



User Manual

Wireless Weather Station With Outdoor Sensor

XC-0366



Distributed by:
TechBrands by Electus Distribution Pty. Ltd.
320 Victoria Rd, Rydalmere
NSW 2116 Australia
Ph: 1300 738 555
Int'l: +61 2 8832 3200
Fax: 1300 738 500
www.techbrands.com



Specifications:

Transmitter Frequency:	433MHz
Transmitter Range:	30m
Temperature Range:	-20°C - 70°C
Console Power:	2 x AA Battery (not included)
Sensor Power:	2 x AA Battery (not included)
Console Dimensions:	220(W) x 141(H) x 36(D) mm
Sensor Dimensions:	97(W) x 50(H) x 32(D) mm

Important:

- The weather forecast will only be ready 12 hours after the batteries are inserted.
- The radio communication between the receiver and the transmitter will reach a distance of 30m line of sight. Obstacles in the way, such as buildings, trees and high power voltage lines can interfere with the transmission.
- Radio interferences created by computer screens, radios, or TV sets can in some cases cut off the radio communication entirely. Please take this into consideration when choosing standing or mounting locations.
- Please keep the transmitter indoors if the outdoor temperature reaches below -20°C.

Instructions:

- Open the battery compartment on the weather station and insert 2 x AA batteries, taking care to put them in the correct polarity. Close the battery compartment.
- Open the battery compartment on the transmitter and insert 2 x AA batteries, taking care to put them in the correct polarity. Close the battery compartment.

Note: Ensure to install the batteries into the weather station and transmitter within the same hour to ensure that they synchronize properly.

Setting the connection to the outdoor sensors:

Once the battery is inserted into the transmitter, by default the transmitter supplied with your weather station will be on Channel 1. Set the channel of the transmitter on the back of the sensor.

- Press the 'CHANNEL' on the weather station to select a channel (1 to 3). This gives you the option of polling 3 outdoor sensors with each weather station.
- Press and hold the 'CHANNEL' button for 2 seconds to search for outdoor sensors.

Setting Temperature Readings in Fahrenheit or Celsius:

To toggle between Fahrenheit or Celsius press the "-" button on the rear of the display unit.



Setting the date/time:

While setting the unit, if no buttons are pressed within 8 seconds the display will automatically switch back to normal clock mode.

- Press and hold the 'MODE/SET' button for 2 seconds until the year is flashing on the screen.
- Press 'UP' or 'DOWN' to set the year.
- Press 'MODE/SET' and the month will be flashing on the screen.
- Press 'UP' or 'DOWN' to set the month.
- Press 'MODE/SET' and the date will be flashing.
- Press 'UP' or 'DOWN' to set the date.
- Press 'MODE/SET' to select the weekday. There are 7 languages for the weekday: English, Italian, French, Dutch, Spanish, Danish and German. Press 'UP' or 'DOWN' to set the language.
- Press 'MODE/SET' and 12/24 will be flashing on the screen.
- Press 'UP' or 'DOWN' to select 12 or 24 hour mode.
- Press 'MODE/SET' and the "00" icon will start to flash on the screen to set the time zone.
- Press 'UP' or 'DOWN' to set the time zone, ranging from -12 to +12.
- Press 'MODE/SET' and the hour will be flashing on the display.
- Press 'UP' or 'DOWN' to set the hour.
- Press 'MODE/SET' and the minute will be flashing on the display.
- Press 'UP' or 'DOWN' to set the minute.
- Press 'MODE/SET' to lock in the settings.

Setting the alarm:

While setting the unit, if no buttons are pressed within 8 seconds the display will automatically switch back to normal clock mode.

- Press the 'ALARM' button to select the alarm you want to set.
- Press and hold the 'ALARM' button for 2 seconds until A1 appears and the alarm hour is flashing on the display.
- Press 'UP' or 'DOWN' to set the A1 alarm hour.
- Press 'ALARM' and the alarm minute will be flashing on the display.
- Press 'UP' or 'DOWN' to set the A1 alarm minute.
- Press 'ALARM' and A2 will appear and the alarm hour will be flashing on the display.
- Press 'UP' or 'DOWN' to set the A2 alarm hour.
- Press 'ALARM' and the alarm minute will be flashing on the screen.
- Press 'UP' or 'DOWN' to set the A2 alarm minute.
- Press 'ALARM' to lock in the setting.
- To stop the alarm, press 'MODE/SET' or 'ALARM'
- To snooze the alarm, press 'SNZ/LIGHT'

Note: When activated, the alarms will sound at the pre-set time every day for 2 minutes until de-activated. The alarm is a rising alarm, changing volume 4 times within the 2 minutes. To view the current alarm settings, press 'ALARM' to view the first alarm time (A1 will show next to the time). Press 'ALARM' again to view the second alarm time (A2 will show next to the time). Press 'ALARM' again to revert to the current time or the unit will automatically revert in 8 seconds.



