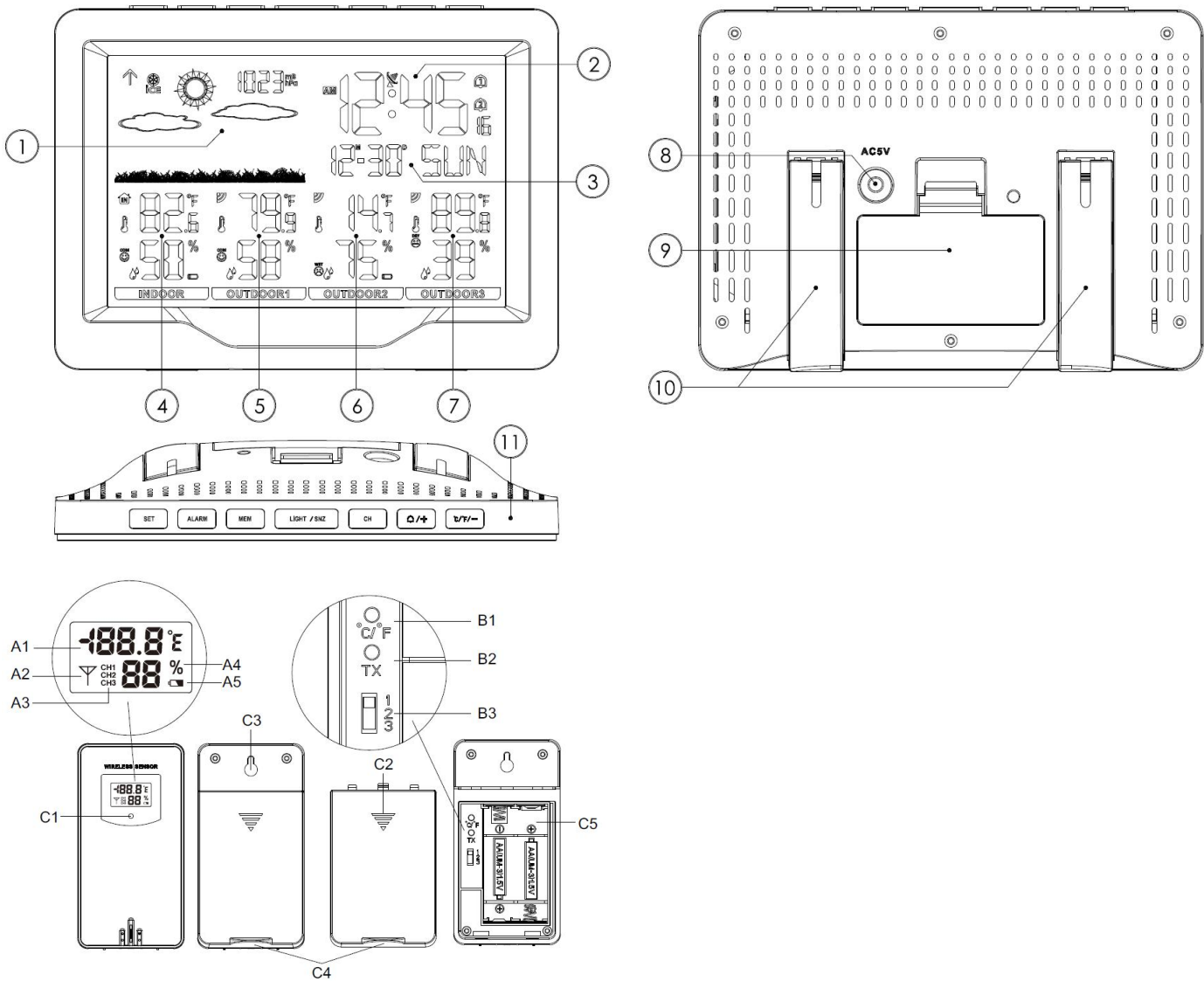


Features:

