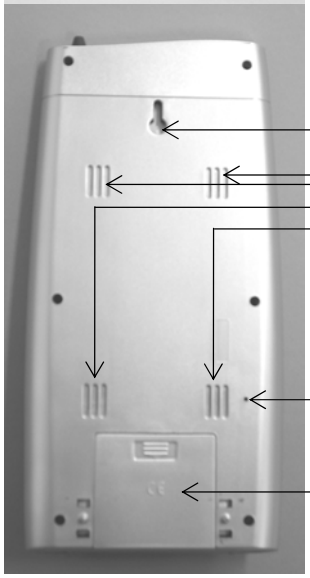
MAIN CHARACTERISTICS

(up to 3 sensors – one is supplied, the other two are available separately)

- Water tight casing protected against running water.
- Long range radio transmission: 60m
- LCD displaying temperature and hygrometry with transmission indicator light
- Detachable foot
- Requires 3 LR 03 (AAA) type batteries

MAIN UNIT

1 Antenna
2 Ventilation
3 LCD (Liquid crystal display)
4 Foot
5 Keyboard



6 Wall mounting
7 Air vents
8 Reset
9 Battery housing

SCROLL MENUS

NAVIGATION KEYS

(Top row)

C Key to exit from a menu

Keys to move through the various options of the different menus.

OK Key to confirm and validate a choice.

MENU KEYS

(Bottom row)

SET Access key to the settings menu

Access key to the sensors menu

M Access key to the mini/maxi menu

Access key to zoom selection

Access key to the graph selection

Take a few moments to learn about the respective functions of the controls, displays and menus of this device.

In general, if you do not use the keyboard for more than 35 seconds, the default display will reappear and you will have to begin your operations again.

SET SETTINGS MENU KEY

This key is for **setting the main unit when starting-up** your METEO EXPLORER (see page 49).

It is also used for **modifying a setting** later on (e.g. changing from winter to summer-time).
Place the arrow ► in front of PROGRAM using the keys ▲ or ▼ then press OK .

ALARM ► PROGRAM

Then, select the data to be set. All setting parameters will be displayed one after the other. You will need to validate each one until you reach the parameter you wish to modify.

When you come to the end of the menu, the following screen is displayed:

THANK YOU
END OF PROGRAM

Then wait a few seconds before the default display reappears.

This key is for **setting the alarms** (see page 54).
Place the arrow ►in front of ALARM using the keys ▲ or ▼ then press OK .

► ALARM PROGRAM

SENSOR MENU KEY

This key is for **displaying data of the selected sensor** (sensor 1, 2 or 3).
Place the arrow ► in front of DISPLAY using the keys ▲ or ▼ then press OK .

► DISPLAY SYNCHRO

Then select the desired sensor by moving the arrow ► in front of your choice using the keys ▲ or ▼ then press OK .You can then see at the requested information.

Example:

DISPLAY	►	SENS 1
SENS 2		SENS 3

This key is also for **launching the sensor searching procedure** by the main unit (see page 50).

MINI/MAXI MENU KEY

This key gives access to the **memorized mini/maxi** pressure BARO, temperature TEMP and hygrometry HYGR , with indication of date and time.

► BARO	TEMP
HYGR	RESET

Set the arrow ►in front of your choice using the key ▲ or ▼ then press OK.

Then select maximum or minimum by setting the arrow ► in front of your choice using the keys ▲ or ▼ then press OK .
The requested information is displayed.

Example:

►BARO MAX	1027.4
11 08 0	10H32

The device goes back automatically to the default display after a few seconds.

This key is also for resetting **all memorized mini/maxi data to zero** (RESET)

BARO	TEMP
HYGR	► RESET

Default display reappears immediately.

ZOOM MENU KEY

This key is for selecting the graph scale:
6H, 12H, 24H or 48H.

Place the arrow ► in front of your choice using the keys ▲ or ▼ then press OK.