Snooze function:

- When the alarm comes on, press the 'SNZ/LIGHT' to activate the snooze function. When the snooze function is on, the "Zz" symbol will appear on the display.
- The alarm will be snoozed by 5 minutes before coming on again.
- The snooze function can be interrupted by pressing 'MODE/SET' or 'ALARM' to deactivate, or repeated up to 7 times by pressing the 'SNZ/LIGHT' button.

Activating and deactivating the alarm:

To activate or deactivate the alarms, press the 'DOWN' button:

- Press once: Alarm 1 activates
- Press twice: Alarm 2 activates
- Press three times: Both alarms are activated
- Press four times: Both alarms are deactivated

Temperature Trend Display:

After you insert the batteries, the weather station will measure the current temperature. The trend display will show a neutral temperature course (horizontal arrow). The further course of the trend display is determined as follows:

- If after an hour the temperature is more than 1°C higher than the first value measured, then a positive course is displayed (arrow pointing upwards).
- If after an hour the temperature is more than 1°C lower than the first value measured, then a negative course is displayed (arrow pointing downwards).
- If the temperature does not change within the hour, then a neutral value is displayed (horizontal arrow).

Relative Humidity Trend Display:

After you insert the batteries, the weather station will measure the current relative humidity. The trend display will show a neutral relative humidity course (horizontal arrow). The further course of the trend display is determined as follows:

- If after an hour the relative humidity is more than 5% higher than the first value measured, then a positive course is displayed (arrow pointing upwards).
- If after an hour the relative humidity is less than 5% higher than the first value measured, then a negative course is displayed (arrow pointing downwards).
- If the relative humidity does not change within the hour, then a neutral value is displayed (horizontal arrow).

Maximum/Minimum Temperature and Relative Humidity:

- To toggle indoor/outdoor maximum/minimum temperatures and humidity data, press the 'MEMORY' button:
 - Once to show the maximum temperature and humidity levels.
 - Twice to show the minimum temperature and humidity levels.
 - Three times to return to the current temperature and humidity levels.
- To reset the maximum and minimum temperature and humidity, press and hold down the 'MEMORY' button for 2 seconds. This will reset all minimum and maximum data recorded to the current displayed values.



Temperature Alert Setting:

You can program your weather station to sound an alert whenever the outdoor temperature exceeds the upper or lower pre-set limit. The temperature alert can be set for all remote channels. When setting the alert temperatures, the display will change in increments of 1°C. The low temperature alert setting must be at least 1°C below the high temperature alert setting.

- Press and hold the 'ALERT' button for 2 seconds until the outdoor temperature is flashing.
- Press 'CHANNEL' to select the channel on which you would like to set the alert.
- Press + or – to set your desired high temperature alert level.
- Press 'ALERT' to confirm your setting and the icon for low temperature limit will be flashing on the display.
- Press + or – to set your desired low temperature alert.

Press 'ALERT' to confirm the setting.

Note: When the temperature reaches the high or low limit, there will be an audible signal and the outdoor temperature will be flashing on the screen. As long as the temperature exceeds the pre-set limit, the display will continue to flash and the alert will sound every 60 seconds.

- To deactivate the temperature alert, press 'ALERT'. The icon for high or low alert symbols will stop flashing on the display.

Pressure Display Selection:

Press + to select either inHg (inches of mercury) or hPa (hectopascals). Note that this reading is based on your local conditions and is not adjusted for sea level.

Barometric Pressure History:

The bar graph on your weather station displays barometric pressure history for the prior 12 hours. The column to the right shows the current pressure. Moving to the left are the prior time periods, beginning with -1 hour, then -2 hours, -3 hours, -6 hours and -12 hours.

Weather Forecast:

The weather icon on the LCD display will indicate the predicted weather condition for the next 12 hours. The forecast is based on temperature, humidity and pressure data collected over the previous 12 hours. Barometric pressure data must be accumulated by your weather station for 12 hours before the weather forecast/weather icon function is operational. The station uses five different symbols: Sunny, Partly Cloudy, Cloudy, Rainy & Stormy.

Weather Forecast Icon Setting:

Press and hold the 'HIS' button for 2 seconds until the weather forecasting icon is flashing on the display. Use the + button to modify the 5 icons: Sunny, Partly Cloudy, Cloudy, Rainy & Stormy. Press the 'HIS' button again to confirm your setting and to end the setting procedure.



Tide, Moon Phase, Sunrise and Sunset Displays:

Your weather station will display tide, moon phase and sunrise/sunset times based on your location. City codes are pre-programmed into the unit.

Determine the city nearest your location using the list below.

- Press and hold 'LOC' button for 2 seconds until the city selection is flashing on the display.
- Press 'UP' or 'DOWN' to select the city nearest your location.
- Press 'LOC' to confirm your selection.

