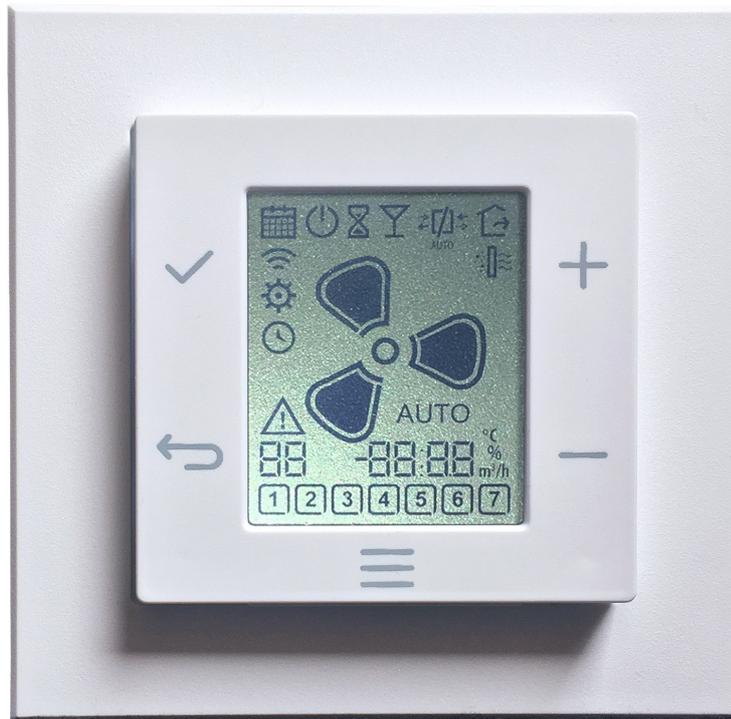




Ventilación inteligente



SIBER[®] WIRELESS MULTICONTROL v.8

Installation Manual

SIBER® WIRELESS MULTICONTROL



Country: ES



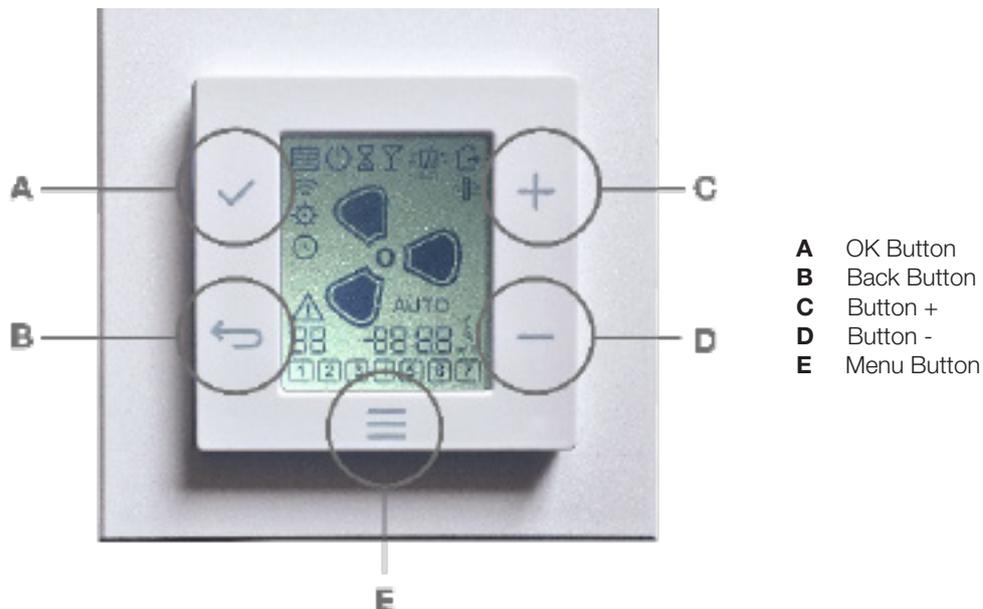
Children over 8 years old, people with reduced physical or mental abilities and those with little knowledge or experience can use this system provided that they are under supervision or have received instructions on how to use the system safely and know the associated hazards. Children under 3 years old should keep away from the system, unless they are constantly supervised. Children between 3 and 8 years old must only turn the system on and off, and always under supervision or if they have received clear instructions on how to use the system safely and know the possible hazards, and provided that the system has been positioned and installed in the normal position for use. Children between 3 and 8 years old must not insert the plug into the socket, clean the system, make changes in its settings or carry out any of the maintenance tasks that are usually done by the user. Children must not play with the system.