GRAPHS MENU KEY

This key is for **selecting the type of graph display,** either BARO (pressure), or THER (temperature), or HYGR (hygrometry), of the base (main unit) or of sensor n°1.

Selecting a function of the main unit

GRAPH
► MAIN UNIT N°1

After selecting BASE (main unit) by positioning the arrow ► in front of BASE and pressing OK ,select either BARO (pressure), or THER (temperature), or HYGR (hygrometry).
Place the arrow ►in front of your choice using the keys ▲ or ▼ then press OK.

Example
GRAPH BARO
THER ► HYGR

Select sensor n°1

GRAPH
MAIN UNIT ► N°1

After selecting N°1 (sensor), by positioning the arrow ► in front of N°1 and pressing OK , you must select either THER (temperature), or HYGR (hygrometry).
To do this, place the arrow ► in front of your choice by using the keys ▲ or ▼ then press OK.

Example
GRAPH
►THER HYGR

Whether it is for the main unit or for the sensor, it takes several seconds before the requested new graph is displayed.
At the first start-up, a complete graph can not be correctly displayed until historical data has been created, that is after 48 hours of operation.

START-UP

Strictly follow the steps described below. Start-up is done in 4 steps:

- Start-up of main unit
- Start-up of radio sensor(s) and setting of main unit to sensor searching mode
- Setting the main unit
- Setting alarms (if required)

Since the device takes into account the altitude of the place of use, it is advised to carry out the device's start-up at the intended place of use, otherwise it will not operate correctly.

Before starting, establish the altitude and the current pressure of the place you are in by calling a weather station (local weather centre or port).

STEP 1 - START-UP OF MAIN UNIT

Before fixing the foot on, pull the battery housing cover down and remove it.

Insert the batteries strictly matching the polarity signs indicated at the bottom of the housing. The device uses 4 batteries of 1.5V LR 03 (AAA) type

Put the cover back in place and check that it is properly positioned.
Fix the foot onto the device (rounded surface upwards) while pressing slightly the top and bottom surfaces to insert the mounting feet into the holes.

Upon power up, the main unit makes a long 'beep', the LCD screen lights up entirely and the following data is displayed from top to bottom:

- The date Wednesday 31/1
- The time 0.00
- The moon phase
- The inside temperature and hygrometry
- Dotted lines in the zone reserved for radio sensors
- Absolute pressure at sea level

The weather forecast and graph zones are empty.

STEP 2 - START-UP OF SENSOR(S) AND SETTING THE MAIN UNIT TO SENSOR SEARCHING MODE.

Unscrew the battery housing cover and remove it.

Before inserting batteries, select the N° to be assigned to this sensor (reminder : N°1 is for the outside) by sliding the switch to the right for N° 1, to the centre for N° 2 and to the left for N° 3 (see diagram on page 42).

⚠ Do not change the N° of a sensor after its start-up, otherwise you will have to start the whole procedure again from the beginning.

Press the sensors menu button .

Select SYNCHRO by pressing the keys ▲ or ▼, then press OK .

This radio sensor operates with 3 batteries of LR03 AAA type. Insert them while strictly following the polarity signs indicated at the bottom of the housing.

From that moment and for 3 min, the main unit searches specifically for all transmissions of radio sensors it receives. Therefore, it is strongly advised to start the sensor(s) within this 3min time delay (see step 1).

These radio sensors operate under supply from 3 LR03 AAA type batteries. Insert them following strictly the polarity signs indicated at the bottom of the housing.

Before closing the cover, select the temperature unit °C or °F to be displayed on the sensor's LCD, by pressing a fine point into the opening provided for that purpose (see diagram on page 42).

Upon sensor's power up (or after a reset), it transmits especially its identification number. Following this procedure results in "locking" the main unit onto the sensor(s).

This procedure may therefore be used also to check if the location of a sensor makes it possible for the main unit to receive it.

Ensure that the provided seal is carefully fitted in its housing before closing the battery compartment. Follow the same procedure when you need to replace batteries later on.

Place the cap on the sensor. Carefully fix the wall mounting kit onto the wall.

