

# WS 300 RADIO WEATHER STATION



## Willy presents you with the weather

The weather forecast was made yesterday – now here comes Willy. Elegant design, innovative sensor technology, and the weather forecast presented by Willy the weatherman - these are just a few of the features of the new radio weather station from ELV.

It displays not only the weather data but also calculates the weather forecast for your immediate area and registers wind speeds as well as rainfall. It also provides you with other interesting information, such as the current phase of the moon, sunrise and sunset times, weather trends, room climate and more.

To find out quickly what the weather is going to be like, all you have to do is take a look at what clothes Willy is wearing. Whether swimsuit or scarf and umbrella, Willy has over 40 variations for dressing appropriately for the weather just outside your door. As soon as it begins to rain and the sensor detects it, Willy informs you by appearing with an opened umbrella – you don't even have to look outside to know.

The new combi-sensor with mounting mast can be set up anywhere up to a distance of 100 m from the base station without having to lay any cables or drill holes. The ASH 2200-1 sensors for measuring the temperature and relative humidity can be installed in up to 8 additional locations and transmit data via radio to the weather station using low disturbance 868 MHz technology, no cables being necessary.

## UNIQUE CONCEPT – FANTASTIC PRICE

# WS 300

Order no.: 17-571-95  
including KS 300 radio sensor  
and batteries

## WEATHER WILLY



### KS 300 Combi-sensor with Q4-1-technology

Profi-sensor implementing protected temperature-relative humidity sensor, ball bearing cup anemometer and rainfall measuring system with immediate signal of first raindrops. Installation on 2 m mast with pointed end for putting in the ground. Battery change without tools.

### ASH 2200-1 Outdoor temperature/ humidity sensor 868 MHz

Order no.: 17-563-20



### Weather forecast

The weather forecast is indicated by the "clothing status" of Weather Willy and by the weather icons (sun, clouds, rain) at the top of the display.



Indoor temperature and indoor humidity



Outdoor temperature and outdoor humidity



Air pressure history, air pressure trend



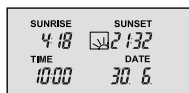
Moon phase display



Wind speed



Rainfall, immediate display on starting to rain



Sunrise, Sunset, Time & date

### FEATURES OF THE WS 300 AT A GLANCE

#### Radio transmission:

868 MHz radio transmission linking all sensors

#### Temperature:

Up to 9 sensors can be connected, two temperature values are shown simultaneously: 1 x indoor and 1 x optional outdoor temperature, resolution 0.1 °C, accuracy ±0.8 °C, display unit: C/F, dew point (indoor/outdoor) or dew point/windchill display (outside), comfort zone indicator for indoor display, temperature range: 0 °C to 59.9 °C, outdoor temperature range (KS 300): -29.9 °C to +79.9 °C

#### Relative humidity:

Up to 9 sensors can be connected, two humidity values are displayed simultaneously, resolution 1 %, accuracy ±5 %, re. humidity measuring range (indoor/outdoor): 0 % to 99 %

#### Air pressure trend:

Display using five arrows (rising, rising steeply, dropping, steeply dropping, no change)

#### Air pressure history:

Display using bar graph, up to 24-hour tracking

#### Rainfall:

Range 0 to 999 mm, display total since last reset, last 24 hrs. or 1 hr., display in mm, l/m<sup>2</sup>, resolution <0.3 mm

#### Wind speed:

Optional display in kph, m/s, mph, resolution 0.1 km/h, windsock symbol for light, average and strong winds, wind speed: 0 to 200 km/h

#### Sunrise and sunset:

Selectable display of individual locations

#### Moon phase:

Display of the current moon phase in six stages

#### Time & date:

Quartz clock

#### Weather forecast:

With weather icons: sunny, fair, cloudy, rainy, and Willy's choice of clothing

#### Extensive memory options:

Min./max. values with time and date  
**Independent of mains power supply:** Base station 4 round cells, sensor 3 round cells, battery life >3 years (station and sensors)

#### Housing dimensions (W x H x D):

160 x 220 x 35 mm (stand excluded)