RF Touch

Control touch unit

INSTALLATION MANUAL

Switching

Lighting dimming

Heating

HVAC

Blinds, Shutters

Detectors

www.inels.com

We want to thank you for your purchase of the RF Touch control unit, which is an component of the wireless RF Control system.

RF Touch allows:

- you to control many devices through the touch screen
  - heating control
  - dimming lights
  - switching of electrical appliances and equipment
  - blinds
  - a combination of detectors
  - function timers
  - group control of electrical equipment
- everything with clear visualization
- wireless communication without the need for cabling

Installation and connection should only be carried out by a person with the appropriate qualifications, in compliance with all applicable laws, who are perfectly familiar with these instructions and functions. Trouble free function is also dependent on transportation, storage and handling. In case of any signs of damage, deformation, malfunction or missing parts, do not install this product and return it to the seller. At the end of their lifetime products and parts must handled as electronic waste. Before installation, make sure that all wires, connected parts or terminals are not live. During the installation and maintenance is necessary to follow safety regulations, standards, guidelines and special provisions for working with electrical equipment.

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Overview of wireless RF Control devices

CONTROLLERS

RFWB-20/G

Wireless wall controller, 2 button

RFWB-40/G

Wireless wall controller, 4 button

RF Key

4 button controller, keychain

RF Pilot

Wireless remote controller with display

RFIM-20B

Wireless contact converter (2 inputs)

RFIM-40B

Wireless contact converter (4 inputs)

RFSG-1M

Wireless contact converter (230V)

SYSTEM UNITS

RF Touch-B

Wireless touch unit, flush mounted

RF Touch-W

Wireless touch unit, surface mounted

eLAN-RF-003

Smart RF box

eLAN-RF-Wi-003

Smart RF box with Wi-Fi

RFGSM-220M

Multifunctional GSM communicator

RFPM-2M

Energy gateway

RFRP-20

Repeater to extend the range

SWITCHES

RFSA-11B

Wireless switch unit (single-function), 1 output

RFSA-61B

Wireless switch unit (multi-function), 1 output

RFSAI-61B

Wireless switch unit with the input (for a pushbutton)

RFSA-62B

Wireless switch unit (flush mounted), 2 outputs

RFSA-61M

Wireless switch unit, 1 output

RFSA-66M

Wireless switch unit, 6 outputs

RFUS-61

Switch unit for outdoor use (multi-function)

RFSC-61

Switching socket (multi-function)

RFJA-12B/230V

Switch unit for shutters

RFJA-12B/24V DC

Switch unit for shutters

LIGHTING

RF-RGB-LED-550
RF-WHITE-LED-675

Wireless coloured and white bulb

RFSOU-1

Wireless twilight switch

DIMMERS

RFDA-11B
RFDA-71B

R-L-C dimmer*
(single-function,
multi-function)

RFDAC-71B

Analog controller
0(1)-10V

RFDA-73M/RGB

Dimmer for coloured
(RGB) LED strips

RFDEL-71B

Universal dimmer
(flush mounted)

RFDSC-71

Dimming socket
(multi-function)

RFDEL-71M

Universal dimmer
(DIN rail mounted)

* Products can be excluded from our range due to termination of production or by being replaced with another product type.

TEMPERATURE CONTROL

RFSTI-11/G

Switch unit with
a temperature sensor

RFSTI-11B

Switch unit with
a temperature sensor
(flush mounted)

RFTI-10B

Wireless
temperature sensor

RFATV-1

Wireless
thermo-valve

RFTC-10/G

Simple wireless
temperature
controller

RFTC-50/G

Wireless
temperature
controllers

RFTC-100/G

Wireless
temperature
controllers

MONITORING UNITS

RFSF-1B

Wireless flood detector

RFTM-1

Wireless pulse converter

DETECTORS

JA-80P

Wireless motion detector

JA-81M

Wireless magnetic contact

JA-82M

Wireless magnetic contact, Flush mounting

ACCESSORIES

AN-I, AN-E

Internal antenna
External antenna

TELVA

Thermodrive
Telva 230 V
Telva 24 V

TC, TZ

Temperature sensors

FP-1

Flood probe

RFMD-100

Motion detector

RFWD-100

Window / Door detector

Technical parameters

Technical parameters	RF Touch-B	RF Touch-W
Display		
Type:	color TFT LCD	
Resolution:	320 x 240 pixels / 262144 colors	
Aspect ratio:	3 : 4	
Visible area:	52.5 x 70 mm	
Backlight:	active (white LED)	
Touch screen:	resistive 4 wire	
Display:	3.5”	
Control:	Touch sensitive	
Power supply		
Voltage / specific current:	100–230 V AC	from the back side 100–230 V AC from the side 12 DC *
Power consumption:	max. 5 W	
Power supply connector:	A1 – A2	
Control		
Range up to:	100 m	
Minimal range RF Touch – actuator:	1 m	
Frequency:	868 MHz, 915 MHz, 916 MHz	

Technical parameters	RF Touch-B	RF Touch-W
Connection:	push-in	screwless terminal push-in or jack Ø 2.1 mm
Max. cross section of wires:	max. 2.5 mm² / 1.5 mm² with socket	
Operating conditions		
Operating temperature:	0 ... +50°C	
Storage temperature:	- 20 ... +70°C	
Protection:	IP20	
Overvoltage category:	III.	
Pollution degree:	2	
Operating position:	arbitrary	
Installation:	installation a box	wall box installation
Dimensions:	94 x 94 x 36 mm	94 x 94 x 24 mm
Weight **:	127 g	175 g
Standards:	EN 60730-1	

* adapter is included for RF Touch-W

** weight includes the plastic frame and the intermediate frame

Control Unit of the wireless system RF Control – RF Touch provides intelligent control of the RF units.