⚠**We recommend that you assign N° 1 to the radio sensor to be placed outside, and that you locate it North or under a "shelter" so that it will never receive any direct sunlight (this would completely distort the relative humidity and temperature readings) and would also distort the**

result of the multi-criteria weather forecast, a world exclusive feature of your METEO EXPLORER.

If you live in an area with electromagnetic disturbances (which is very frequent due to the numerous domestic appliances in use) and if, as a result, the main unit loses contact with one of its sensors, an automatic search will start for 3 minutes. If the sensor(s) is/are still not received, this procedure will be carried out automatically every hour until the operation succeeds. During these phases of automatic search, the SYNCHRO message will be displayed in the text zone. This automatic search procedure is a world exclusive feature of your METEO EXPLORER.

STEP 3 - SETTING THE MAIN UNIT

In the event of error in carrying out the main unit setting procedure, you may reset the system by pressing the key SET.
To move backwards to a function in the course of the procedure, press C.

If all of the following settings are not done, your device may not operate correctly and will not give you entire satisfaction. Since the device calculates moving averages, it is recommended to carry out the setting procedure after a few minutes of operation.

Press SET. The setting procedure has 15 steps.

Step 1

MISE EN MARCHE (STARTING)
► OUI NON (YES NO)

Confirm starting by pressing OK.

Step 2

LANGUE FRANCAIS
OUI ► NON

SPRACHE DEUTSCH
JA ► NEIN

LANGUAGE ENGLISH
► YES NO

Select your language using the keys ▲ or ▼ then press OK.

Step 3

SENS 1 OUTSIDE?
►YES NO

Confirm by pressing OK that you will assign later on the n°1 to the radio sensor to be placed outside. If the sensor n°1 is not placed outside, the weather forecasts will operate in degraded mode and you will not have full benefit of all functionalities of the device.

Step 4

MODE
12 H ►24 H

Select the time format either 12H (AM/PM) or 24H using the keys ▲ or ▼ , then press OK.

Step 5

HOURS ►00H

Set the time using the keys ▲ or ▼, then press OK .

Step 6

MINUTES ►00MN

Set the minutes using the keys ▲ or ▼, then press OK.

Step 7

YEAR ►2001

Set the year using the keys ▲ or ▼, then press OK.

Step 8

MONTH ►00

Set the month using the keys ▲ or ▼, then press OK.

Step 9

DAY ►00

Set the day using the keys ▲ or ▼, then press OK.

Step 10

ALTITUDE UNIT
►METRES FEET

Choose the altitude units either METRES or FEET, using the keys ▲ or ▼ then press OK.

Step 11

ALTITUDE ►0000M

Set the altitude of the location of use of main unit. Choose the altitude using the keys ▲ or ▼ : at each stroke of the key, the unit value increases or decreases by 5 metres and then by 50 metres after 11 successive strokes of the same key..
Then confirm by pressing OK.

Step 12

PRESSURE UNIT
►HPA INHG

Select the pressure unit either HPA or INHG using the keys ▲ or ▼ then press OK.

Step 13

PRESSURE ► 0000.0
ADJUST HPA

Carry out the precision setting of the pressure using the keys ▲ or ▼ then press OK.

Step 14

TEMPERAT UNIT
►°C °F

Select the temperature unit either °C or °F using the keys ▲ or ▼ then press OK.

Step n°15

HEMISPH
►NORTH SOUTH

Indicate the hemisphere in which you are located using the keys ▲ or ▼ then press OK.

At the end of these settings, the following screen is displayed:

THANK YOU
END OF PROGRAM

The device displays:
- The day in the chosen language, the date, the time
- The moon that turns and stops regularly on its current phase
- The inside temperature and hygrometry with indication of the comfort level
- The pressure reduced to sea level
- The graph which is on the 6H baro base
- The right-hand column is displayed after fifteen minutes

STEP 4 - SETTING ALARMS IF REQUIRED

You can only set one alarm, and you may choose between an alarm on the main unit or an alarm on one of the 3 radio sensors, for the temperature, the hygrometry or the atmospheric pressure (only on the main unit).