If a new power cable is required, always ask Siber Zone S.L.U. for the spare part. To avoid creating hazards, only qualified experts should replace damaged connections to the electrical mains.

Keep the manual close to the device in a safe place.

CONTENTS

1 ABOUT THIS MANUAL.....	4
1.1 How to use this manual.....	4
1.3 Key symbols and words used.....	4
2 SAFETY.....	5
2.1 Directives.....	5
2.2 Signs on the unit.....	5
2.3 General safety instructions.....	5
3 DESCRIPTION OF THE DEVICE	5
3.1 Intended Use.....	5
3.2 Operating Principle	5
3.3.1 Capacitive buttons.....	6
3.3.2. Icons on the LCD screen	6
4 OPERATION AND MENUS	6
4.1 Operation And Menus.....	6
4.2 Menus	6
4.2.1 Filter Restart Mode	6
4.2.2. Select the correct mode	7
5 INSTALLATION	7
5.1 Preparation for the installation.....	7
5.2 Installation Procedure	8
5.2.1. Connecting The Wires	8
5.2.2. Install the device	8
5.3. Damage to the device.....	8
5.4. Start-Up	9
6 CONFIGURATION.....	9
6.1. Establish the LINK	9
6.2 Service Menu And Changing Settings.....	9
6.2.1. Go To The Service Menu	9
6.2.2. Changing A Configuration.....	10
6.2.3. Keeping A Configuration.....	10
7 TECHNICAL DATA.....	10



1 ABOUT THIS MANUAL

1.1 HOW TO USE THIS MANUAL

This document belongs to the **Siber Wireless Multicontrol**. In this document, reference is also made to the **Wireless Multicontrol** as the “device”. It is intended for end-users and qualified installers. Ensure that you have read and understood this document before installing or using the device.

1.2 ORIGINAL INSTRUCTIONS

The original text of this manual is written in English. The versions of this document in other languages are translations of the original text.

1.3 KEY SYMBOLS AND WORDS USED



HAZARD

Means that death, serious injury or damage to the device will occur if the instructions are not followed.



CAUTION

Means that minor injury or damage to the device may occur if the instructions are not followed.



IMPORTANT

Means that damage to the device or in its vicinity may occur if the instructions are not followed.



NOTE

Is used to highlight additional information.

2 SAFETY

2.1 DIRECTIVES

The manufacturer declares that the **Wireless Multicontrol** complies with the requirements and provisions of directives:

- ☑ EMC Directive 2014/30/EU
- ☑ Low voltage directive 2014/35/EU
- ☑ RED Directive 2014/53/EU
- ☑ RoHs Directive 2002/95/EC
- ☑ WEEE Directive 2002/96/EC

2.2 SIGNS ON THE UNIT

-  Warning: Review the operating instructions as a precaution.
-  Hazard: Electrical shock risk.
-  IEC 61140 Protection
-  CE conformity marking
-  Dispose of in accordance with the European Community Directive: 2002/96/EC (WEEE)

2.3 GENERAL SAFETY INSTRUCTIONS

- ☑ Comply with the local safety, labour and environmental regulations.
- ☑ Comply with all the safety signs on the device.
- ☑ Be alert and use common sense when working with the device.
- ☑ Disconnect the power supply when installing or reinstalling the device.
- ☑ Do not expose the device to humidity or water.
- ☑ The device is designed solely for use indoors.
- ☑ Operate the device within its ambient limits.
- ☑ Only clean the device with a soft, damp cloth. Never use abrasives or chemical cleaners.
- ☑ Do not paint the device.

