Meltem®
VENTILATION & HEAT RECOVERY

INSTALLATION INSTRUCTIONS AND USER GUIDE

Part no. 5301-14-01, Week 42/2021 EN

4-Way Wireless Pushbutton Switch

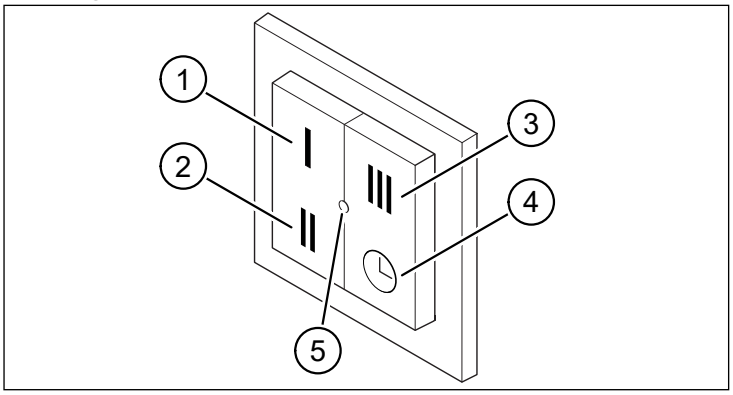


Fig. 1: 4-way wireless pushbutton switch

	Ventilation levels/programs (factory default settings)	
Item	**M-WRG-II**	**M-WRG**
1	Ventil. level **I**: 10 / 20* m³/h	Ventil. level **I**: 15 / 20* m³/h
2	Ventil. level **II**: 30 / 40* m³/h	Ventil. level **II**: 30 / 40* m³/h
3	Ventil. level **III****: 50 / 60* m³/h	Ventil. level **III****: 60 m³/h
4	Intensive ventilation 100 m³/h for 15 min	
5	Status LED (see table in section 5)	

* Options M-WRG-II O/LFS, M-WRG-II O/MVS or M-WRG O/LFS, M-WRG O/MVS change the button assignment

** Button is assigned to humidity, CO_2 or automatic mode (humidity and CO_2) when used with ventilation units with the appropriate sensors

1 Introduction

1.1 Notes on these instructions

These instructions contain important information that should be followed when installing and using the 4-way wireless pushbutton switch.

► Read all the instructions carefully to avoid possible risks and mistakes.

► These instructions are part of the product. Keep the instructions in a safe place for future reference.

NOTICE

► When operating the ventilation unit, also follow the operating instructions that were supplied with your unit.

1.2 Description

The 4-way wireless pushbutton switch is used for wireless operation of ventilation units from the M-WRG-II and M-WRG series constructed from July 2018 onwards and with device no. 11807xxxx or later (excluding types -S 485, -S 485-TF, -S 485-TFC). Only one ventilation unit may be operated using the wireless pushbutton switch. On the other hand, up to five wireless pushbutton switches may be registered with one ventilation unit.

The wireless pushbutton switch may be mounted on the wall or in an empty flush-mount box, for example, using the adhesive tape or with screws. This makes it an alternative to the client's own 3-step rotary switch. The wireless pushbutton switch may be combined with other switch programs (e.g. Gira System 55); this must be tested on site on an individual basis.

The buttons (items 1 to 4 in Fig. 1) are used to activate four different ventilation levels/programs. The LED (item 5 in Fig. 1) signals operating statuses of the wireless pushbutton switch and ventilation unit.

The optional M-WRG-FBH wireless remote control, part no. 5478-10, can be used to program the button assignment of the wireless pushbutton switch. You will find more details in the "User guide for wireless remote control M-WRG-FBH". The wireless pushbutton switch can also be used in parallel with the wireless remote control and in conjunction with the U² installation version and all M-WRG-II and M-WRG covers.

1.3 Target group

These instructions are intended for users of the 4-way wireless pushbutton switch. No special prior knowledge is needed.

1.4 EU declaration of conformity

The 4-way wireless pushbutton switch described below

Type: M-WRG-FT
Part number: 5478-20

manufactured by

Meltem Wärmerückgewinnung GmbH & Co. KG
Am Hartholz 4
82239 Alling

conforms to the regulations and standards listed in the EU Declaration of Conformity.

1.5 Technical data

Product characteristics	
Dimensions (W x H x D)	83 mm x 83 mm x 17 mm
Weight	approx. 52 g
Colour	white, similar to RAL 9010
Material of the plastic parts	ABS
Ambient conditions	
Ambient temperature during operation	0 °C to 40 °C
Ambient temperature for storage and shipping	-20 °C to 40 °C
Relative humidity	0 % to 90 %, non-condensing
IP code (IEC 60529)	IP30
Battery	
Type	CR2032
Lifetime	6 years
Wireless connection	
Communication frequency	868.3 MHz
Output power	at least 0 dBm

1.6 Environmentally-friendly disposal

The components of the 4-way wireless pushbutton switch must not be disposed of in the residual waste bin.

► In Germany, metal and plastic components should be disposed of at the local recycling centre. The national regulations in other EU states should also be followed.

► In Germany, electrical components should be disposed of in accordance with the Electrical and Electronic Equipment Act (ElektroG). In other EU states, the national implementation of the Waste Electrical and Electronic Equipment Directive 2012/19/EU (WEEE) should be followed.

► In Germany, rechargeable batteries and accumulators should be disposed of in accordance with the Batteries Act (BattG). The national implementation of the Battery Directive 2006/66/EC should be followed in other EU states.

► The regulations and statutory requirements in your own country concerning disposal should also be followed.

1.7 Explanation of the symbols used

► This symbol indicates an action to be taken.

— This symbol indicates a list.

2 Safety

The 4-way wireless pushbutton switch is approved only for use in dry interior areas and must be protected against humidity and moisture to prevent short-circuits.

2.1 Notes on operation

This unit may be used by children from 8 years old and by persons of restricted physical, sensory or mental abilities or persons lacking experience and knowledge if they are supervised or have been instructed in how to use the unit safely and understand the associated hazards. Do not allow children to play with the unit. Cleaning and user maintenance must not be carried out by children unless they are supervised.

2.2 Intended use

The 4-way wireless pushbutton switch must only be used to operate M-WRG-II and M-WRG ventilation units. Any different or more extensive usage will be regarded as contrary to the intended use. The intended use also includes compliance with all the notes in