Press SET.

Then place the arrow ► in front of ALARM using the keys ▲ or ▼ then press OK.

► ALARM PROGRAM

If you select REPEAT,

ALARM NEW
► REPEAT STOP

The data of the alarm previously selected will be displayed.

Example:
BARO INT SUP
0927.5

If you choose NEW

ALARM ►NEW
REPEAT STOP

You must choose whether you want to set the alarm for the main unit or for one of the sensors: place the arrow ►in front of your choice with the keys ▲ or ▼ then press OK

MAIN UNIT SENS 1
►SENS 2 SENS 3

If you chose an alarm on the main unit (BASE), you must then choose between pressure BARO, temperature TEMP or hygrometry HYGR .

► BARO
TEMP HYGR

If you chose an alarm on a sensor, you must then choose between temperature (TEMP) or hygrometry (HYGR)

In order to select **the type of alarm**, whether it is for the main unit or for a sensor, follow the procedure below :
Select the type of alarm chosen using the keys ▲ or ▼ then press OK .

SUP
INF ► INF I SUP

Option SUP : select this option if you wish to define only one maximum value. In this case, the alarm sounds if the measured data becomes higher than the selected limit.

Option INF : select this option if you wish to define only one minimum value. In this case, the alarm sounds if the measured data becomes lower than the selected limit.

Option INF / SUP select this option if you wish to define a maximum value and a minimum value.
In this case, alarm sounds if the measured value is outside the selected limits.

Select the alarm value using the keys ▲ or ▼ then press OK.

Example
SUP ►0927.5
INF ►0927.5

OK

The lower value shall be selected by pressing after the upper value has been set.

If you select STOP

ALARM NEW
REPEAT ► STOP

The alarm is deactivated and you return automatically to the default display.

When an alarm sounds, it can be stopped by pressing OK or SET. Otherwise, the alarm stops automatically after 30 minutes.

Warning: the buzzer consumes a lot of energy and shortens the life of the batteries. It is thus recommended to stop alarms manually.

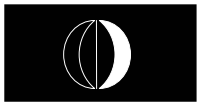
DATA INTERPRETATION

Some of the functions like weather forecasting, strong wind alarm, frost risk, storm risk, forthcoming atmospheric pressure trend and graph zone can only operate with complete historical data. This is why you should remember that their readings will not be accurate until after 24 operating hours.

DAY, DATE and TIME

Your device has a calendar set until 2030; the 2 letters of the day are displayed in the language you selected. The date is in a European format (example: 15/6 = June 15), and the time is in a 24-hour or 12-hour format (AM/PM) according to your choice.

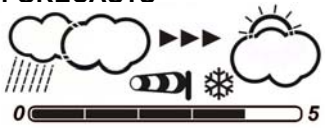
MOON PHASES



The moon rotates twice (the rotation direction depends on the hemisphere, northern or southern), and then stops for 5 seconds on the current moon phase. For example, in the case of the moon's first quarter, the right crescent will be white and the others black.

This is an automatic process. Your device has a calendar of the lunar events set until 2030, and this information depends of course on the accuracy of the date you entered in the device.

MULTI-CRITERIA WEATHER FORECASTS



Your METEO EXPLORER is equipped with a system of multi-criteria forecasting.
Most devices currently sold on the market make their forecasts the basis of an atmospheric pressure measurement only, which is not sufficient and provides no more information than a mechanical barometer.

On the contrary, your METEO EXPLORER is equipped with"intelligent" software taking into account the pressure and its speed of change and moreover, thanks to the outdoor radio sensors, detects the forthcoming air masses (for example hot and wet, cold and dry, etc.).

This is why you must strictly follow the instructions for locating the radio sensor (see Start-up section page 49).

The current valid forecast is displayed by scrolling arrows between the icons.

For example:
Trend towards a cloudier sky with risk of rain.

Trend towards bright, dry weather.

