RF Touch- B

RF Touch-W

- The Wireless touch unit RF Touch is a central controller for heating, switching electrical appliances and equipment, dimming lights, controlling blinds, etc.
- It transmits and receives commands from units and processes set programs for automatic control.
- Thanks to bidirectional communication, it visualizes the current status of individual units.
- Automatic control based on weekly program.
- It is possible to combine up to 40 units of iNELS RF Control + 30 Oasis detectors (you can gradually expand the installation from 1 unit).
- Power to the touch unit is in the range 100–230 V AC, (RF Touch/W also supplied via adapter 12 V DC included in the supply).
- Range up to 100 m (in open space), if the signal is insufficient between the RF Touch and unit, use the signal repeater RFRP-20 or protocol component RFIO2 that support this feature.
- Communication frequency with bidirectional protocol RFIO.

Technical parameters	RF Touch-B	RF Touch-W
Display		
Type:	colour TFT LCD	
Resolution:	320 x 240 pixels/262,144 colours	
Side proportion:	3:4	
Visible surface:	52.5 x 70 mm	
Backlighting:	active (white LED)	
Touch area:	resistive 4-conductor	
Diagonal:	3.5"	
Control:	touch	
Power supply		
Supply voltage:	100–230 V AC	from the back 100–230 V AC, from the side 12 V DC
Input power:	max. 5 W	
Power supply terminals:	A1–A2	
Control		
Communication protocol:	RFIO2	
Frequency:	866–922 MHz (for more information see p. 76)	
Range:	in open space up to 100 m	
Min. distance RF Touch Actuator:	1 m	
Connection		
Connection:	terminal box	no-screw push-in terminal box or jack ⌀ 2.1 mm jack connector
Cross-section of connecting wires:	max. 2.5 mm²/1.5 mm² with a hollow	
Other data		
Operating temperature:	0 to +50 °C	
Storage temperature:	- 20 to +70 °C	
Protection:	IP20	
Overvoltage category:	III.	
Contamination degree:	2	
Operating position:	any	
Installation:	an installation box	anywhere indoor
Dimensions:	94 x 94 x 36 mm	94 x 94 x 24 mm
Weight (plastic):	127 g	175 g
Related standards:	EN 60730-1	

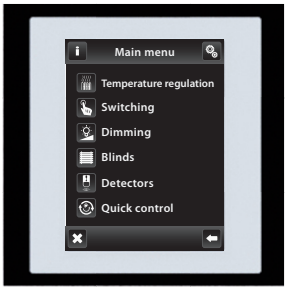
Power supply

RF Touch-B

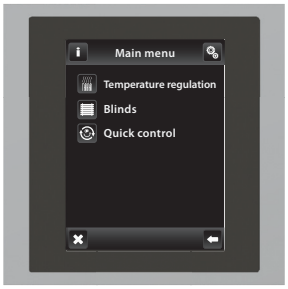
RF Touch-W

Adapter, 12 V DC
(adapter is part of the RF Touch-W unit package)

