

HOLMAN

iWeather™

Intelligent Environmental Data

Weather Forecaster



1

year
guarantee

WS5019



INSTRUCTION MANUAL

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Technical Data



WS5019 HOLMAN iWeather Weather Forecaster

Thank you for purchasing this device, please read the operating instructions carefully to familiarize yourself with the features and modes of operation before using the Weather Station.

Technical Data - Cont.

Technical Details: Indoor Unit

- Six keys: MODE, +, -, HISTORY, CHANNEL, SNOOZE/LIGHT.
- Time display in 12/24 format
- Continuous perpetual calendar up to 2099
- Display of Date, Month and Day of week
- Day of week display available in 7 languages, i.e. German, English, Italian, French, Dutch Spanish, Danish.
- Weeks Display
- Dual alarm with snooze function (alarm will activate every five minutes)
- 5 weather forecasts: sunny, partly sunny, cloudy, rainy, stormy, weather symbol can be selected manually.
- Barometer and bar and data for 12 hours history of air pressure.
- Altitude-setting for calculation of air pressure.

Technical Data - Cont.

- Indoor/outdoor temperature and humidity
- Thermometer measuring range inside: 0°C to +50 °C , outside -20°C~60 °C
- Temperature display elective in °C or °F
- Temperature alert
- Sun Rise Sun Set/moon rise moon set for 176 cities
- Moon phase
- Low battery indication)
- Blue background illumination LED.
- Battery: 2 x AA, LR06, 1.5V

Outdoor sensor:

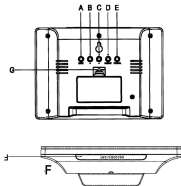
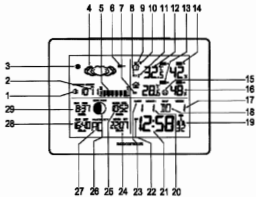
- Frequency: 433 MHz
- Battery: 2 x AAA, LR03, 1.5V
- 3 channels
- Transmitting distance: 50M open area.
- Sit at least 1 metre of the ground.

Glossary

1. 12 hour history of pressure
2. Air pressure data
3. Freeze
4. Weather
5. Bar of air pressure
6. Air pressure trend
7. Indoor low battery
8. Outdoor low battery
9. Channel
10. RF symbol
11. Temperature alert
12. Outdoor temperature trend
13. Indoor temperature trend
14. Outdoor humidity trend
15. Living face
16. Indoor humidity trend
17. Week
18. Day of Week
19. Alarm
20. Month
21. Time
22. Summer time symbol
(not applicable in Australia market)
23. Date
24. Moon set
25. Moon Rise
26. Moon Phase
27. Cities
28. Sun set
29. Sun rise

A= MODE B=+ C= - D= HISTORY

E=CHANNEL F=SNOOZE/LIGHT G=RESET



Operation - Outdoor Sensor & Indoor Sensor

Outdoor Sensor

- Please install batteries in the Outdoor Sensor first.
- Open the battery compartment located on the rear side of the device.
Place the batteries in the battery compartment. Observe the shown polarity.
- Please place in a sheltered position outside where it will not get wet or weathered.

Indoor Unit

- Open the battery compartment located on the rear side of the device.
Place the batteries in the battery compartment. Observe the shown polarity.
- The altitude is flashing, please use '+' or '-' to set the altitude of your position, then press History. Weather symbol will be flashing please use + or - to choose weather picture.
- The station is now connecting to the outdoor sensor. This process takes about 3 minutes.
Then the display will show the outdoor temperature and humidity, in case of failure of reception, please press "CHANNEL" for more than 3 seconds to receive again.

Programming - Manual Time S

Manual time set-up (most important to quit the reception of radio controlled signal by holding the minus button for 3 seconds in case it starts to flash before setup.)

- Press and hold **"MODE"** for 3 seconds.
- The display for the year is flashing. Use "+" and "-" to select the year. **Press "MODE" to confirm.**
- The display for the month is flashing. Use "+" and "-" to select the month. **Press "MODE" to confirm.**
- The display for the date is flashing. Use "+" and "-" to select the date. **Press "MODE" to confirm.**
- The display for the time zone is flashing. Use "+" or "-" to select the time zone.
Press "MODE" to confirm.
- The language selection for the display of the weekdays is flashing. Use "+" or "-" to select the language. **Press "MODE" to confirm.**

Programming - Manual Time Setup - Cont.

- The 12/24 hour is flashing Use “+ ” or “- ” to select. Press **“MODE ”** to confirm.
- The display for the hour is flashing. Use “+ ” or “- ” to select the hour. Press **“MODE”** to confirm.
- The display for the minutes is flashing. Use “+ ” or “- ” to select the minutes. Press **“MODE”** to confirm.
- The country/city is flashing. Use “+ ” or “- ” to select the city of sunrise/sunset moonrise/moonset.
Press **“MODE ”** to confirm.

Information:

- The clock automatically changes from set-up mode to time display mode if no keys are pressed for 20 seconds.

