

## W237-3

<b>GB</b>	<b>WIRELESS COLOR WEATHER STATION</b>
<b>CZ</b>	<b>BEZDRÁTOVÁ METEOSTANICE S BAREVNÝM DISPLEJEM</b>
<b>SK</b>	<b>BEZDRÔTOVÁ METEOSTANICA S FARENÝM DISPLEJOM</b>
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<b>DE</b>	<b>DRAHTLOSE WETTERSTATION MIT FARBDISPLAY</b>
<b>UA</b>	<b>БЕЗДРОТОВИЙ МЕТЕРЕОЛОГІЧНИЙ ПРИСТРІЙ З КОЛЬОРОВИМ ДИСПЛЕЄМ</b>
<b>RO</b>	<b>STAȚIE METEOROLOGICĂ FĂRĂ FIR CU ECRAN COLOR</b>
<b>HR</b>	<b>BEŽIČNA METEOROLOŠKA STANICA SA ZASLONOM U BOJI</b>
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<b>LV</b>	<b>BEZVADU METEOSTACIJA</b>



## GB WIRELESS COLOR WEATHER STATION • W237-3

Thank you for purchasing the new generation color weather station. Designed and engineered with the state-of-art technology and components, this instrument will provide accurate and reliable measurement of weather forecast, indoor/outdoor temperature, humidity, heat index & dew point as well as radio-controlled clock. Read this manual carefully to fully explore the features and functions of the new product.

### Specifications

Radio controlled clock	
Indoor Temperature:	0°C to +50°C
Remote sensor:	-20°C to +60°C
Temperature resolution:	0.1°C
Humidity:	20% - 99% RH
Humidity resolution:	1%
Frequency:	433MHz
Channel:	max. 3 remote sensors
Transmission range:	up to 30m (in open area)
Power:	
Main unit:	6.0V adapter (included), 3x 1.5V AA batteries
Remote sensor:	2x 1.5V AAA
Dimensions and weight:	
Main unit:	135 x 135 x 60mm; 284g (without batteries)
Remote sensor:	65 x 90 x 33mm; 70g (without batteries)

### Name and Functions of Buttons

Top Keys	Press Functions
SNOOZE/LIGHT	Trigger snooze alarm & extend backlight
NEXT (->)	Change display mode from left to right TIME -> INDOOR -> OUTDOOR -> AUTO
Back Keys	Press Functions
MODE	
TIME mode:	Toggle between time, alarm time, calendar, year & weekday
INDOOR mode:	Toggle between indoor temp/humidity, heat index & dew point
OUTDOOR mode:	Toggle between outdoor temp/humidity, heat index & dew point
AUTO mode:	Disable or enable auto-scrolling display mode

	Press Functions	Hold 3 seconds
CLOCK		Set Clock, Calendar & Weather
ALARM	Enable/disable alarm	Alarm time setting
MEM	Read max/min temperatures & humidity	Clear memory record
-/ZONE	Toggle Radio-Controlled & Zone time	Zone time setting
	1 step backward in setting	Fast backward
+/RCC	Search for Radio-Controlled time	
	1 step forward in setting	Fast advance
C/F/SEARCH	Toggle degree C & F unit	Search for remote sensors
LIGHT ON/OFF	Turn on/off continuous backlight when adapter is connected	

### Battery and adapter installation

#### Home Receiver Unit

**Main Power Source:** Plug in the 6.0V adapter into the adapter socket for basic operation and continuous backlight.

**Backup Power:** Open the battery door, install 3 pieces of AA backup batteries according to the polarity indicated. Close the battery cover.

#### Remote Sensor

Loosen the screws on the battery door with a small screwdriver, insert 2 pieces of AAA batteries according to the polarity indicated. Replace the cover and tighten the screws.

### Initial setting

After powering on the main unit, the weather icons will flash. Press [+] or [-] to select local weather condition as initial setting. Press CLOCK to confirm and exit. (Refer "WEATHER FORECAST" section for details).






### Setting up the wireless thermo-hygrometer

- For the first installation, always turn on the home unit and then the remote sensor. Set Channel 1 for the first remote sensor. Set channel 2 and channel 3 for the 2<sup>nd</sup> and 3<sup>rd</sup> sensor.

- Press and hold SEARCH button for 3 seconds to search for remote unit. The outdoor reading ("—" or temperature digits) in the OUTDOOR display mode will flash indicating it is in the searching mode
- Press the [Tx] button on the back of remote sensor to transmit RF signal.
- When RF connection is established, the respective temperature & humidity of the selected channel will appear on the OUTDOOR display mode.

### Weather forecast

The unit predicts weather condition of the next 12 - 24 hours based on the change of atmospheric pressure. The coverage area is around 30 - 50 km. The weather forecast is based on atmospheric pressure change and is about 70-75% correct. As weather conditions cannot be 100% correctly forecasted, we cannot be responsible for any loss caused by an incorrect forecast.