3 DESCRIPTION OF THE DEVICE

3.1 INTENDED USE

The device is a user interface and installation for monitoring and configuring the connected heat recovery unit. Any other or additional use is not the intended use.

3.2 OPERATING PRINCIPLE

- ☑ The device sets and monitors an interior heat recovery unit (HRU).
- ☑ This unit controls the interior air quality by varying the speed of the fan.
- ☑ The device uses wireless communication (RF) to communicate with the HRU.
- ☑ The capacitive touch buttons on the device can be used to change the HRU configuration.
- ☑ The liquid crystal display (LCD) screen shows the current operating status of the unit.
- ☑ When the HRU malfunctions or has a problem, the screen displays the system fault.

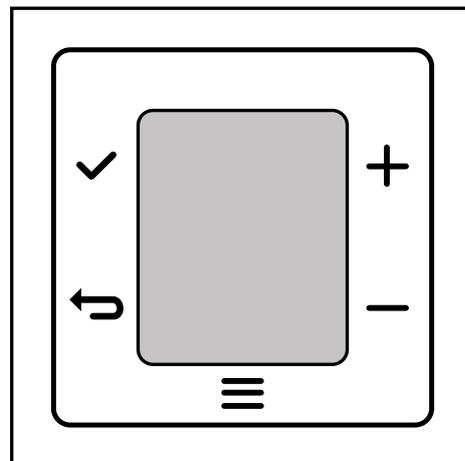
3.3. GENERAL DESCRIPTION OF THE DEVICE

The device is equipped with an interface that has five capacitive buttons and one screen.

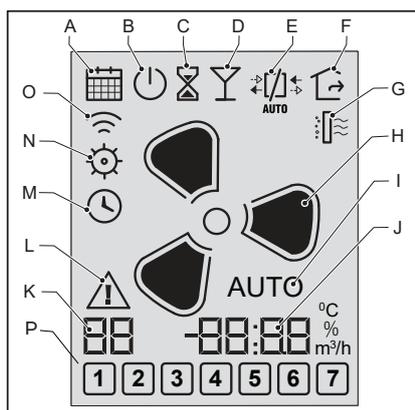
3.3.1 CAPACITIVE BUTTONS

The device can be controlled with just five capacitive touch buttons.

- 
BUTTON OK:
 Tap to start or activate the selected mode.
- 
BACK BUTTON:
 Tap to return to the preset screen.
- 
BUTTON + :
 Tap to increase the number or the element on the screen.
- 
BUTTON - :
 Tap to reduce the number or the element on the screen.
- 
MENU BUTTON:
 Tap to return to the preset screen.



3.3.2. ICONS ON THE LCD SCREEN



- A Time programming menu
 - B "On" programme enabled / "Off " program disabled
 - C Timer mode
 - D Maximum Mode
 - E Bypass Indicator
 - F Away Mode
 - G Change filter / Reset filter
 - H Fan speed
- Can be seen on one of these 4 icons:

Speed	High	At home	Low	Away
Icon				

- I AUTO mode of the ventilation unit.
When AUTO is not displayed, the fan speed is in MANUAL mode.
- J 4 digit display of the actual value
- K 2 digit display of the actual value
- L Fault indicator (can be combined with other icons)
- M Programming activation periods (date/time menu)
- N Configuration mode
- O Link mode
- P Days of the week

4 OPERATION AND MENUS

4.1 OPERATION AND MENUS

Tap any capacitive button to turn on the device. The screen shows the actual configuration of the HRU.

4.2 MENUS

4.2.1 FILTER RESTART MODE



IMPORTANT

This mode is only visible when the filter is dirty. Replace the filter in the HRU before **resetting the filter** on the device.