Programming - Daily Alarm Setup

- Press "MODE" to switch from time display to A1 display.
- Press and hold the key "MODE" for 3 seconds, the flashing alarm time is shown.
- The hour display of the alarm time will flash. Use "+" or "-" to select hour.
Press "MODE" to confirm.
- Then follow with the minutes. Use "+" or "-" to select the minutes.
Press "MODE" to confirm.
- Then press "MODE" to switch from A1 display to A2 display.
(The setting is the same as for A1)
- A1 is for Monday to Friday and A2 is for Saturday and Sunday.

Daily alarm on/off

- When showing A1 alarm time, press "+" to activate the alarm 1 with alarm symbol showing.
- Press "+" again to cancel the alarm.
- When showing A2 alarm time, press "+" to activate the alarm 2 with alarm symbol showing.
- Press "+" again cancel the alarm.

Information:

- The clock automatically changes from set-up mode to time mode if no keys are pressed for 20 seconds.
- Press any key to turn off alarm when beeping. (The alarm sounds for 2 minutes if no key is pressed to stop it)

Programming - Snooze / 12-24Hr / °C-°F

Snooze function - To activate the snooze function, follow the steps below

- Press the key "**SNOOZE/LIGHT**", while the alarm sounds, to activate the snooze function.
- If the snooze function is activated, snooze symbol is flashing.
- The alarm will repeat after 5 minutes.
- The snooze function can be stopped by pressing any key.

12/24 hours mode

The time display can be in 12 hour (AM/PM) or 24 hour mode.

°C/°F temperature display

The temperature display can be in °C or °F. Press the key "-" to switch between the mode.

Programming - Max/Min Indoor/Outdoor Temp

Press + for displaying of indoor/outdoor max/min. of temperature and humidity

Temperature alert set up.

- Press "**CHANNEL**" to select the channel (ch1,ch2,ch3) if more than one outdoor sensor are within reach.
- Press and hold the key -, in the area of outdoor, select ON/OFF when flashing.
- Press "**MODE**", the upper limit temperature is flashing, use + or - to set the maximum alert temperature.
- Press "**MODE**", the lower limit temperature is flashing, use + or - to set the minimum alert temperature.
- When the alert is activated, the alert symbol will be shown.

Temperature alert on/off

Press and hold the "-" key to set the temperature alert on or off.

- Alert on: Temperature alert symbol shown in display.
- Alert off: Temperature alert symbol goes out.

Weather Forecasts

5 Weather Forecasts

Sunny

Slightly sunny

Cloudy

Rainy

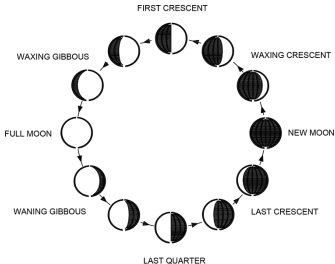
Stormy

Note: As the weather is forecasted by temperature, humidity only, the display will have a discrepancy with the actual weather occasionally.

Illumination

Press the key **"SNOOZE/LIGHT"** to activate the display illumination for 5 seconds.

Moon Phase Display



The weather station uses saved data to show the moon phase.

Please refer to the chart for information on Moon Phase positions.

Living Space Humidity & Battery

The weather station uses saved data to determine the humidity in the living space and shows the respective symbols:



Dry Comfortable Humid

Dry	below 40%
Comfortable	40% - 70%
<i>(Temperature Display: 20 - 28°C)</i>	
Humid	70% - 90%

Low Battery Condition Display

The weather station displays the low battery condition symbol to warn you that the weather station or the outdoor sensor need to have the batteries exchanged. It is a good idea to exchange both when the symbol appears.

Wireless Connection & Tips

Wireless connection to the Outdoor Sensor

- Press the key "CHANNEL" to select a channel. You can read the data of up to 3 sensors at one weather station.
- Press and hold the key "CHANNEL" for 3 seconds to search for outdoor sensors.

Tips

When placing both the inside and outside units remember they are subject to interference.

Try to:

- Install both the units as close as possible to each other.
- Try and avoid outside interference by not placing them near computers, TV's or TV antenna's etc.
- Also remember concrete walls and floors can interrupt transmissions. Try and avoid as much as possible.
- If the connection is successful initially and then fails occasionally, try to reduce the distance.
- If the connection fails and then is regained, as sometimes when it reconnects the information is not correct, it is a good idea to take batteries out and do a manual reset

Country / City Code Table

No.	Country/Cities	Abb.	No.	14					
1	Australia	Sydney	SYD	40	15		Rockhampton	ROK	53
2		Melbourne	MEL	41	16		Mackay	MKY	54
3		Hobart	HBA	42	17		Carnarvon	CAR	55
4		Adelaide	ADL	43	18		Esperance	EPR	56
5		perth	PER	44	19		Albany	ALB	57
6		Darwin	DRW	45	20		Mt. Gambier	MGM	58
7		Canberra	CBR	46	21		Warmambool	WMB	59
8		Townsville	TSV	47	22		Albury	AL	60
9		Alice Springs	ASP	48	23		Brisbane	BRS	61
10		Cairns	CNS	49	24	New Zealand	Auckland	AKL	62
11		Broome	BME	50	25		Wellington	WLG	63
12		Geraldton	GER	51	26		Christchurch	CHC	64
13		Newcastle	NCL	52			Dunedin	DUD	65