				
SUNNY	PARTLY CLOUDY	CLOUDY	RAINY	STORMY*

\* (Whole graphic is flashing)


To obtain an accurate weather forecast, you need to input your current weather condition as initial setting. After powering on the main unit, press [+] or [-] to select the local weather condition as initial weather forecast setting. Press CLOCK to confirm and exit.


You may also set the weather forecast by holding CLOCK button to enter the setting mode. Press CLOCK repeatedly to skip the clock & calendar setting until the weather icon flashes. Press [+] or [-] to select local weather condition. Press CLOCK to confirm and exit.

12/24hr format > Hr > Min > Yr > D/M or M/D format > Month > Date > Weather Forecast > EXIT

**NOTE:** Different geographical location such as inland area or coastal region has different weather forecasting response. In case your weather forecast does not reflect the actual weather condition over a long period of time, it is necessary to follow above setting procedure for fine tuning the weather forecast's accuracy

### Radio-controlled clock

The unit will start synchronizing the clock few minutes after battery/adapter installation or reset. In normal mode, press [+]/RCC until  icon appears to enforce searching of radio-controlled clock signal. If this icon disappears afterwards, radio time signal is not available at the moment. Try other locations later. Place the unit away from metal surface & sources of interference such as mobile phones, appliances, TV etc.

Antenna icon with full signal strength  will appear on screen if the reception of radio-controlled time is successful. The radio-controlled clock will have a daily synchronization at around 02:03 and 03:03 everyday. Each reception cycle is minimum 2.5 minutes and maximum 10 minutes.

**Note:** During radio-controlled reception period, the auto-scrolling display function will be disabled temporarily and resume to normal when the reception is completed.

### INDOOR / OUTDOOR temperature & humidity

Press NEXT > to select indoor or outdoor display mode and the corresponding INDOOR or OUTDOOR icon will appear above the temperature readings. The humidity reading is highlighted in blue on the right of the display. If more than one channel (remote sensor) are registered, press Next > repeatedly to select the different channels in the OUTDOOR display mode. Press C/F button to select temperature unit degree C / F.

### INDOOR / OUTDOOR heat index & dew point

Heat Index combines the effects of heat and humidity. It is the apparent temperature of how hot the heat-humidity combination makes it feels. Dew point is the saturation point of the air, or the temperature to which the air has to be cooled in order to get condensation. In the INDOOR or OUTDOOR display mode, press MODE key to toggle between

the temperature/humidity, heat index & dew point of the corresponding indoor or outdoor readings.

### Maximum / minimum memory

Press MEM button repeatedly to view the maximum, minimum & current values of temperature, humidity, heat index or dew point readings. To clear the memory record, hold MEM button while the respective values are displaying on screen.

### Auto-scrolling display

Press [Next >] repeatedly until the "AUTO", "ON / OFF" icons appear. Press [MODE] to select Auto On or Off.

"AUTO OFF" Auto-scrolling display mode is disabled  
"AUTO ON" Auto-scrolling display mode is enabled. Display will change between TIME, INDOOR & OUTDOOR mode automatically and the "AUTO" icon will stay on the right of the display.

### Clock & calendar

1. Press NEXT > to select TIME display mode and the "TIME" icon will appear above the clock.
2. Press MODE to toggle between clock, alarm time, calendar, year and day of the week.
3. Hold [CLOCK] button to enter clock setting mode. Using [+] or [-] to adjust and [CLOCK] to confirm, the following values can be set in sequence: 12/24hr format > Hr > Min > Yr > D/M or M/D format > Month > Date > Weather Forecast > EXIT

### Home time, world (zone) time

Hold ZONE to enter world (zone) time setting mode. Press [+] or [-] to enter the desired hour offset value from -12 to +12 hours. Press CLOCK to confirm and exit.

Press ZONE button to toggle between home (radio-controlled) time and world (zone) time. ZONE icon appears when world (zone) time is selected. When zone time is not used, keep zone time to "0".

### Alarm

1. In TIME display mode, press MODE repeatedly until the "ALARM" icon appears to show the alarm time.
2. To enable or disable the daily alarm, press ALARM repeatedly. Bell icon 📢 appears when alarm is enabled.
3. Hold [ALARM] to enter alarm time setting mode. Press [+] or [-] to enter the desired Hr/Min values and press ALARM to confirm setting.

### SNOOZE & BACKLIGHT

When alarm is going off, press SNOOZE/LIGHT button on the top of the unit to trigger snooze alarm and the bell icon 📢 will flash indicating it is in the snooze mode. Press any other key to stop alarm for one day.

Press SNOOZE/LIGHT for an extended backlight.

Press LIGHT ON/OFF to turn on or off the continuous backlight when adapter is connected.

### Low battery indication

Low battery indication is available for the home unit itself and all of the 3 remote channels. Replace the batteries and follow the setup procedure in this instruction manual.

### Battery disposal

Replace only with the same or equivalent type recommended by the manufacturer.

Please dispose old, defective batteries in an environmentally friendly manner in accordance with the relevant legislation.

