

# User Manual

## ACCUR8 YD8266WUK

### Weather Forecast Station

## 1. Introduction

Thank you for purchasing this ACCUR8 product. This user manual is to be considered a component of the device. Read carefully before using the device. Keep in a safe place for future reference. When the device is sold or given to someone else, the user manual must be provided to the new owner/user of the product.

As part of our ongoing policy to improve the design and specification of our products, we reserve the right to change any detail given without prior notice. Tempcon Instrumentation Ltd shall not be responsible for any liability of any nature which may result from the use of any information provided in technical literature.

Errors and technical changes excepted.

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## 2. General Safety Instructions

### **Risk of electric shock**

Only use the device as described in the manual; otherwise, you run the risk of an electric shock.

- Children must only use the device under adult supervision.
- Disconnect the device from the power supply before starting any maintenance or cleaning of the device.
- Position your device so that it can be disconnected from the power supply at any time. The power socket should be installed near the device and should be easily accessible as the mains cable plug is used to disconnect the device from the power supply.
- Before starting up the device, check the device, the cables, and the connections for signs of damage.
- To disconnect the device from the power supply, always pull on the plug. Never pull on the cable.
- Never use a damaged device or a device with damaged live parts. Damaged parts must be replaced by an authorised service company.
- Only use the display console in completely dry environment and do not touch it with wet or moist parts of your body.

### **Risk of suffocation/choking**

Improper use of this product can result in suffocation, especially for children. The following safety information must be observed at all times.

- Keep packaging materials (plastic bags, rubber bands etc.) away from children. They can cause suffocation.
- This product contains small parts that could be swallowed by children. There is a risk of choking.

### **Risk of fire/explosion**

Improper use of this product can cause an explosion. The following safety information must be observed at all times to prevent an explosion.

- Do not expose the device to high temperatures. Use only the supplied power supply or the recommended batteries. Do not short-circuit the device or batteries or throw them into a fire. Excessive heat or improper handling could trigger a short circuit, a fire, or an explosion.

### **Risk of damage to property**

Improper handling can result in damage to the device and/or to the accessories. Always observe the following safety information when using the device:

- Never disassemble the device. In the event of a fault, please contact your retailer.

- Do not expose this device to high temperatures and protect it from water and high humidity.
- Do not immerse the unit in water.
- Protect the device from severe shocks or excessive vibrations.
- For this device, only use accessories and spare parts that comply with the technical information.
- Use only the recommended batteries. Always replace weak or empty batteries with a new, complete set of batteries at full capacity. Do not use batteries from different brands or with different capacities. Remove the batteries from the unit if it has not been used for a long time.
- Rechargeable batteries are not recommended.

### **Risk of voltage damage**

The manufacturer is not liable for voltage damage due to improperly inserted batteries or through the use of an improper power adaptor.

## **3. Functions**

1. Six Buttons: SET, UP, DOWN, CH, MAX/MIN, SNZ/Light
2. Weekday display in English
3. Radio-controlled time from the DCF time transmitter in Germany (for many UK locations; the time needs to be set manually)
4. Alarm function
5. Alarm snooze for five minutes
6. Date display
7. Indoor temperature and humidity display
8. Three channels for display of readings from outdoor temperature and humidity sensors
9. Low battery indicator for outdoor sensor
10. Weather forecast indicated by six icons
11. Temperature and humidity trend indicator
12. Colour display

### **Indoor Temperature**

- Temperature range 0°C to 50°C
- Precision  $\pm 1^\circ\text{C}$  (0°C to 50°C)
- Resolution 0.1°C

If the temperature is below 0°C, the display shows 'Lo', if higher than 50°C, it shows 'Hi'.

### **Indoor and Outdoor Humidity**

- Humidity 20% to 99%
- Precision  $\pm 5\%$  RH (30%RH to 85%RH)
- Precision  $\pm 10\%$  RH (20%RH to 30%RH and 85%RH to 99%RH)
- Resolution 1%RH

If the humidity is below 20%, the display shows 'Lo', if higher than 99%, it shows 'Hi'.

### **Outdoor Temperature**

- Temperature range -40°C to 70°C
- Precision  $\pm 1^\circ\text{C}$  (0°C to 50°C),  $\pm 2^\circ\text{C}$  (-40°C to 0°C and 50°C to 70°C)
- Resolution 0.1°C

If the temperature is below -40°C, the display shows 'Lo', if higher than 70°C, it shows 'Hi'.

## 4. Buttons and Display

There are six buttons : SET, UP, DOWN, CH, MAX/MIN, SNZ/light

### 1. SET button

In the Time mode, press and hold for three seconds to enter Setup mode

Press once to display ALARM, then press and hold for three seconds to enter the Alarm Setting mode.

### 2. UP button

Single press UP button to select °C/°F

In Setting mode, press eight steps/sec to increase.

### 3. DOWN button

In Setting mode, press eight steps/sec to decrease

### 4. CH button

In Normal mode, press and hold for three seconds to re-register, all channels are re-registered.

### 5. MAX/MIN button

Single-click to view the maximum and minimum temperature and humidity

In maximum and minimum modes, press and hold for three seconds to clear the maximum and minimum values.