Country / City Code Table

27	Germany	Aachen	AC	66
28		Berlin	B	67
29		Dusseldorf	D	68
30		Dresden	DD	69
31		Erfurt	EF	70
32		Frankfurt	F	71
33		Flensburg	FL	72
34		Freiburg	FR	73
35		Hannover	H	74
36		Bremen	HB	75
37		Hamburg	HH	76
38		Rostock	HRO	77
39	Stralsund	HST		

Country/Cities		
Germany	Koeln	K
	Kiel	KI
	Kassel	KS
	Leipzig	L
	Muenchen	M
	Magdeburg	MD
	Nuremberg	N
	Regensburg	R
	Stuttgart	S
	Saarbruecken	SB
Schwerin	SN	

Country / City Code Table

51	Denmark	Alborg	ALB	65	French	Las Palmas	LPA
52		Arhus	ARH	66		Madrid	MAD
53		Copenhagen	CPH	67		Malaga	MAL
54		Odense	ODE	68		palma de mallorca	LPM
55	Spain	Alicante	ALI	69		Salamanca	SAL
56		Andorra	AND	70		Sevilla	SEV
57		Badajoz	BAD	71		Valencia	VAL
58		Barcelona	BAR	72		Zaragoza	ZAR
59		Bilbao	BIL	73		Besancon	BES
60		Cadiz	CAD	74		Biarritz	BIA
61		Cordoba	COR	75		Bordeaux	BOR
62		Ibiza	IBZ	76	Brest	BRE	
63		La Coruna	LCO	77	Cherbourg	CHE	
64		Leon	LEO				

Country / City Code Table

No.	Country/Cities	Abb.	93				
78	French	Clermferrand	CMF	94	England	Aberdeen	ABD
79		Lyon	LYO	95		Belfast	BEL
80		Marseille	MAR	96		Birmingham	BIR
81		Monaco	MCO	97		Bristol	BRI
82		Metz	MET	98		Edinburgh	EDH
83		Nantes	NAN	99		Glasgow	GLW
84		Nice	NIC	100		London	LON
85		Orleans	ORL	101		Manchester	MAN
86		Paris	PAR	102		Plymouth	PLY
87		Perpignan	PER	103		Hungary	Budapest
88		Lille	LIL	104	Croatia	Zagreb	ZAG
89		Rouen	ROU	105		Ancona	ANC
90		Strasbourg	STR	106	Italy	Bari	BAI
91		Toulouse	TOU	107		Bologna	BOL
92	Finland	Helsinki	HEL			Cagliari	CAG
						Catania	CAT
						Firenze	FIR
						Foggia	FOG
						Genova	GEN
						Lecce	LEC
						Messina	MES
						Milano	MIL
					Napoli	NAP	

Country / City Code Table

No.	Country/Cities							
116	Italy	Palermo	PAL	130	Netherlands	Amsterdam	AMS	
117		Parma	PAR	131		Arnhem	ARN	
118		Perugia	PER	132		Eindhoven	EIN	
119		Rome	ROM	133		Enschede	ENS	
120		Torino	TOR	134		Groningen	GRO	
121		Trieste	TRI	135		Den Haag	HAA	
122		Venezia	VEN	136		Rotterdam	ROT	
123		Verona	VER	137		Portugal	Evora	AVO
124		Ventimiglia	VTG	138			Coimbra	COI
125	Ireland	Dublin	139	Faro	FAR			
126	Luxembourg	Luxemburg	140	Leiria	LEI			
127	Norway	Bergen	BGN	141	Lisbon		LIS	
128		Oslo	OSL	142	Porto	POR		
129		Stavanger	STA	143	Poland	Gdansk	GDZ	
				144		Krakow	KKW	
				145		Poznan	POZ	
				146		Szczecin	SCZ	
				147		Warsaw	WAW	
				148	Russia	St Petersburg	PET	
				149	Sweden	Goteborg	GOT	
				150		Malmö	MLO	
				151		Stockholm	STO	
				152	Slovakia	Bratislava	BRV	
				153		Ljubljana	LJU	

Country / City Code Table

154	Yugoslavia	Berigrade	BEO	165	Switzerland	Basel	BAS
155	Austria	Graz	GRZ	166		Bern	BER
156		Innsbruck	INN	167		Chur	CHR
157		Linz	LNZ	168		Geneva	GNV
158		Salzburg	SLZ	169		Locarno	LOC
159		Vienna	VIE	170		Lucerne	LUC
160	Belgium	Antwerp	ANT	171		St Moritz	MOR
161		Brugge	BRG	172		St Gallen	SEL
162		Brussels	BRU	173		Sion	SIO
163		Charleroi	CHA	174		Vaduz	VDZ
164		Liege	LIE	175	Zurich	ZUR	
				176	Czech	Prague	PRG

Warranty

Warranty: We will honour all statutory guarantees that this product is of acceptable quality.

(including that it is fit for purpose)

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Scan the QR Code above to see more information on this product and the full iWeather product range.