It can be used for:

- central control of all units from one place
- complete overview (visualization) of the current status of units (appliances / equipment)

Features:

- sends command to temperature, switching, dimming and monitoring actuators
- accepts commands from the transmitters, actuators, sensors and detectors
- programs for heating and regulation

Design:

- RF Touch-B: fits in the round installation box with a supply voltage of 100—230 V AC
- RF Touch-W: for surface mounting with power supply from the back side: 100—230 V AC or from the side (via jack): 12 V DC
- 3.5 inch color touch screen – no mechanical buttons
- RF Touch, as standard, plastic (white, black) or the luxury designed LOGUS^{90} (glass, metal)
- color of the interframes – white, ivory, ice, mother of pearl, aluminum, silver
- colors of the boxes (only for RF Touch-W) – white, ivory, dark gray, light gray

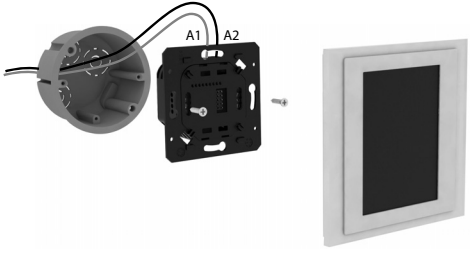
- backup time in case of power failure is 48 hours
- 40 actuators and 30 OASIS detectors can be assigned to each RF Touch unit
- RF Touch can be combined with units of RF Control

Installation

RF Touch-B

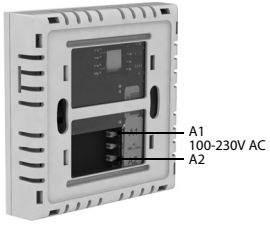
Power supply

Mounting into the installation box



RF Touch-W

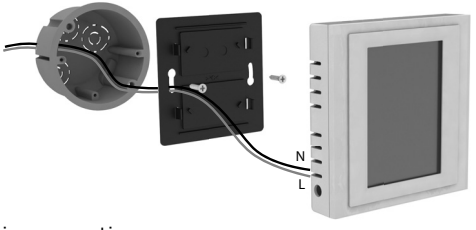
Power supply



With Power Adapter

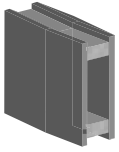
• adapter included with RF Touch-W

Fitting on the surface



Adhesive mounting

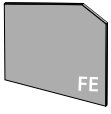
Transmission of radio-frequency signals through various materials



Wooden structures with plasterboard plates
80—95 %

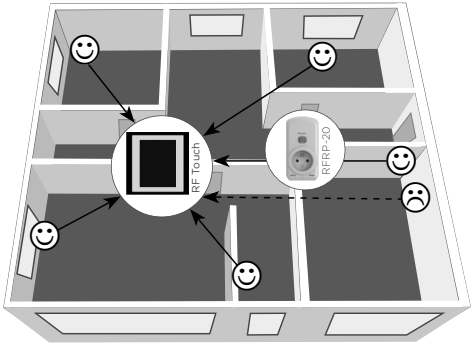
Brick wall
60—90 %

Standard glass
80—90 %



Metal sheets
0—10 %

Reinforced concrete
20—60 %



Basic Steps for Successful Programming EN

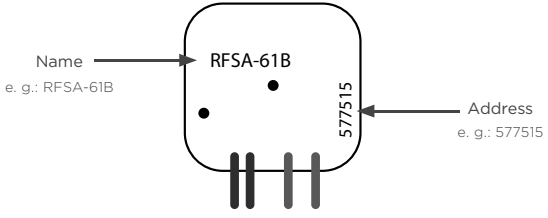
1. Placement of the RF Touch and RF units

Keep in mind that the radio signal range of RF installation depends ON building construction, materials and placement of all units.

2. Fill Installation Form

- device name that you want to manage (to create a menu)
- the names of units (for the correct classification of the group, for example: RFSA-61B)
- addresses of units (to identify the actuator, for example: 577515)

Installation form can be found at the end of this manual.



3. Set menus (create names)

Create a list of names of the controlled device in the Settings / Menu (create name).

4. Programming

Programming of the RF units with RF Touch is carried out in the Settings / Programming menu.

Description of Control Icons

Basic

- Information about the firmware version and memory usage
- Settings
- Back to the home screen
- Step back

Main menu

- Temperature regulation
- Switching
- Dimming
- Blinds
- Detectors
- Quick control

Setup menu

- scroll up
- scroll down
- OK confirm
- yes / selected
- no / not selected
- add
- edit / remove
- name / address of the actuator(s)
- delete
- 00:00 time setting*

Keyboard

- . dot
- abc letters
- A/a small / capital letters
- _ space
- a/1 switch between letters / numbers
- OK confirm
- C erase previous

RF Touch, control, by short slight touch (a length of about 0.5—1 s) at the appropriate point.

* Holding down on the arrows leads to the accelerated speed of change of numerals.

Dimming

- switch ON
- switch OFF
- dimming
- light inclination
- light declination
- confirm
- intensity setting*

Heating

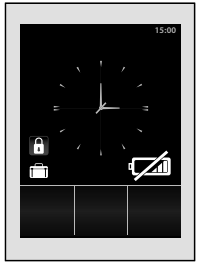
- temperature
- Saving mode
- Normal mode
- Party mode
- Anti-freeze mode
- Heating program
- Holiday mode
- Internal sensor
- External sensor
- Window detection

Switching

- switch ON
- switch OFF
- impuls
- button
- time function
  - delayed switch on
  - delayed switch off
- regulation
- open
- open – intermediate position
- close – intermediate position
- close

Blinds

- raise blinds
- lower blinds
- time setting*



Home screen display icons:

Screen Lock

/ Weekly program / Holiday mode (icon only appears if the Holiday mode is activated in Settings - see page 30)

Displays information regarding low battery in one of the thermal components. Touching the battery icon displays the name of the component.

At the bottom of the display are 3 fields to display the most commonly used devices.

Basic Information

After power connection the RF Touch logo appears on the screen (fig. 1) After approximately 3 s the icon indicating the status of the component scan appears (fig. 2) On completion of the scan the default screen displays automatically.

Main screen

- date
- time (touching the upper right corner of the display will switch between analog – fig. 3 or digital clocks – fig. 4)
- display at the bottom of screen is customable, eg: heating mode, a often used device .... (see page 32).