### 6. SNZ/Light button

In Battery mode, single-press the "SNZ / Light" button to activate backlight for 10 seconds

In Adaptor mode: plugging in the adaptor automatically switches on the backlight, then "SNZ / LIGHT" button, then turn the backlight brightness HI-LO-OFF.

## 5. Operating

### Radio-controlled Time Setting

Note: It can help to place the display console near an open window when carrying out the steps below.

The display console can receive the radio-controlled time signal from the DCF77 time transmitter in Germany. For many UK locations, the time needs to be set manually, however you can check whether you are able to receive the radio-controlled time signal:

In Setting mode, press and hold the DOWN button to start receiving the DCF radio-controlled time signal.

When successfully receiving the DCF RCC signal, set the time zone for the UK:

1. Press and hold the MODE button for approximately three seconds to enter the Time Setting mode. Digits to be set will flash.
2. Press the DOWN button once to set the time zone to "-1".
3. Exit the setting mode and the correct UK time will be shown.

### Manual Time Setting

1. In the Normal mode, press "SET" for three seconds to enter the Time Setting mode.
2. Setting order: time zone, hour, minute, year, month, day, 12 / 24hr, exit
3. Press "SET" to confirm the setting result and move to the next setting item

4. Press "Up" to set the item one step further on; press and hold for longer than two seconds will advance at eight steps per second
5. Press "Down", to set the item back one step; hold for more than two seconds, will be eight steps per second speed backwards

No settings within 20 seconds will save the settings and exit.

### Alarm Setting

1. In the standard mode, press the "SET" button to view the alarm time, press the "UP" or "DOWN" switch Alarm
2. In Alarm mode, press "SET" key for three seconds to enter Alarm setting state
3. Set the order: set hours > set minutes > exit settings
4. In the setting, press "UP" and "DOWN" to adjust the setting item, press "SET" to confirm

Alarm time is two minutes

When the alarm is on, press "SNZ / LIGHT" will delay the alarm for five minutes, press the other key to exit the alarm.

### Day of Week Display

SU MO TU WE TH FR SA

### Receiving the Remote Sensor (RF) Signal

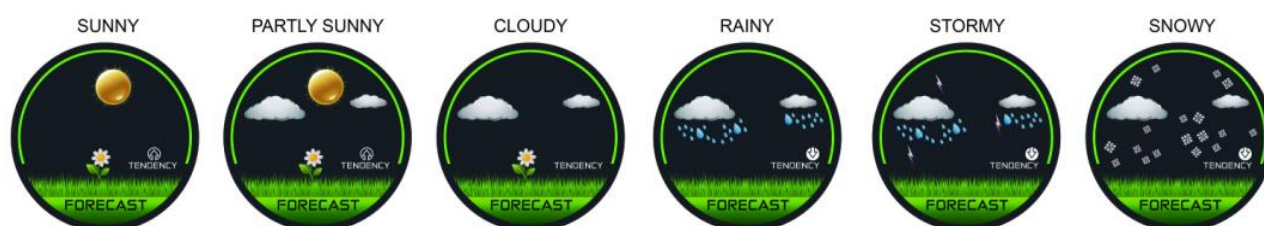
1. When powered on, the display automatically seeks to receive the RF signal for three minutes, and the antenna icon will flash.
2. Once the signal is received, the display will receive the outdoor temperature and humidity at the same time.
3. In standard mode, press CH once to change RF channels and CH on flashing at 1HZ. Order is CH1—CH2—CH3. Long press CH to re-register RF data.
4. In the case of RF registration failure or missing code time for more than one hour, the temperature and humidity section will flash "--.-".

### Temperature Trend Indication

1. When the temperature rises by 1°C / 2°F, the arrow points up
2. When the temperature drops by 1°C / 2°F, the arrow points down
3. If no change, there will be no arrow
4. The temperature comparison is the current data with the data for the previous three hours. Data is recorded every 30 minutes.

### Weather Forecast

Your home's weather forecast is indicated by six icons.



## 6. Service

Please contact us for any questions regarding the product or claims, preferably by email.

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## 7. EC Declaration of Conformity

Tempcon Instrumentation Ltd has issued a declaration of conformity in accordance with applicable guidelines and corresponding standards. The full text of the EC declaration of conformity is available on request from the address above.

## 8. UKCA Declaration of Conformity

Tempcon Instrumentation Ltd has issued a declaration of conformity in accordance with applicable guidelines and corresponding standards. The full text of the UKCA declaration of conformity is available on request from the address above.

## 9. Disposal

Dispose of the packaging materials properly, according to their type, such as paper or cardboard. Contact your local waste-disposal service or environmental authority for information on the proper disposal.

Do not dispose of electronic devices in the household rubbish! Used electronic devices must be collected separately and recycled in an environmentally friendly manner.

Do not dispose of batteries and rechargeable batteries with the household waste. After they are used, the batteries can be returned to our point of sale or to a nearby location (for example, retailers or municipal collecting points).

Batteries and rechargeable batteries are marked with a symbol of a crossed-out dustbin and the chemical symbol of the pollutant. "Cd" stands for Cadmium, "Hg" stands for mercury and "Pb" stands for lead.

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