### Care and maintenance

The product is designed to serve you for years when you will handle it in the correct way. Here are some tips for correct handling:

- Do not expose the product to direct sunshine, extremely cold, damp conditions or sudden temperature changes (it may reduce the accuracy of measuring).
- Do not place the product on places which may be subject of vibration or shaking. It may damage the product.
- Do not expose the product to excessive pressure, shock, dust, high temperature or dampness – they may damage the product, its batteries or its plastic parts.
- Do not correct or modify the internal circuit, it may be damaged. As a result of that warranty would be terminated. The product should be repaired by a qualified person only.
- To clean the product use only damped soft cloth. Do not use any solvent; it may damage the plastic parts.
- Do not attempt to service any parts of this product. Refer all servicing to the store where the product had been bought.
- Keep out of reach of children. This product is not a toy.
- Remove flat batteries. Leakage could damage the product. Use only new batteries of the correct type. Make sure you put them according to right polarity.
- Do not dispose of accumulator in fire, do not disassemble or short circuit.

Disclaimer: The main unit and the RF remote sensor contain no user-serviceable parts. The information in this document has been viewed and is believed to be accurate. However, neither the manufacturer nor its affiliates assume any responsibility for inaccuracies, errors or omissions that may be contained herein. In no event will the manufacturer or its affiliates be liable for direct, indirect, special, incidental or consequential damages arisen by using this product or resulting from any defect/omission in this document, even if advised of the possibility of such damages. The manufacturer and its affiliates reserve the right to make improvements or changes to this document and the products and services described at any time, without notice or obligation.

Hereby, Emos spol. s r. o., declares that this W237-3 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. Declaration of conformity is enclosed in manual or web sites [www.emos.eu](http://www.emos.eu).



## BEZDRÁTOVÁ METEOSTANICE S BAREVNÝM DISPLEJEM • W237-3

Meteostanice zobrazuje hodiny, kalendář, budík s funkcí opakovaného buzení, předpověď počasí a přesné údaje o vnitřní a venkovní teplotě, vlhkosti, teplotním indexu a rosném bodu. Má paměť min. a max. hodnot.

Než začnete s výrobkem pracovat, pozorně si přečtěte tento návod.

### Specifikace

hodiny řízené rádiovým signálem  
vnitřní/venkovní teplota: 0 °C až +50 °C; -20 °C až +60 °C  
rozdílení teploty: 0,1 °C  
vlhkost: 20 % - 99 % RV  
rozdílení vlhkosti: 1 %  
bezdrátové čidlo: přenosová frekvence 433 MHz  
dosah rádiového signálu: až 30 m ve volném prostoru  
maximální počet čidel: 3  
napájení: hlavní stanice 6.0V síťový adaptér (součástí balení), 3 x 1,5V baterie typ AA  
čidlo 2 x 1,5V AAA  
rozměry a hmotnost: hlavní stanice 135 x 135 x 60 mm; 284 g (bez baterií)  
čidlo 65 x 90 x 33 mm; 70 g (bez baterií)

### Funkce jednotlivých tlačítek

#### Tlačítka na horní straně stanice

SNOOZE/LIGHT Dočasně vypíná vyzvánění budíku a zapíná podsvícení displeje na 15 vteřin.  
NEXT (>) Přepíná na displeji režimy: TIME (čas) -> INDOOR (vnitřní teplota/vlhkost) -> OUTDOOR (venkovní teplota/vlhkost) -> AUTO (automatické přepínání)

#### Tlačítka na zadní straně stanice

MODE:

režim TIME přepíná čas > čas buzení > datum > rok > den v týdnu  
režim INDOOR vnitřní teplota/vlhkost > vnitřní teplotní index > vnitřní rosný bod  
režim OUTDOOR venkovní teplota/vlhkost > venkovní teplotní index > venkovní rosný bod  
režim AUTO zapíná/vypíná automatické cyklické zobrazování údajů  
LIGHT ON/OFF zapíná/vypíná stálé podsvícení displeje (je-li připojen síťový adaptér)

# Obsah je uzamčen

**Dokončete, prosím, proces objednávky.  
Následně budete mít přístup k celému dokumentu.**



**Proč je dokument uzamčen? Nahněvat Vás rozhodně nechceme. Jsou k tomu dva hlavní důvody:**

- 1) Vytvořit a udržovat obsáhlou databázi návodů stojí nejen spoustu úsilí a času, ale i finanční prostředky. Dělali byste to Vy zadarmo? Ne\*. Zakoupením této služby obdržíte úplný návod a podpoříte provoz a rozvoj našich stránek. Třeba se Vám to bude ještě někdy hodit.

*\*) Možná zpočátku ano. Ale vězte, že dotovat to dlouhodobě nelze. A rozhodně na tom nezbohatneme.*

- 2) Pak jsou tady „roboti“, kteří se přiživují na naší práci a „vysávají“ výsledky našeho úsilí pro svůj prospěch. Tímto krokem se jim to snažíme překazit.

A pokud nemáte zájem, respektujeme to. Urgujte svého prodejce. A když neuspějete, rádi Vás uvidíme!