Touch screen can be controlled by the light touch (of about 0.5—1s) in the location.

To access the Main Menu (fig. 5) touch the display in the time display area.

Sleep mode To exit Touch the lock icon on the display twice.

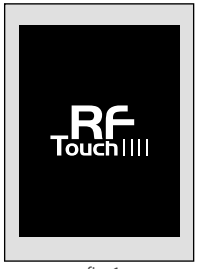


fig. 1

fig. 2

fig. 3

fig. 4

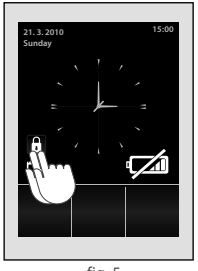


fig. 5

fig. 6

Main Menu / Setting

The Settings menu (fig. 8—9) can be opened by touching the (fig. 6) symbol in the upper right corner of the screen and enter the Password (it´s setting from production – 1111) (fig. 7), which you can change at anytime.

fig. 7

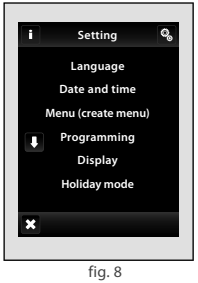


fig. 8

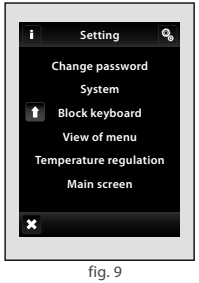


fig. 9

Setting / Language EN

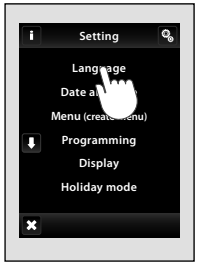


fig. 10

fig. 11

Selection of required Language (fig. 10—11).
Save setting by pressing OK.

Setting / Date and time

fig. 12

fig. 13

fig. 14

Settings (fig. 12—14):

- date and time
- automatic transition between winter / summer time (for time Zone GTM +01:00)
- format settings hours (12h / 24h mode)

To save Settings press OK.

Setting / Menu (create menu)

fig. 15

Menu (create name) is used to add, edit or remove the names of the controlled device. In this menu (fig. 15) you need to first create your own device names for the sections you want to control.

Creating names is important for successful programming of the RF Touch. For each actuator, which is involved in the installation you have to create unique name.

The content of this menu is not set at the factory.

Setting / Menu (create menu) **/ Add**

Press the ✚ Add (fig. 16) to show a selection of selections (fig. 17):

- Temperature regulation
- Switching
- Dimming
- Blinds
- Detectors
- Quick control

Choose the section where you want to add the device name and type your own personal device name (max. 20 characters).

Example 1: If you want to control the blinds – Place the name to the section of the blinds (fig. 17—19).

Example 2: If you want to control a group of blinds together, first create all the blinds names in the blinds section and then create a new name for group control in the Quick control section.

Note: Actuator RFTI-10B can be connected with two temperature sensors. For each sensor, you can create your own name.

fig. 16

fig. 17

fig. 18

fig. 19

fig. 20

Setting / Menu (create menu) **/ Edit**

Edit button is used to change or modify the name in the created menu.

Press the Edit icon ▬ (fig. 20) a menu appears, select the section in which you want to edit created name (fig. 21). Mark selected name by touching it (fig. 22) and then edit with displayed keyboard.

Press OK to confirm (fig. 23). The modified name is stored.

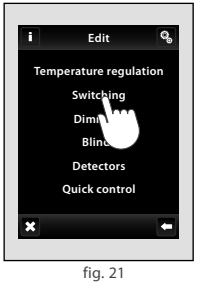


fig. 21

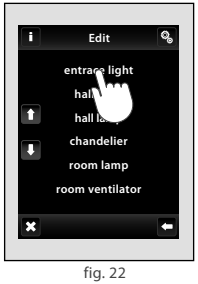


fig. 22

fig. 23

Setting / Menu (create menu) / Remove

Remove button can delete unit name.

Press the Remove icon ⊟ (fig. 24) following menu appears, select the section from which you want to remove the name (fig. 25). Pick the device you want to delete by touching it (fig. 26).

Press ☑ to confirm the selection (fig. 27). Selected name will be deleted from menu.

fig. 24

fig. 25

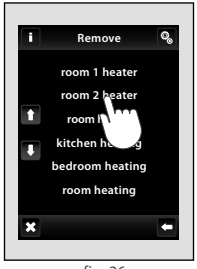


fig. 26

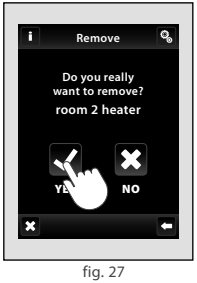


fig. 27

Setting / Programming

Programming is used to assign or remove the actuators / detectors detectors to or from the menu you created.

- Only one name can be assigned for each actuator.
- When programming, actuator must be connected with the installation.

Temperature components and detectors can be paired with the multifunction switch.

Actuators are divided into sections for which they are intended. According to the actuator's type you have to select appropriate section – see table (eg programming actuator RFSTI-11B – find it in the Temperature regulation section).

fig. 28

fig. 29

Division of RF components and their function in programming RF Touch

Temperature regulation

Switch unit with a temperature sensor (flush mounted)	RFSTI-11B	Measures the temperature by using the internal relay. and can also control the heating circuit on the basis of the program set in RF Touch. Control of the heating circuit may be performed using the paired switching components (RFSA-6x).
Wireless temperature sensor	RFTI-10B IN^{X}	Measures temperature with internal sensor and can also control the heating circuit on the basis of the program set in RF Touch. Control of the heating circuit may be performed by using the the paired switching components (RFSA-6x).
	RFTI-10B EXT^{XX}	Measures the temperature from the external sensor and can also control the heating circuit on the basis of the program set in RF Touch. Control of the heating circuit may be performed by using the the paired switching components (RFSA-6x).
Simple wireless temperature controller	RFTC-10/G	Measures the temperature and also can control the heating circuit on the basis of the program set in RF Touch. Control of the heating circuit may be performed by using the the paired switching components (RFSA-6x).
Switch unit with a temperature sensor	RFSTI-11/G KOMBI*	It is primarily designed for floor heating, which is measured by the space temperature sensor. Internal and external sensors monitor the critical temperature of the floor. At the same time the internal relay can be used to control the heating circuit on the basis of the program set in RF Touch using the paired switching components (RFSA-6x).