- } WWVB Radio controlled clock function
- } Radio control function can be switched on or off
- } Time in optional 12/24 hour format
- } Perpetual Calendar Up to Year 2099
- } Daily Alarm Function
- } Snooze function
- } Low battery indicate
- } Indoor comfort indicator
- } Humidity: Indoor & Outdoor measurable range: 20%RH ~ 95%RH
- } Temperature:
 - Indoor temperature measurement ranges: -9.9°C (14.2°F) ~ 50°C (122°F)
 - Outdoor temperature measurement ranges: -40°C (-40°F) ~ 70°C (158°F)
 - Temperature alternatively in °C or °F
- } 3 remote sensors temperature、humidity and comfort on the same screen display
- } Ice alert
- } Maximum /minimum value record of temperature and humidity
- } Wireless Outdoor Sensor:
 - Wall Mount or Table Stand
 - 3 Channel selectable
 - 433.92MHz RF transmitting frequency
 - 60 meter transmission range in an open area
- } Weather forecasting and air pressure detect
- } Power Supply:
 - Weather Station:
 - Battery: 2 x LR06 AA
 - Adapter: AC5V150mA
 - Remote Sensor:
 - Battery:2 x LR06 AA

Appearance description:



RX

- ①: Weather forecast pattern and air pressure
- ②: Time
- ③: Date and day of week
- ④: Indoor temperature / humidity / comfort
- ⑤: Remote sensor 1 data
- ⑥: Remote sensor 2 data
- ⑦: Remote sensor 3 data
- ⑧: Adapter input socket
- ⑨: Battery compartment cover
- ⑩: Stand cover
- ⑪: Operation button area

TX

- A1: Remote sensor temperature
- A2: Emission symbols
- A3: Channel number
- A4: Remote sensor humidity
- A5: Remote sensor low battery indicate
- B1: °C /°F unit transfer button
- B2: Manual transmitter button
- B3: Channel switch
- C1: Transmit indicating lamp
- C2: Battery compartment cover
- C3: Wall mounting hole
- C4: Stand cover
- C5: Battery compartment

Initial operation:

- } Open the Weather Station battery compartment cover
- } Insert 2 x AA batteries observing polarity ["+" and "-" marks]
- } When you insert the batteries, all icons on the LCD will light up for 3 seconds, and you will hear a beep tone, then detect indoor temperature & humidity.
- } Insert the output terminal of the adapter into the DC power socket ⑧ on the back of the product, then insert the adapter into the AC socket, the backlight of the product will always be lit.
- } The Weather Station will now start to make a connection to the outdoor remote sensor. This process lasts for a maximum of 3 minutes and will be displayed by a flashing reception antenna symbol  in the "OUTDOOR" display area on the receiver.
- } This now, Open the remote Sensor battery compartment cover, push the channel switch to the "1" position, Insert 2 x AA batteries observing polarity ["+" and "-" marks], close the battery cover.
- } According to the same method, push the channel switch to the "2" or "3" position, establish another 2 remote sensor connections.
- } After receiver has created 3 remote sensor connections, it will enter the Radio control receive mode.

Reception of the Radio signal:

- } The clock will automatically search the **WWVB** signal after 3 minutes of any restart or changing of new fresh batteries. The radio mast icon starts to flash.
- } At 1:00 / 2:00 / 3:00 AM, the clock automatically carries out the synchronization procedure with the **WWVB** signal to correct any deviations to the exact time. If this synchronization attempt is unsuccessful (the radio mast icon disappears from the display), the system will automatically attempt another synchronization at the next full one hour. This procedure is repeated automatically up to total 5 times.
- } To start manual **WWVB** signal reception, press and hold the "-" button for 3 seconds. If no signals received within 7 minutes, then the **WWVB** signal search stops (the radio mast icon disappears) and start again at the next full one hour.
- } During RC reception, to stop searching radio signal, press the "-" button once.