Colour combinations



black/white



chrome/grey

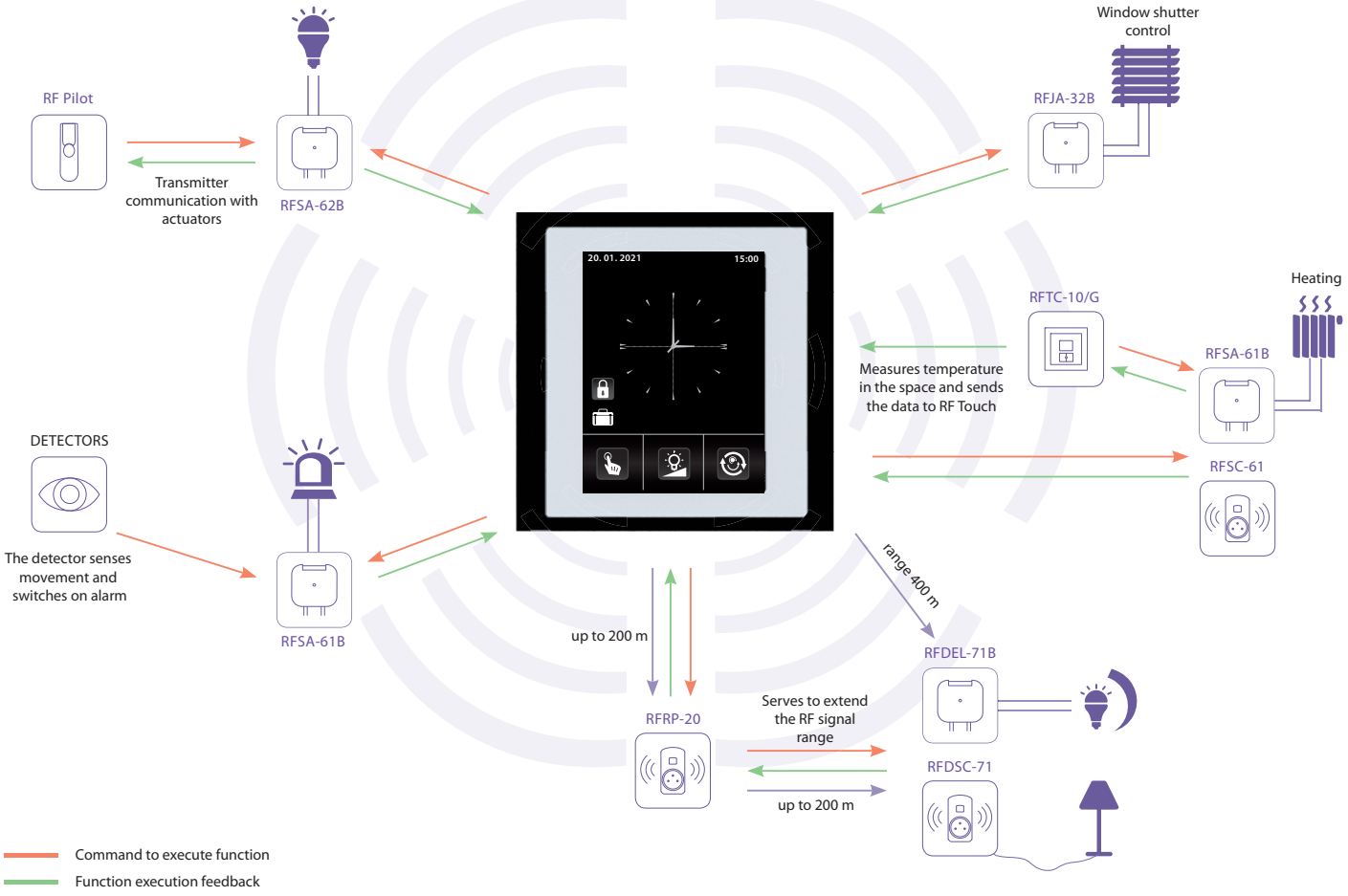
white/pearly

glass/grey

red/aluminum

aluminum/dark grey

titanium/ice



HEATING

- control of heating devices (boilers, thermo valve 0–10 V...)
- temperature regulation in the entire house or in individual rooms
- information about outdoor temperature (wireless temperature sensor) - terraces
- possibility to set your own heating program for the whole week
- holiday mode will interrupt the heating program when you are on holiday
- room temperature correction (during the heating program) is performed with a digital thermal regulator command

SWITCHING

- this function serves to switch on/off lights, sockets, electrical appliances and devices
- intuitive control thanks to customized name options
- switch clock enabling you to switch appliances in real time, even during your absence (simulation of the presence of persons, etc.)
- switching actuator function selections: switch on/off, impulse relay, button, delayed ON/OFF (time of delay from 2 s to 60 min)

DIMMING

- the regulation of light intensity
- customizable names of individual dimmed circuits (such as “living room lights“)
- “sunrise/sunset” imitation - light gradually goes on or off during the preset period between 2 s and 30 min

WINDOW SHUTTERS

- controlling window shutters, sunblinds, blinds, garage door, etc.
- window shutters are controlled separately or as a group
- setting an independent time schedule for pulling up/down
- the window shutter receivers are powered by either 230 V or 24 V DC (shutters between windows, etc.)

DETECTORS

- RF Touch communicates with detectors - window, door, movement...
- possible to combine with switching actuators
- clear control over the entire house

QUICK CONTROL

- serves to control group of actuators with a single touch
- possibility to set up scenes; on activation, for example, window shutters are pulled down and lights are adjusted to required intensity