Switch unit with a temperature sensor	RFSTI-11/G IN^{X}	Measures temperature with internal sensor while using the internal relay to control the heating circuit on the basis of the program set in RF Touch. Control of the heating circuit may be performed by using the the paired switching components (RFSA-6x). Option to set the critical value of the external sensor (floor).
	RFSTI-11/G EXT^{xx}	Measures temperature with internal sensor and can simultaneously via the internal relay control the heating circuit on the basis of the program set in RF Touch. Control of the heating circuit may be performed by using the the paired switching components (RFSA-6x).
Wireless thermo-valve	RFATV-1	Measures the temperature and on the basis the program set in RF Touch opens / closes the radiator valve. Control of the heating circuit may be performed by using the paired switching components (RFSA-6x).
Wireless temperature sensor	RFWB-10/T	Measures the temperature and also can control the heating circuit on the basis of the program set in RF Touch. Controlling the heating circuit may be performed by using the the paired switching components (RFSA-6x).
Wireless temperature sensor	RFTI-10B KOMBI*	It is primarily designed for floor heating, which is measured by the space temperature sensor. Internal and external sensors monitor the critical temperature of the floor. At the same time the internal relay can be used to control the heating circuit on the basis of the program set in RF Touch using the paired switching components (RFSA-6x).

Switching

Wireless switch unit (single-function)	RFSA-11B	Component 1 output channel used to control appliances, sockets, lights and lighting circuits. Single-function design – switch on / off
Wireless switch unit (multi-function)	RFSA-6x**	Switch component (1, 2 or 6 output channels)** used to control appliances, sockets and lights and lighting circuits. Multi-function design – button, impulse relay and time function of delayed ON or OFF with time setting of 2 s – 60 min.
Analog controller	RFDAC-71B	Analog controller with output 0 (1)–10V serves to regulate the temperature components (on / off).
Wireless switch unit with the input (for a pushbutton)	RFSAI-61B	The switching unit with 1 output channel is used for controlling appliances and lights. Multi-function design – button, impulse relay and time function of delayed ON or OFF with time setting of 2 s – 60 min. It is possible to connect the existing button to the internal terminal in the wiring.
Switching socket (multi-function)	RFSC-61	The switched socket with 1 output channel is used to control fans, lamps, heaters and appliances, which are connected by a power cord. Multi-function design – button, impulse relay and time function of delayed ON or OFF with time setting of 2 s – 60 min.
Switch unit for outdoor use (multi-function)	RFUS-61	The switching unit with 1 output channel is used for controlling appliances, sockets or lights. Multi-function design. The increased IP 65 protection is suited to mounting on the wall or in harsh environments such as the cellar, garage or bathrooms....

Switching socket (single-function)	RFSC-11	The switched socket with 1 output channel is used to control fans, lamps, heaters and appliances, which are connected by a power cord. Single-function design – switch on / off.
Switch unit for outdoor use (single-function)	RFUS-11	The switching unit with 1 output channel is used for controlling appliances, sockets or lights. Single-function design - switch ON / OFF. The increased IP65 protection is suited to mounting on the wall or in harsh environments such as the cellar, garage or bathrooms....
Wireless switch unit	RFSFH-61	Wireless switching unit with one output designed for controlling heating panels WIST NG / WIST Elegant NG. The switching component is a triac, which ensures silent switching of the heating panel.
Switching component to control garage doors	RFGA-1	Component for motion control, Marantec

Dimming

R-L-C dimmer (single-function)	RFDA-11B	This dimmer is used to regulate halogen light sources: R, L, C. Single-function - dimming, ON/OFF.
R-L-C dimmer (multi-function)	RFDA-71B	This dimmer is used to regulate halogen light sources: R, L, C. Multi-function 6 light functions - smooth increase or decrease with time setting 2s-30 min.
Analog controller	RFDAC-71B	The analog controller with output 0(1)-10V is used for: a) dimming fluorescent lamps b) dimming LED panels c) control of other controllers Multi-function 6 light functions - smooth increase or decrease with time setting 2s-30 min.
Universal dimmer	RFDEL-71 B/M/F	The universal modular dimmer is used to regulate light sources: R, L, C, ESL and LED. Multi-function 6 light functions – smooth increase or decrease with time setting 2s-30 min.
Dimming socket (multi-function)	RFDSC-71	The dimmed socket is used to control light sources that are connected by power cord - especially lamps. Types of connectible loads: R, L, C, ESL and LED. Multi-function 6 light functions – smooth increase or decrease with time setting 2s-30 min.
Dimming socket (single-function)	RFDSC-11	The dimmed socket is used to control light sources that are connected by power cord - especially lamps. Types of connectible loads: R, L, C, ESL and LED. Single-function - dimming, ON/OFF.

Dimmer for coloured (RGB) LED strips	RFDA-73M -RGB	Dimmer for LED strips used for independent control of one RGB LED strip. Function RGB: • colored light scenes • option of setting brightness in a range of 0–100% • circus mode, used for automatic blending of colors.
	RFDA-73M -White	Dimmer for LED strips used for independent control of one RGB LED strip. Function WHITE: • option of setting brightness in a range of 0-100%.
Wireless coloured bulb	RF-RGB- -LED-550	RGB lamp function: • colored light scenes • option of setting brightness in a range of 0-100% • circus mode, used for automatic blending of colors.
Wireless white bulb	RF-White- -LED-675	White wireless lamp functions: • option of setting brightness in a range of 0-100% • setting color warm white / cold white.