F.Y.I.:

- } A flashing radio mast icon indicates that the **WWVB** signal reception has started
- } A continuously displayed radio mast icon indicates that the **WWVB** signal was received successfully
- } We recommend the product be placed at a minimum distance of 2.5 meters (8.2Feet) to all sources of interference, such as televisions or computer monitors or switching power adapter.
- } When receiving the **WWVB** radio wave, it will automatically turn off the backlight.
- } Radio reception is weaker in rooms with concrete walls (e.g.: in cellars) and in offices. In such extreme circumstances, place the system close to the window.
- } During the RC receive mode, only the "**Light/SNZ**" and "-" buttons have a function, other buttons are not functional, If you want to carry out other functions of operation, please press "-" button to exit the RC receiving mode.

Manual time setting:

- } Press and hold the “**SET**” button for 2 seconds, the “ ON/OFF ” starts to flash. Now use “+” and “-” buttons to set the radio control function ON or OFF.
- } Press “**SET**” button to confirm your setting, the 12/24HR start to flash. Now use “+” and “-” buttons to set the 12/24 hour mode you need.
- } Press “**SET**” to confirm your setting, the Time zones start to flash, Now use “+” and “-” buttons set a correct time zone (P / M / C / E).
- } Press “**SET**” to confirm your setting, the “DST ON/OFF” start to flash, Now use “+” and “-” buttons set the DST ON or OFF.
- } Press “**SET**” to confirm your setting, the Hour starts to flash. Now use “+” and “-” buttons to set the correct hour.
- } Press “**SET**” to confirm your setting, the Minute starts to flash. Now use “+” and “-” buttons to set the correct minute.
- } Press “**SET**” to confirm your setting, the Month and Date icon starts to flash. Now use “+” and “-” buttons to select date display on Month/Date or Date/Month.
- } Press “**SET**” to confirm your setting, the “year” is display and starts to flash. Now use “+” and “-” buttons to set the correct year.
- } Press “**SET**” button to confirm your setting, the “month” starts to flash. Now use “+” and “-” buttons to set the correct month.
- } Press “**SET**” button to confirm your setting, the “date” starts to flash. Now use “+” and “-” buttons to set the correct date.
- } Press “**SET**” button to confirm your setting, the weather forecast pattern starts to flash. Now use “+” and “-” buttons to select the current weather pattern.
- } Press “**SET**” button to confirm your setting, the air pressure unit will display and starts to flash. Now use “+” and “-” buttons to choose the air pressure unit you need.
- } Press “**SET**” button to confirm your setting, the air pressure value will display and starts to flash. Now use “+” and “-” buttons set to local standard pressure value.
- } Press “**SET**” button to confirm your setting and to end the setting procedures, then it will return to the normal mode.

F.Y.I.:

- } If there is no valid operation within 20 seconds, it will automatically return to normal time mode from the set mode.

Setting the daily alarms:

- } Press once  /+ button, LCD will display , press again to display , press again to display , each to represent Alarm1ON (Alarm2 OFF), Alarm2 ON (Alarm1 OFF), Alarm1&Alarm2 ON. Press  /+ button again to Alarm1 and Alarm2 all OFF (no “” and “” display).
- } Press once “**ALARM**” button, LCD display alarm1 time, press “**ALARM**” button again, LCD display alarm2 time, press “**ALARM**” button again, return to time display.
- } Press and hold **ALARM** button for 3 seconds, until the hour of the Alarm1 time starts to flash. Use the “+”

and “-” buttons to set the required hour.

} Press **ALARM** button to confirm your setting, the Minute of the Alarm1 time starts to flash. Use the “+” and “-” buttons to set the required minute.

} Press **ALARM** button to confirm your setting, the hour of the Alarm2 time starts to flash. Use the “+” and “-” buttons to set the required hour.

} Press **ALARM** button to confirm your setting, the minute of the Alarm2 time starts to flash. Use the “+” and “-” buttons to set the required hour.