Thanks to its 'intelligent' software, your device is then capable alone of detecting whether the evolution of the various atmospheric data will allow it to make a reliable forecast or not. It permanently informs you of the confidence rating of its own forecast, which may vary from 1 to 5.

Index 1: low reliability

Index 4: high reliability

When the various data and their trends are not consistent, forecasting becomes impossible. Then only the last forecast, which is no longer valid, is displayed for your information. The arrows are permanently lit and of course the confidence rating is set to 0.

Speed of evolution: forecasts made by the device generally materialize within the next 6 to 12 hours

Text zone (at bottom of LCD display): the date and the time of the valid forecast are displayed intermittently in the text zone.

STRONG WINDS ALARM

Your METEO EXPLORER is equipped with a strong winds alarm system – exclusive system to Altitude.

The windsock flickers when the device detects risks of constant wind or strong gusts in the few hours to come.

The system intermittently reminds you of the risk of strong winds in the text zone.

When this forecast is no longer valid, the airsock remains lit for your information during 6 hours.

FROST RISK

Your METEO EXPLORER is equipped with a world exclusive new system of forecasting frost.

The snow crystal flickers when the device detects conditions likely to announce frost. This forecast is valid for the next 6 to 8 hours.
The flickering is slow if the risk is low; the flickering is fast if the risk is high.

If the frost is set in, the crystal remains permanently lit.

In all cases, this risk is recalled intermittently in the text zone.

STORM RISK

Your METEO EXPLORER is equipped with a new system of forecasting the risk of a storm.

The storm risk symbol flickers when the device detects all of the conditions that allow it to predict the arrival of a storm.

When this forecast is no longer valid, the signal remains permanently lit for 6 hours, for your information.

INDOOR TEMPERATURE AND HYGROMETRY

The indoor temperature (°C or °F according to your choice) and hygrometry are displayed next to the sign : IN

The sign ☺ indicates the comfort level.

In this case, the maximum comfort of a room is reached, i.e. a temperature ranging between 19 and 25°C, and a relative humidity between 40 and 70%.

In the case of an abnormal comfort level, the sign does not appear but the following indications are displayed:

Under the temperature display

HOT

When > 25°C

COLD

When < 19°C

Under the display of hygrometry

WET

When > 70%

DRY

When < 40%

OUTDOOR TEMPERATURE AND HYGROMETRY

Temperature (°C or °F according to your choice) and hygrometry are displayed beside the N° of the sensor. The sensor is the one, amongst the 3 possibilities, that you selected with the scroll menu.

The N° of the sensor you selected is displayed (reminder: if it flickers, the batteries of the sensor are low), the sign appearing at the top of this N° gives you the reception rating :

- Good reception
- Average reception
- Weak reception

When the main unit no longer receives correctly the sensor's transmission, dotted lines replace the data (see Setting sensors into research mode using the main unit, page 50).

ATMOSPHERIC PRESSURE

Your METEO EXPLORER has a new generation numerical pressure sensor, with a quasi professional accuracy of + / – 0.5 hPa or of + / - 0.03 inHg.

If you set the device at an altitude of 0 meter, it displays the pressure in " absolute value " (actual altitude value at the location).

If you set your device at the altitude of the area where it is located (see Setting of the main unit on page 51), it displays the pressure "reduced to sea level" according to weather conventions.

THE NEXT TREND

The double arrow indicates the pressure trend for the next few hours.

GRAPH ZONE

Your METEO EXPLORER is equipped with a large capacity memory and can therefore display the graph of any data over the last 48 hours (of the main unit or of sensor N°1): pressure, temperature, relative humidity.

Select this option using the key
(for more details, see page 48)

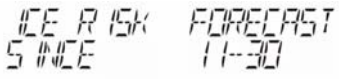
In addition this device is equipped with a zoom - exclusive to Altitude, which makes it possible for you to

display this graph with greater precision over the last 24, 12 or 6 hours.

In all cases, the previous period displayed on the graph is indicated bottom left and the unit currently used is displayed top right.