Blinds

Switch unit for shutters	RFJA-12B/ 230V	The switching unit for blinds has 2 output channels used to control garage doors, gates, blinds, awnings, etc. Connection of switched load 2 x 8A (2 x 2.000 W).
Switch unit for shutters	RFJA-12B/ 24V DC	The switching unit for blinds has 2 output channels used to control garage doors, gates, blinds, awnings, etc. Contactless quiet switching.
Switch unit for shutters	RFJA-32B/ 24V DC	The switching unit for blinds has 2 output channels used to control garage doors, gates, blinds, awnings, etc. Contactless quiet switching.

Detectors

Detectors OASIS	JA-81M/82M	JA-81M / 82M is designed to detect the opening of doors, windows, etc.
	JA-80P	JA-80P is designed to detect movement inside buildings.
Wireless twilight switch	RFSOU-1	The wireless twilight dimmer measures the light intensity and based on a set value, it sends the command to switch on the lights or pull the blinds up or down.
Wireless flood detector	RFSF-1B BLOCK	Monitors areas (e.g. bathrooms, basements, shafts or tanks) to provide flood warning. The flood detector immediately sends a signal to the RF Touch. Reacts instantaneous to flooding, while flooding remains the programmed switching component remains closed until a button on the RFSF Prog-1B is pressed.
	RFSF-1B	Monitors areas (e.g. bathrooms, basements, shafts or tanks) to provide flood warning. The flood detector immediately sends a signal to the RF Touch. The RF Touch responds instantaneous to flooding and run-off.
Motion detector	RFMD-100	The motion detector PIR is used to detect persons moving inside the building interior.
Window / Door detector	RFWD-100	The window / door detector is used to detect opening where activation occurs when the magnet and the sensor become separated.

x internal sensor

xx external sensor

* internal and external sensor

** RFSA-6x: single channel component - RFSA-61B, RFSA-61M; dual channel component RFSA-62B and six-channel component RFSA-66M.

NB.: RFSA-62B / RFSA-66M can be used for independent control of two / six appliances, lights, outlets... Each channel has its own address and is programmed separately.

Setting / Programming / Temperature regulation / Assing new

In the required section (Temperature regulation) select Assign new (fig. 30). A list of selected sections actuators will be shown (fig. 31). Select the name of the actuator which you want to associate with the RF Touch. Enter the address of actuator you want to assign – fig. 32 as indicated on the actuator (see page 11). Confirm with OK. From the menu you created, select the name to which the actuator will be assigned (fig. 33). Confirm selection – fig. 34.

The menu is displayed (fig. 35):

- Remove (fig. 40)
  - serves to cancel the link between the temperature unit and thename from the menu Temperature regulation.
- Change of Address (fig. 41)
  - editing / change addresses of assigned actuators.
- Communication test (fig. 42)
  - is used to detect and display the current status of the RF signal between the RF Touch and programmed actuator.
  - press Start to initiate the test, the current status of the signal is displayed in percentage.

  Note: When testing communications the actuator must be connected with the installation. Communication test can not be performed with the components powered by batteries (RFTI-10B, RFTC-10/G, RFATV-1, RFWB-10/T).
- Pair with... (fig. 43)
  - Serves to combine the temperature unit with the multifunction actuator (or RFDAC-71B), where the temperature unit measures the current temperature and the multifunction actuator switches on the Temperature regulation based on the measured temperature. The multifunction actuator switches based on the

fig. 30

fig. 31

fig. 32

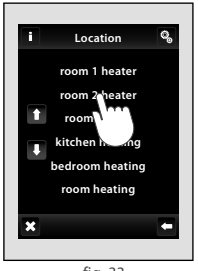


fig. 33

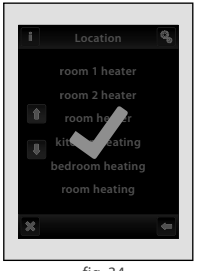


fig. 34

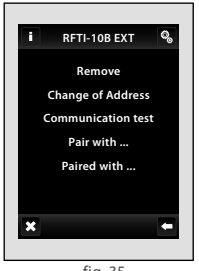


fig. 35

fig. 36

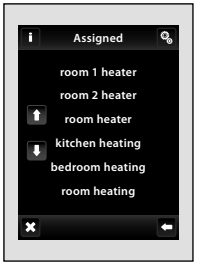


fig. 37

fig. 38

fig. 39

fig. 40

fig. 41

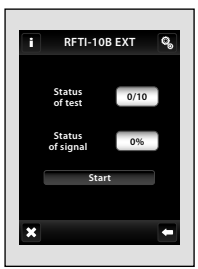


fig. 42

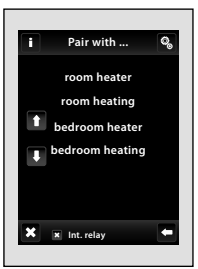


fig. 43

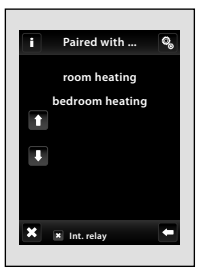


fig. 44

set temperatures in the RF Touch. A single heating component can be paired with up to 10 switches.

Note:

- the attached actuator RFTI-10B can be used in two ways:
  - for temperature measurement (without pairing with a switching actuator)
  - When paired with the multifunction switching actuator (table see page 19 including RFSFH-61 and RFDAC-71B) it can switch heating equipment on the basis of the measured temperature.
- the RFSTI-11B and RFSTI-11/G actuators can set an internal relay that can switch additional heating circuits.

- Paired with... (fig. 44)
  – Shows multifunction switching actuator, which is paired with a temperature actuator. By touching the name of the actuator you can remove a paired actuator.

Note: Due to the warming of the internal relay contact in the product RFSTI-11/G by passing current to the connected loads, it is recommended to adjust the settings to offset this see. "Setting / Temperature regulation" page 32.

Setting / Programming / Temperature regulation / Assigned receivers

It serves to control or remove the actuator from the name of the menu you created. In the selected section select Assigned receivers (fig. 36) a list of names specified in this section will be shown (fig. 37). Touching on the name you will assign it to the actuator (fig. 38).