} Press **ALARM** button to confirm your setting and to end the setting procedure.

F.Y.I.:

} If there is no valid operation within 20 seconds, it will automatically return to normal time mode from the alarm time set mode.

} The alarm will sound for 2 minutes if you do not deactivate it by pressing any button. In this case the alarm will be repeated automatically after 24 hours.

} Rising alarm sound (crescendo) changes the volume 4 times whilst the alarm signal is heard.

Switching off the alarm signal

} When the alarm is ringing, press any button except the “**Light/SNZ**” button to stop the alarm signal. It is not necessary to reactivate the alarm. It will ring again this time next day.

Snooze function

} When the alarm is ringing, press the “**Light/SNZ**” button the alarm mode will to get to snooze mode. The alarm signal sounds again after 8 minutes.

RF Transmission Procedure

} The weather station automatically starts receiving transmission from outdoor remote sensor for outdoor temperature & humidity after batteries inserted.

} The remote sensor will automatically transmit temperature and humidity data to the Weather Station after batteries inserted.

} If the Weather Station failed to receive transmission from outdoor remote sensor (“- -”display on the LCD), Press the **CH** button to select the channel, the number of selected channels will flash, then press and hold the **CH** button for 3 seconds, RF icon  will be flashing, the weather station will rescan the launch signal of the channel.

Query Maximum/minimum numerical value

} When the temperature / humidity are shown in the LCD, The weather station began to record temperature/humidity maximum and minimum numerical value.

} Press once “**MEM**” button, the LCD will display maximum value of temperature/ humidity, The LCD will display the minimum value of temperature/humidity if press once “**MEM**” button again when the maximum value is displayed.

} at the same time, there are “MAX” or “MIN” displayed on the LCD.

EM3383D_WWVB User Manuals

- } The temperature/humidity maximum/minimum value will RE records after press and hold “MEM” button 3 seconds.
- } The memory value of the day will be automatically cleared at AM12:00 every night.

F.Y.I.:

- } If the temperature reading is below ranges, the **LL.L** will be displayed. If the temperature reading is above ranges, the **HH.H** will be displayed.

°C /°F unit transfer

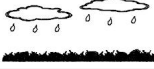
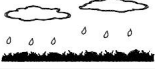
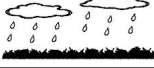
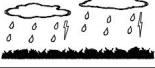
- } Press the **°C/°F/—** button to select °C or °F units.

Ice alert

- } The ice alert symbol  appears and flashing when the outdoor temperature at −1℃ to + 3℃ or +30.2°F to + 37.4°F.

Weather forecasting function

- } Please take the weather forecast from your local weather forecasting service into account as well as the forecast from your weather station. If there are discrepancies between the information from your device and from the local weather forecasting service, please take the advice of the latter as authoritative.
- } The weather forecast is calculated from evaluation of fluctuations in the barometric pressure and may deviate from the actual weather conditions.
- } The weather station displays the following weather symbols:

Sunny		----	----
Slightly cloudy		----	----
Cloudy		----	----
Rainy			----
Heavy rainy			
Snowy			

- } The weather symbols indicate the weather fluctuation over the next 8 hours and not the current weather.

Comfort level

-  The temperature and humidity is dry (When the humidity is below 40%)
-  The temperature and humidity is comfort (When the temperature in 20~28℃ and the humidity in 40~70%)
-  The temperature and humidity is wet (When the humidity is above 70%)

F.Y.I.:

When the humidity in 40~70% and the temperature is not in 20~28℃, The comfort level icon will no display.

Barometric pressure trend display

↑ The barometric pressure is rising.

↓ The barometric pressure is falling.

If there is no arrow trend, it means the barometric pressure is steadying.

Background lighting

} In battery powered mode, press the “**Light/SNZ**” button, the backlight illuminates for 15 seconds.

} In adapter powered mode, the backlight will be on all the time, press the “**SET**” button to adjust the brightness of the backlight.

FCC Warning

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications 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.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.