1. Briefly tap the **MENU button** 
2. Tap the **MENU** button repeatedly to run through the menus on the screen.
3. Stop when the filter **RESET ICON**  flashes.
4. Tap the **ACCEPT**  button to reset the filter mode.
5. Tap the **BACK**  button to exit the menu.

4.2.2. SELECT THE CORRECT MODE

The modes are only available when the HRU supports the mode. To select the correct mode, start with the preset screen.

If it is not on the preset screen, tap the **BACK** button 

AUTOMATIC MODE

To start the AUTO mode, tap the UP button  or the DOWN button  button repeatedly until the AUTO mode icon comes on **AUTO**

MANUAL MODE

When in AUTO mode, use the UP button  or the DOWN button  to stop the AUTO mode. Tap the UP or DOWN button repeatedly to select the correct speed of the fan. See 3.3.2 for fan speed settings.

AWAY MODE

To start the AWAY mode, tap the UP button  or the DOWN button  repeatedly until the AWAY mode icon appears 

MAXIMUM MODE

To start the MAXIMUM mode, tap the UP  button or the DOWN  button repeatedly until the MAXIMUM icon is activated. 

TIMER MODE

To start the TIMER mode, tap the UP button  or the DOWN button  repeatedly until the TIMER mode icon is activated. 

5 INSTALLATION

5.1 PREPARATION FOR THE INSTALLATION



HAZARD

Ensure that the electrical power supply is off before installing the device.
Do not install the device in a metal housing.
Ensure that the mains voltage is 230 VAC, 50 Hz.

5.2 INSTALLATION PROCEDURE

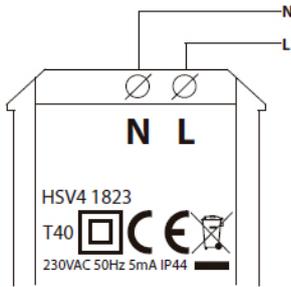
Install the device in accordance with local requirements. The installation must be carried out by a professional.

5.2.1. CONNECTING THE WIRES



NOTE

AWG12-24 wires of 0.2-2.5 mm² must be used to connect the power supply.



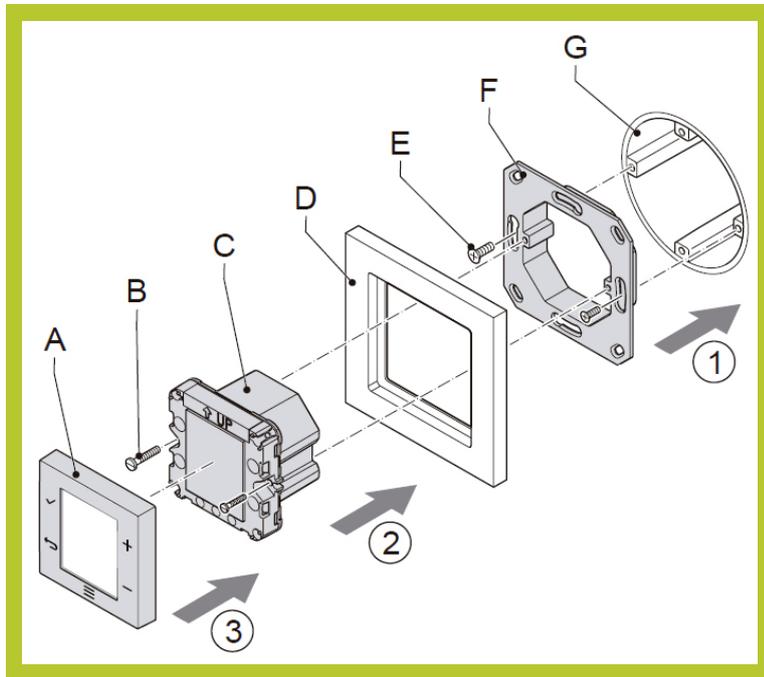
1. Connect **N** to the neutral or blue wire from the power supply.
2. Connect **L** to the live or brown wire from the power supply.