By pressing arrows you can check the name and address assigned to the actuator (fig. 38—39).

By touching the name or address of the actuator (fig. 39) the menu appears (fig. 35): Remove (fig. 40), Change of Address (fig. 41), Communication test (fig. 42), Pair with... (fig. 43) and Paired with... (fig. 44).

Setting / Programming / Switching, Dimming, Blinds / Assing new

In the required section (Switching, Dimming, Blinds) select Assign new (fig. 45). A list of selected sections actuators will be shown (fig. 46). Select the name of the actuator which you want to associate with the RF Touch. Enter the address of actuator you want to assign – fig. 47 as indicated on the actuator (see page 11). Confirm with OK. From the menu you created, select the name to which the actuator will be assigned (fig. 48). Confirm selection – fig. 49th.

The menu is displayed (fig. 50):

- Remove (fig. 55)
  - serves to cancel the link between the temperature unit and the name from the menu Switching / Dimming / Blinds.
- Change of Address (fig. 56)
  - edit to change the addresses of assigned components.
- Synchronization (fig. 57)
  - the synchronization of the state of the output component for other system components connected within range of the RF signal of the installation.
- Communication test (fig. 58)
  - used to check the location of the element (range and signal quality).

Setting / Programming / Switching, Dimming, Blinds / Assigned reseivers

It serves to control or remove the actuator from the name of the menu you created.

In the selected section (Switching, Dimming or Blinds) select Assigned receivers (fig. 51) a list of names specified in this section will be shown (fig. 52). Touching on the name you will assign it to

fig. 45

fig. 46

fig. 47

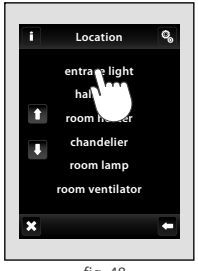


fig. 48

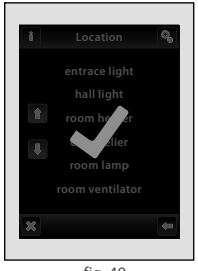


fig. 49

fig. 50

fig. 51

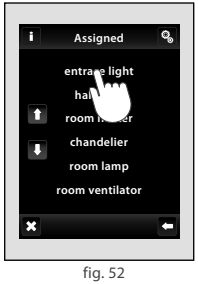


fig. 52

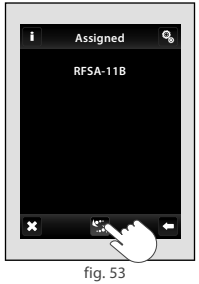


fig. 53

fig. 54

fig. 55

fig. 56

fig. 57

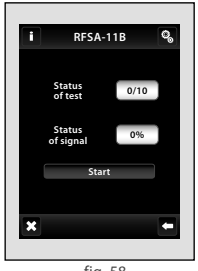


fig. 58

fig. 59

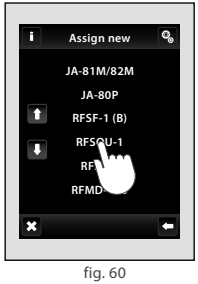


fig. 60

fig. 61

the actuator (fig. 53).

By pressing arrows you can check the name and address assigned to the actuator (fig. 53—54).

By touching the name or address of the actuator the menu is displayed (fig. 50): Remove (fig. 55), Change of Address (fig. 56), Synchronization (fig. 57) and Communication test (fig. 58).

Setting / Programming / Detectors / Assing detector

Section Detectors is intended for assign or remove detectors to menu.

Select Assign detector (fig. 59). The list of detectors will be shown. Select the detector you want assign to the RF Touch unit.

- **Detectors RF** (fig. 60):
  - Enter the address of actuator you want to assign – fig. 61 (as indicated on the actuator, see page 11). Confirm with OK.
  - When programming the RF Touch unit the detector may not be battery powered.

• **Detectors OASIS** (fig. 62):

RF Touch will enable search (fig. 63) – searching icon is shown. RF Touch will recognize new detector when batteries are inserted into the detector. Confirm the assignment by pressing (fig. 64).

Choose a name to which the detector will be assigned (fig. 65).

Pressing arrows can display the name or address associated with the detector (fig. 66—67). When you touch on the name or address of the detector following options appear (fig. 68):

• Remove (fig. 70)
  – used for deleting link between the detector and the name given in the Detector menu.

• Change of Address (fig. 71) (Only RF detectors)
  – edit to change addresses of assigned detector.

• Pair with... (fig. 72—73)
  – paired detector can be paired with the multifunction switching actuator from switching menu, (eg, motion detector with entrance light).

  One detector can be paired with up to 30 multifunction switching actuators.

  If the detector is paired with a switching actuator function of delayed off feature is automatically activated. When detector switch on, actuator switches connected device for preset time (2s–60min). Time delay can be set in the main Menu / Control of the paired actuators (see page 36).

  The above method can be used to assign additional detectors. The RF Touch can be programmed with up to 30 detectors.

  Note: the shortest distance to assign a detector is 1.5m).

fig. 62

fig. 63

fig. 64

fig. 65

fig. 66

fig. 67

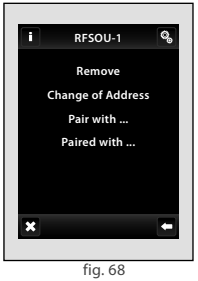


fig. 68

fig. 69

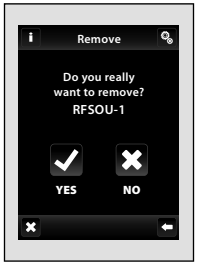


fig. 70

fig. 71

fig. 72

fig. 73

fig. 74

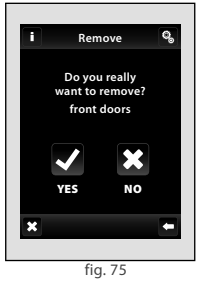


fig. 75

- Paired with... (fig. 74—75)
  - This menu will lists switching actuators, which are paired with the detectors. By touching the name you can remove paired actuator.