This graph is extremely precise since the two right-hand side columns, for example, represent ¼ hour each in the 6-hour zoom.

TEXT ZONE



Under normal operation, this text zone alternatively displays the following messages:

- Choice of data displayed on the graph, for example GRAPH SENSO I THERMO : you chose to display the temperature graph of sensor N° 1;
- The device has taken the altitude into account;
- Date and time of forecast currently valid or not;
- Alarm messages : frost risk, strong winds risk, etc;
- Indication of alarm starting with the selected data (HYGR THER or BARO) and the corresponding sensor (BASE or SENS I , or NO ALARM)

The time displayed in the text zone is always in the 24-hour format.

BATTERY REPLACEMENT

When the following signal flickers on the main unit, the batteries need to be replaced :

For the sensor(s), you will be informed about the need for replacement in two different ways:

- The N° of the sensor will flicker on the main unit:

- Or the following symbol will flicker on the sensor:

You will then have to replace the batteries.
Insert the batteries: refer to the description in the Start-up section on page 49.

Don't forget to check the type of batteries to use.

Insert the batteries respecting the polarity, and carefully replace the seal before screwing the cover back on.

To avoid having to start all over again the setting-up procedure of the main unit: prepare the new batteries, remove the battery housing cover and replace the batteries in less than 20 seconds. Your device has a 20-second memory delay provided to preserve all initial data as well as historical data.

Take part in environmental protection and dispose of worn batteries in a dustbin

In all events, after changing the batteries of the main unit or one of the sensors you will have to effect the sensor searching procedure (see page 50 Setting the main unit to sensor searching mode).

Operating Temperature:

Base	0 to +50 °C
Sensor	-20 to +60°C

Storage Temperature:

Base	-10 to +50 °C
Sensor	-20 to +60°C

Pressure Measurements:

Base (only)

Range	300 to 1100hPa
Resolution	0.1hPa
Period of measurement	15 sec
Linearity	+ / - 0.5hPa between 750 and 1100hPa at 20°C
Moving average display	180 sec

Temperature Measurements

Base

Range	0 to + 50 °C
Resolution	0.1°c
Period of measurement	15sec
Linearity	+ / - 1°C
Moving average display	180sec
Number of sensors received	3 (sensor 1, sensor 2, sensor 3)

Sensor

Range	-20 to + 60 °C
Resolution	0.1°C
Measurement period	15sec
Linearity	+ / - 1°C
Moving average display	60sec
Number of sensors received	3 (sensor 1, sensor 2, sensor 3)
Number of possible addresses	3 (sensor 1, 2 or 3 by 3-way switches)
Differentiation of sensors by combination code	

Humidity measurement

Main unit or sensor

Range	0 àto99 %
Resolution	1%
Accuracy	+/- 5%

Clock

Display	hour, minutes on 12 or 24 hours
Accuracy	+/- 30sec per month at constant temperature
Moon phases	until 2029
Date display	month, day date + day of week in 3 languages

Area of dialogue

3 languages	French, English, German
32 character alphanumeric zone	

Setting of altitude

0 to 3995 m

Communication by radio

Frequency	433 Mhz
Transmission range	60 m in open field

Dimensions

Main unit	112 * 230 * 93 mm
Sensor	87 * 115 * 47 mm

Weight (with batteries)

Main unit	355 g
Sensor + cap	120 g

Power supply

Main unit	4 LR03 1.5V batteries
Sensor	3 LR03 1. 5V batteries

GUARANTEE

Your device has a 1-year guarantee upon presentation of the distributor's stamped and dated sales receipt.

This guarantee is valid only if the device has been used strictly in compliance with the conditions of use and the care and maintenance advice, as specified in this user's manual.
The legal guarantee for concealed defects shall apply in accordance with Articles 1641 and following of French Civil code.

This product conforms to the EU directives R and TTE 99/05.

Please attach your proof of purchase here. It will be needed in the event of a complaint.

Updated as of 17 September 2001 - Index 1

NOTES