Australia	Abbreviation		New Zealand	Abbreviation
Adelaide	ADE		Auckland	AKL
Brisbane	BNE		Christchurch	CHC
Canberra	CBR		Wellington	WLG
Darwin	DRW		Hungary	
Hobart	HBA		Budapest	BUD
Melbourne	MEL		Debrecen	DEB
Perth	PER		Szeged	SZE
Sydney	SYD			
Germany			Italy	
Aachen	AAH		Ancona	AOI
Berlin	BER		Bari	BRI
Düsseldorf	DUS		Bologna	BLQ
Dresden	DRS		Cagliari	CAG
Erfurt	ERF		Catane(catania)	CTA
Frankfurt	FRA		Firenze(FLORENCE)	FLR
Flensburg	FLF		Foggia	FOG
Freiburg	FRE		Genova (GENOA)	GOA
Hannover	HAJ		Lecce	LEC
Bremen	BRE		Messina	MES
Hamburg	HAM		Milano	MIL
Rostock	RLG		Napoli	NAP
Stralsund	HST		Palermo	PMO
Koeln	CGN		Parma	PMF
Kiel	KEL		Perugia	PEG
Kassel	KSL		Rome	ROM
Leipzig	LEJ		Torino (TURIN)	TRN
Muenchen	MUC		Trieste	TRS
Magdeburg	MDB		Venezia	VCE
Nuremburg	NUE		Ventimiglia	VEN
Regensburg	REG		Verona	VRN
Stuttgart	STR			
Saarbruecken	SCN		Ireland	
Schwerin	SCH		Dublin	DUB
Denmark				
Alborg	AAL		Luxembourg	
Arhus	AAR		Luxembourg	LUX
Copenhagen	CPH			
Odense	ODE		Norway	
			Bergen	BGO



Spain			Oslo	OSL
Alicante	ALC		Stavanger	SVG
Andorra	AND			
Badajoz	BJZ		Netherlands	
Barcelona	BCN		Amsterdam	AMS
Bilbao	BIO		Arnhem	ARN
Cadix	CDZ		Eindhoven	EIN
Cordoba	COR		Enschede	ENS
Ibiza	IBZ		Groningen	GRQ
La coruna	LCG		Den haag	HAA
Leon	LEN		Rotterdam	RTM
Las Palmas	LPA			
Madrid	MAD		Portugal	
Malaga	AGP		Evora	AVO
Palma de mallorca	PMI		Coimbra	COI
Salamanca	SLM		faro	FAO
Seville	SVQ		Leiria	LEI
Valencia	VLC		Lisbon	LIS
Zaragossa	ZAZ		Porto	OPO
France			Poland	
Besancon	BSC		Gdansk	GND
Biarritz	BIQ		Krakow	KRK
Bordeaux	BOD		Poznan	POZ
Brest	BES		Szczecin	SZZ
Cherbourg	CER		Warsaw	WAW
Clermont ferrand	CFE			
Lyon	LYS		Croatia	
Marseille	MRS		Split	SPU
Monaco	MCO		Rijeka	RJK
			Zagreb	ZAG
Metz	ETZ		Sweden	
Nantes	NTE		Göteborg	GOT
Nice	NCE		Malmö	MMA
Orleans	ORL		Stockholm	STO
Paris	PAR			
Perpignan	PGF		Slovakia	
Lille	LIT		Bratislava	BRV
			Kosice	KSC
Rouen	URO		Slovenia	
Strasbourg	SXB		Ljubljana	LJU
Toulouse	TLS		Maribor	MBX
			SERBIA	
Finland			Belgrade	BEG
Helsinki	HEL			
Tampere	TMP		Austria	
Great Britain			Graz	GRZ
Aberdeen	ABZ		Innsbruck	INN
Belfast	BFS		Linz	LNZ
Birmingham	BHX		Salzburg	SZG



Bristol	BRS		Vienna	VIE
Edinburgh	EDI			
Glasgow	GLA		Belgium	
London	LON		Antwerp	ANR
Manchester	MAN		Bruges	BRG
Plymouth	PLH		Bruxelles	BRU
Russia			Charleroi	CRL
CHELYABINSK	CEK		Liege	LGG
IRKUTSK	IKT		Switzerland	
Nizhny Novgorod	GOJ		Basel	EAP
KHABAROVSK	KHV		Bern	BRN
KRASNOJARSK	KJA		Chur	CHR
SAMARA	KUF		Geneva	GVA
KAZAN	KZN		Locarno	LOC
Moscow	MOW		Lucerne	LUC
Novosibirsk	OVV		St Moritz	MOR
OMSK	OMS		St Gallen	SGL
PERM	PEE		Sion	SIR
Saint Petersburg	PIE		Vaduz	VDZ
Rostov	ROS		Zuerich	ZRH
SARATOV	RTW		Czech republic	
Ekaterinburg	SVX		Brno	BRQ
UFA	UFA		Ostrava	OSR
Ulan-Ude	UUD		Prague	PRG
Vladivostok	VVO			
VOLGOGRAD	VOG			
Voronezh	VOZ			

NOTE:

- When the LCD display becomes dimmer, please replace the batteries. The low battery indicator of the transmitter will be displayed at the right side of the LCD display.
- Ensure not to mix old and new batteries.
- Please dispose of used batteries in a responsible manner.
- Never attempt to open, modify or repair the weather station or the transmitters in any way.
- Never get the weather station or the transmitters wet.
- When humidity is above 70%, the interface will show a sad face.