Note:

- Detectors RF and two state detectors OASIS (JA-81M, JA-82M) can be used in two ways:
  - information about the status (open / close) – eg window is open(without pairing with a switching actuator)
  - pairing with the multifunction switching actuator, which responds to the detector status (open / close) – eg light is switched on when you open the door.
- Single state detectors OASIS (JA-80P) must always be paired with multi-function actuator.

Setting / Programming / Detectors / Assigned detectors

It serves to control or remove the detector from the name of the menu you created.

In the selected section (Detectors) select Assigned detectors (fig. 69) a list of names specified in this section will be shown (fig. 65). Touching on the name you will assign it to the detector (fig. 66). By pressing arrows you can check the name and address assigned to the detector (fig. 66—67).

By touching the name or address of the detectors the menu is displayed (fig. 68): Remove (fig. 70), Change of Address (fig. 71), Pair with... (fig. 72—73) and Paired with... (fig. 74—75).

Setting / Programming / Quick control / Assing new

Quick control is used for creating a group command, where one-touch control multiple actuators.

For each name of group command you can assign a combination of up to 20 different actors.

Note: Quick control can be set only when all actuators are programmed in different sections of Switching (except RFGA-1), Dimming a Blinds.

In the menu Quick control (fig. 76) choose name from list for the group command (fig. 77).

Select Assign new (fig. 78) it will show group of units (Switching, Dimming, Blinds). Select the section you want to assign for desired group command name (fig. 79). You can create a menu for your device names created in the desired section.

Select the name (fig. 80) and further define the function (fig. 81). Displays to confirm the setting (fig. 82).

The unit will returns to display groups of units for Quick Control (Switching, Dimming, Blinds – fig. 83), where you can continue with programming.

fig. 76

fig. 77

fig. 78

fig. 79

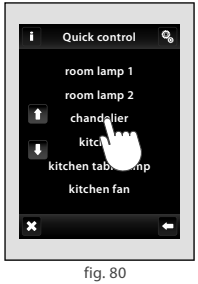


fig. 80

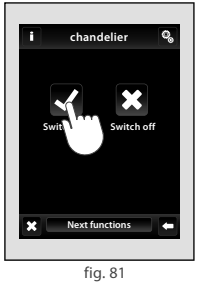


fig. 81

fig. 82

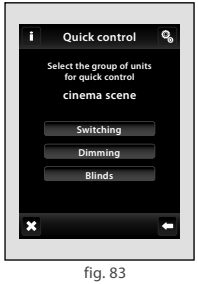


fig. 83

fig. 84

fig. 85

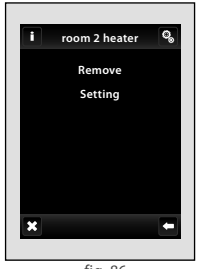


fig. 86

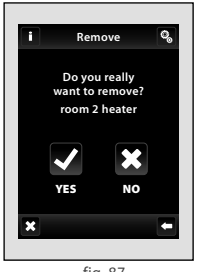


fig. 87

fig. 88

fig. 89

fig. 90

fig. 91

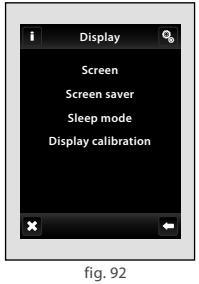


fig. 92

Setting / Programming / Quick control / Assigned receivers

When you select **Assigned receiver** (**fig. 84**) the names of the devices assigned to that command group.

Touching name (**fig. 85**), the device menu is displayed (**fig. 86**):

- **Remove** – serves to remove the component from the command group (**fig. 87**).
- **Setting** – used to change the settings (for Switching – **fig. 88**, at Dimming – **fig. 89***, Blinds – **fig 90**)

* products with different display settings: RFDA-73M-White, RF-RGB-LED-550, RF-White-LED-675: see page 40.

Setting / Display (fig. 91—92)

- **Screen**: select the type of screen background color (black, blue, green, purple).
- **Screen saver**: the desired brightness (25%, 50%, 75%, 100%) will be activated after preset time since the last touch (15 s, 30 s, 1 min, 3 min).
- **Sleep mode**: set the time after which RF Touch screen unit goes to sleep - the screen goes dark (0 min, 10 min, 15 min, 20 min).
- **Display calibration**: crosses appear in every corner of the screen, which need to be pressed twice. Calibration will be performed. Display calibration can also be started by resetting the unit or disconnecting the supply voltage from the unit; after connecting again, the RF Touch logo will appear on the display – hold the logo for more than 3s to activate calibration – touch logo longer than 3 seconds and calibration will be activated. After calibration, the display shows home screen.

Setting /Holiday (fig. 93—94)

Touching on ☑ or ☒ with one press activates or deactivates Holiday mode. Touching the OK confirms. **Holiday mode** is activated on the home screen indicated by the icon:

- 7 – **Weekly program** if it is set any automatic weekly regime runs.
- – **Holiday mode** is set if there is a temporary interruption of the weekly program.

Note: If the holiday mode is activated you can not set a temporary interruption in the weekly program menu (Temperature control, Switching, Dimming, Blinds).

fig. 93

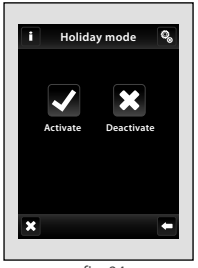


fig. 94

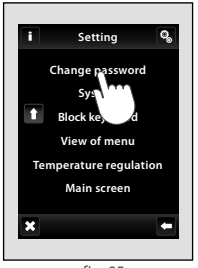


fig. 95

Setting / Change password (fig. 95—97)

Changes the password for **Setup menu**. Enter password – **fig. 96** (default password **1111**) will start the the screen to select a **New password** – where you type and confirm new password. Touch OK to save the new password **(fig. 97)**.

