

**HOLMAN**

**iWeather™**  
Intelligent Environmental Data

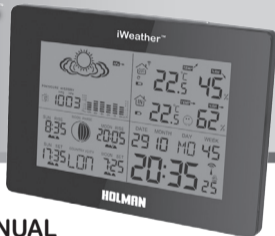
# Weather Forecaster



**WS5019**



**INSTRUCTION MANUAL**





## Table of Contents

Technical Data.....	p1-p3
Glossary.....	p4-p5
Initial Operation.....	p6
Programming	
Manual Time Setup.....	p7-p8
Daily Alarm Setup.....	p9
Snooze / 12-24Hr / °C-°F.....	p10
Max/Min Indoor/Outdoor Temp..	p11

Weather Forecast.....	p12
Moon Phase Display.....	p13
Living Space Humidity & Battery.....	p14
Wireless Connection & Tips.....	p15
Country / City Code Table.....	p16-p21
Warranty / QR Code.....	Back Page



## 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.



## Technical Data - Cont.

- Altitude-setting for calculation of air pressure.
- 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 175 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 meter of the ground.

3



## Glossary

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

A= MODE B=+ C= - D= HISTORY  
E=CHANNEL F=SNOOZE/LIGHT G=RESET

4

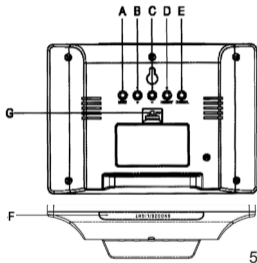
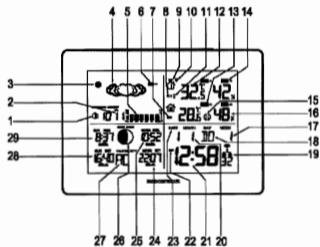
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## Initial Operation - Outdoor Sensor & Indoor Sensor

### 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.

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## Programming - Manual Time Setup

**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.

8





## 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.

10





## 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

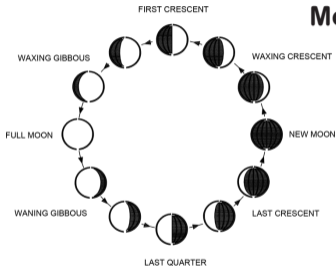
Press the key "**SNOOZE/LIGHT**" to activate the display illumination for 5 seconds.

12





## 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.

14



## 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 .

15



## Country / City Code Table

No.	Country/Cities		Abb.	14	New Zealand	Rockhampton	ROK
1	Australia	Sydney	SYD	15		Mackay	MKY
2		Melbourne	MEL	16		Camavon	CAR
3		Hobart	HBA	17		Esperance	EPR
4		Adelaide	ADL	18		Albany	ALB
5		perth	PER	19		Mt. Gambier	MGM
6		Darwin	DRW	20		Warrnambool	WMB
7		Canberra	CBR	21		Albury	AL
8		Townsville	TSV	22		Auckland	AKL
9		Alice Springs	ASP	23		Wellington	WLG
10		Cairns	CNS	24		Christchurch	CHC
11		Broome	BME	25		Dunedin	DUD
12		Geralton	GER				
13		Newcastle	NCL				

## Country / City Code Table

No.	Country/Cities	
26	Germany	Aachen AC
27		Berlin B
28		Dusseldorf D
29		Dresden DD
30		Erfurt EF
31		Frankfurt F
32		Flensburg FL
33		Freiburg FR
34		Hannover H
35		Bremen HB
36		Hamburg HH
37		Roslock HRO
38		Stralsund HST
39	Germany	Koeln K
40		Kiel KI
41		Kassel KS
42		Leipzig L
43		Muenchen M
44		Magdeburg MD
45		Nuernberg N
46		Regensburg R
47		Stungart S
48		Saarbruecken SB
49		Schwerin SN



## Country / City Code Table

50	Danmark	Alborg	ALB	64
51		Arhus	ARH	65
52		Copenhagen	CPH	66
53		Odense	ODE	67
54		Alicante	ALI	68
55	Spain	Andorra	AND	69
56		Badajoz	BAD	70
57		Barcelona	BAR	71
58		Bilbao	BIL	72
59		Cadiz	CAD	73
60		Cordoba	COR	74
61		Ibiza	IBZ	75
62		La Coruna	LCO	76
63		Leon	LEO	

French	Las Palmas	LPA
	Madrid	MAD
	Malaga	MAL
	palma de mallorca	LPM
	Salamanca	SAL
French	Sevilla	SEV
	Valencia	VAL
	Zaragoza	ZAR
	Besancon	BES
	Biarritz	BIA
	Bordeaux	BOR
	Brest	BRE
	Cherbourg	CHE

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## Country / City Code Table

No.	Country/Cities	Abb.	91	Finland	Helsinki	HEL	103		Ancona	ANC
77	French	Clermont	CMF	England	Aberdeen	ABD	104	Italy	Bari	BAI
78		Lyon	LYO		Belfast	BEL	105		Bologna	BOL
79		Marseille	MAR		Birmingham	BIR	106		Cagliari	CAG
80		Monaco	MCO		Bristol	BRI	107		Catania	CAT
81		Metz	MET		Edinburgh	EDH	108		Firenze	FIR
82		Nantes	NAN		Glasgow	GLW	109		Foggia	FOG
83		Nice	NIC		London	LON	110		Genova	GEN
84		Orleans	ORL		Manchester	MAN	111		Lecce	LEC
85		Paris	PAR		Plymouth	PLY	112		Messina	MES
86		Perpignan	PER	Hungary	Budapest	BUD	113		Milano	MIL
87		Lille	LIL	Croatia	Zagreb	ZAG	114		Napoli	NAP
88		Rouen	ROU							
89		Strasbourg	STR							
90		Toulouse	TOU							



# Country / City Code Table

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

## Country / City Code Table

No.	Country/Cities		Abb.	164		Basel	BAS
153	Yugoslavia	Berigrade	BEO	165		Bern	BER
154	Austria	Graz	GRZ	166		Chur	CHR
155		Innsbruck	INN	167		Geneva	GNV
156		Linz	LNZ	168	Switzerland	Locarno	LOC
157		Salzburg	SLZ	169		Lucerne	LUC
158	Belgium	Vienna	VIE	170		St Moritz	MOR
159		Antwerp	ANT	171		St Gallen	SEL
160		Brugge	BRG	172	Czech	Sion	SIO
161		Brussels	BRU	173		Vaduz	VDZ
162		Charleroi	CHA	174		Zurich	ZUR
163		Liege	LIE	175		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.