5.2.2. INSTALL THE DEVICE



IMPORTANT

To install the device, use 10 x 10 PT10 or M2.2 x 12 hardened galvanised crosshead screws of the plas-fix45 * type.



1. Fix the wall plate (F) to the mounting box (G). Use the correct screws (E).
2. Pull the power supply wires through the face plate (D).
3. Insert the wires in the correct connection in the device. See 5.2.1.
4. Fix the device (C) with the correct screws (B) to the wall plate (F). Ensure that the face plate (D) is correctly located between the device and the plate (F).
5. Position and push the cover (A) on the device (C).

5.3. DAMAGE TO THE DEVICE

If the device housing shows signs of damage or parts are missing, the device should be disconnected from the power supply.

5.4. START-UP



CAUTION

Ensure that the power supply is correctly connected. See 5.2.1.

1. Switch on the device's power supply.
 - a. All the icons on the screen will be displayed for three seconds.
 - b. After three seconds, the device software version will be displayed on the bottom right-hand side corner of the screen.
 - c. The device automatically starts the RF link for communications with the unit.
2. The icon starts to flash as it looks for the Ventilation Unit.
 - a. If the link is made correctly, the screen displays BND. The device is ready to use.
 - a. If the link is not made correctly, the screen displays NO BND. Tap the OK button to start a new link.

6 CONFIGURATION

The device can only be configured on the Installer menu.

To start the installer menu, tap the MENU button for 10 seconds  or more. The menus that can be configured will then be available. There are two: the LINK menu and the SERVICE menu.

6.1. ESTABLISH THE LINK

1. Tap the MENU button repeatedly to run through the menus.
2. Tap the Accept button when the link icon appears. The link starts to flash.
3. Tap the Accept button again. The device connects to the HRU automatically.
 - a. If the link is made correctly, the screen displays BND.
 - b. If the link is not made correctly, the screen displays NO BND.
4. Tap the BACK button to return to the configuration menu.
5. Tap the BACK button again to exit the configuration menu.



NOTE

To establish the connection of the HRU, see the HRU menu.

6.2 SERVICE MENU AND CHANGING SETTINGS

6.2.1. GO TO THE SERVICE MENU

1. Tap the MENU button  repeatedly to run through the menus.
2. Tap the ACCEPT button  when the service menu icon appears. 
3. The 2 digit value display on the left shows an index number that flashes. The corresponding value and this setting's unit are shown on the 4 digit value display on the right.
4. Tap the UP button  or the DOWN button  to run through the index numbers.



NOTE

For an explanation of the index number and the values, see the HRU manual. When a value is not available, the 4 digit value display shows four dashes.

6.2.2. CHANGING A CONFIGURATION

1. To change a configuration, go to the service menu. See 6.2.1.
2. Select the correct index number.
3. Tap the ACCEPT button ✓. The 4 digit value display starts to flash.
4. Tap the UP button + or the DOWN button - to change the configuration value.
5. Tap the Accept button to maintain the correct configuration. The 2 digit value display flashes.
6. Repeat steps 2 to 5 to change any other configuration.
7. Tap the BACK button ↩ to exit the configuration menu.

6.2.3. KEEPING A CONFIGURATION

1. Tap the BACK button ↩ keep a configuration that has not been modified

7 TECHNICAL DATA

SIBER® MULTICONTROL			
CERTIFICATIONS		LVD and EMC Directive Rohs and WEEE compliant	
TOTAL DIMENSIONS		55 mm x 55 mm x 35 mm (height x width x depth)	
AMBIENT CONDITIONS	Temperature	In operation:	0 to 40 °C
	Relative humidity		5 - 95%, with no condensation
	Dispatch and transport conditions		from -20 to -60 °C
ELECTRICAL SPECIFICATIONS	POWER SUPPLY		230VAC, 50 Hz
	Energy consumption		Less than 1 watt (in standby mode)
	Electrical protection rating		IP44
OTHER	Screen activation		Gestural movement IR sensor