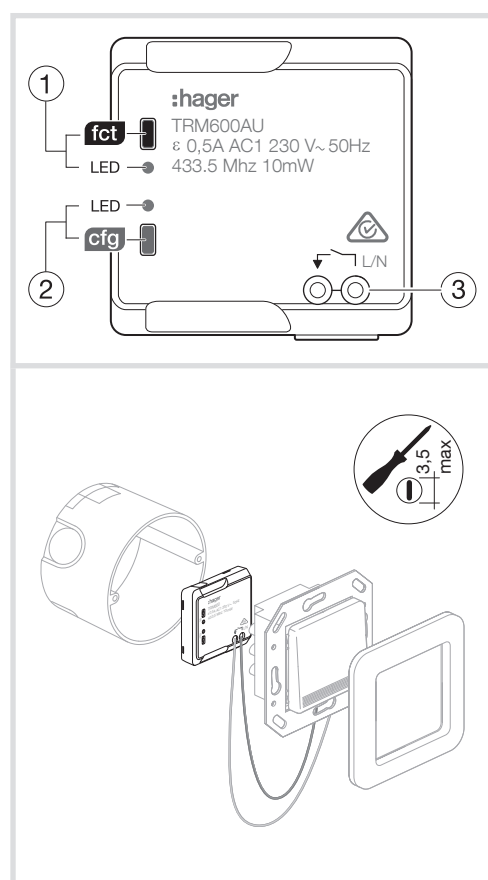


Complies with
IMDA Standards
DA101847

TRM600AU

Radio control for latching relay, timer



- The device is to be installed only by a qualified electrician in accordance with the installation standards in force in the country.
- Cut off the 230V power supply before connecting the device.

The TRM600AU allows to add a radio control to an existing latching relay or timer circuit powered by 230V. It is a radio receiver which only delivers a calibrated pulse. It is dedicated to this application and is placed in a flush mounted box, behind one of the push buttons of the circuit to control. It connects in parallel to the push button and consumes equal to that required by a neon indicator of a push button.

The TRM600AU is itself controlled through radio transmitters. On each command received, its output contact closes for 200 ms to control the latching relay or timer in question.

Legend

- ① Push button and function LED **fct** of the output
- ② Push button and configuration LED **cfg**
- ③ Terminal block

Functions

- Single function receiver (pulse) controlled by radio
- 1 pulse output to control a latching relay or timer

In operation:

- Option of manual control of the output: each press of the **fct** push button = 1 control pulse.
- Display of the output status on the **fct** LED: 1 single red flash corresponds to 1 pulse of 200 ms.

Quicklink configuration

Quicklink is the name of the tool free Hager configuration mode for radio products. It uses the function (fct) and configuration (cfg) buttons and its Leds, located directly on the products. Only the "pulse" function (select the timer symbol) and erasing of the link are available on this product.

Limitations

Only latching relays or timers controlled at 230V are compatible. In case of use with illuminated push buttons, the current consumed by the product must be considered as < than 1mA.

Factory Reset

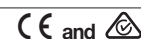
Press and hold the **cfg** push button until the **cfg** LED starts flashing (>10s). The factory reset is complete when the cfg LED light goes out.

This operation leads to complete erasing of the product configuration, regardless of the configuration mode. After switching on or a factory reset, wait for 15 sec. before proceeding with configuration.

I This manual is an integral part of the product and must be kept by the end user.

Technical characteristics

Supply voltage	230V~ +10 %-15% 50Hz 240V~ +6%/-6% 50Hz
Product consumption	100mW (max. 150mW)
Transmission frequency/ Emission power	433,05 - 434,79 MHz 10 mW
Dimensions	40 x 40 x 18 mm
Max. switch current	0.5A
Contact closure duration	200ms
Degree of protection	IP20
Operating altitude	≤2000 m
Pollution degree	2
Overvoltage category	III
Operating temperature	-15 °C → + 45 °C
Storage temperature	- 25°C → + 70 °C
Receiver category 2 / Transmitter duty cycle <10%	
Electric connection: 0,5 mm² → 1,5 mm² 0,5 mm² → 2,5 mm²	

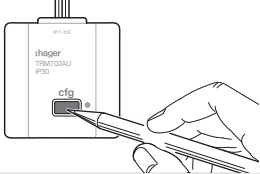
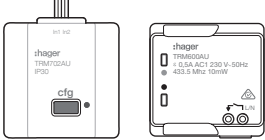
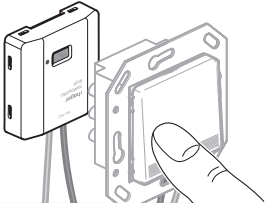
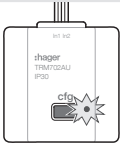


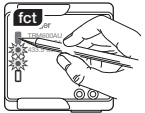

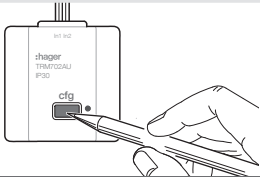
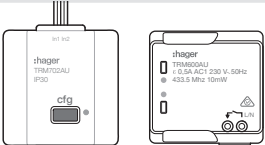


Hager Controls hereby declares that the radio transmitter/receiver complies with the 2014/53/ EU directive.

The CE declaration can be consulted on the site:
www.hager.com

Configuring a pulse function (5 steps)

Example : Link between a conventional push button connected to the radio transmitter TRM702AU and the TRM600AU receiver for pulse function.

Action	Result	
<div>① Starting configuration</div> <div>Give a short press on the cfg button of the transmitter or transmitter/receiver.</div> <div></div>	<div>The cfg ● LEDs of all the receivers and the emitter come on.</div> <div></div>	
<div>② Input selection</div> <div>Give a short press on the button to be configured.</div> <div></div>	<div>The cfg ● LED of the emitter flashes for 1 s.</div> <div></div>	
<div>③ Function selection</div> <div>Select the function by successive short presses on the fct button of the receiver to be controlled.</div> <div><div><div>1x 2x 3x 4x ...</div></div></div>	<div>Scrolling of the functions indicated by the colour of the fct LED :</div> <div>- first press = pulse function - second press = delete link</div> <div><div><div>Led fct</div><div>1x = [Pulse Symbol] 200ms 2x = Delete 3x = [Pulse Symbol]</div></div></div>	
<div>④ Confirmation of the function</div> <div>Press for > 2s on button fct of the receiver until the cfg ● LED flashes.</div> <div><div><div>> 2s</div></div></div>	<div>The function identified by the colour of the fct LED is confirmed.</div> <div></div>	
<div>⑤ Exiting configuration mode</div> <div>Give a short press on the cfg button of the transmitter or transmitter/receiver.</div> <div></div>	<div>The cfg ● LEDs of all the receivers and the emitter go out. End of configuration.</div> <div></div>	

Display of a configured function

In step ② the fct LED indicates the colour of the configured function.

Group control

Repeat steps ③ and ④ on the other receivers to be integrated in a group.Only the function selected on the first receiver and clearing will be available for selection on the other receivers.

Editing a configured function

In step ③ , you can edit the displayed function, except in the case of group control where it is necessary to clear the receivers of the group before choosing a new function.

Clearing a configured function

In step ③ select the "Clear" function and then confirm in step ④ .

Error signals

A very rapidly flashing **cfg** ● LED indicates an error or an incompatible link. (e.g. a group control mixing lighting and shutter commands).

System limit

A product may be linked to a maximum to 20 other products.