fig. 96

fig. 97

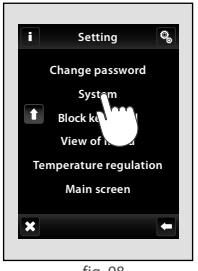


fig. 98

Setting / System (fig. 98—101)

Backup settings / Restore settings: Can be made between the two RF Touch units or the RF Touch and RFAF. First, press the Start button on the device which is receiving the backup then press the Start button on the device from where the backup is being sent. You can interrupt during the data transfer by pressing **Running... (fig. 100).**

After the transfer the status is displayed. After the data transfer is complete to **Restore settings** press the reset button to restart the

fig. 99

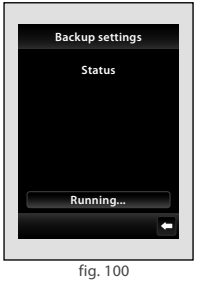


fig. 100

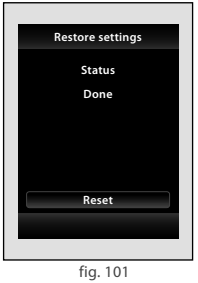


fig. 101

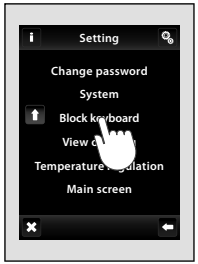


fig. 102

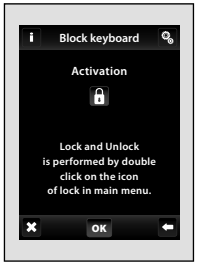


fig. 103

fig. 104

RF Touch (fig. 101).

- Reset: Quickly terminates the operation of the system and restarts again without changing settings.
- Factory default: Factory default: Enter the password 1234 confirm command YES to return the RF Touch unit to factory settings (password can not be changed).

Setting / Block keyboard (fig. 102—104)

Block keyboard: activation serves to prevent accidental or unwanted control of RF Touch.

Touch the icon 🔒 to activate or deactivate the keyboard block. Touch OK to confirm. Automatic lock of the display is performed simultaneously with the start screen saver.

For unlocking locked home screen press the lock icon twice (fig. 104).

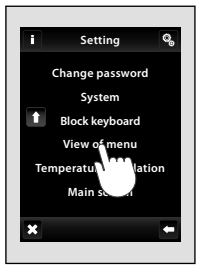


fig. 105

Setting / View of menu (fig. 105—108)

You can set to display only those sections that you want to see in the Main menu (eg: only Dimming, Switching and Detectors – fig. 106—107).

If you select all the default sections ✖, you will only see menu that you created without division into sections – fig. 108, this view is useful if you programmed only a few actuators.

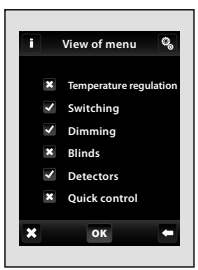


fig. 106

fig. 107

fig. 108

Setting / Temperature regulation (fig. 109—111)

- Temperature units: displays values in °C or °F.
- Hysteresis of heating: settings upper and lower margins in a range of 0.5 ... 5 °C (0.9 ... 9 °F).
- Offset (fix inaccuracies in temperature measurements): settings in the range from -5 to +5 °C (-9 ... 9 °F). Set for each temperature sensor individually.

  Note: Due to warming of internal relay contact in the product RFSTI-11/G, which is caused by current flow of the connected load, it is highly recommended to use the off set settings according to the following correction table, according to the value of controllable power. Off set settings are done in the RF Touch device, for a given heating circuit, to which the device RFSTI-11/G is assigned.
  Offset is set directly on the RFTC-10/G unit.
- Functions: choose the thermostat for the chosen heating circuit: Heating / Cooling / Off (fig. 111).

fig. 109

fig. 110

fig. 111

Connected power	0 VA	250 VA	500 VA	1000 VA	1500 VA	2000 VA
Offset in RF Touch settings	-5 °C	-3.5 °C	-2 °C	-1.5 °C	-0.5 °C	0 °C

Setting / Main screen

Main screen: possibility to personalize home screen (fig. 112—115). Left (1st choice), middle (2nd choice) and right field (3rd choice) is used to set the most common controled devices directly from the Home screen.

Press 1 (2/3). choice of options appear on the display where you select the device you want to view.

- Actual temperature – displays the current temperature measured at the selected component.

Batch change temperature modes:
If you change the temperature control scheme on the default screen. The temperature scheme set in all the rooms change (temperature

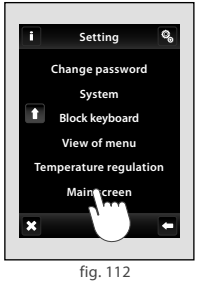


fig. 112

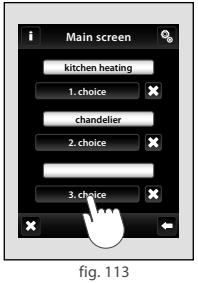


fig. 113

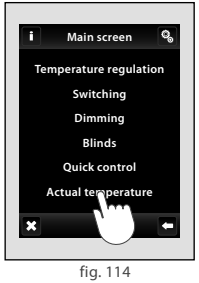


fig. 114

fig. 115

fig. 116

fig. 117

The precedence of the heating modes
Holiday mode
Heating program
Saving, Normal, Party mode
Anti-freeze mode

circuits). The amended scheme in every single room is active until the next change in the set temperature of the plan. (Ie. if it is set to change in a room at 15.00 h in a bedroom in 20.00 h, it returns to the original temperature schedule in the room at 15.00 h but in the bedroom at 20.00 h).

If you want to return collectively to the originally setting of the heating programs, Set **Heating Program** in the default screen – The change is manifested in all rooms.

Main menu / Temperature regulation

Temperature regulation menu is designed for setting controls over heating equipment.

Touching **Temperature regulation (fig. 116)** shows the names of the individual heating circuits and icons **(fig. 117)**:

- **Saving mode** – preset temperature in the range 10 ... 40°C.
- **Normal mode** – preset temperature in the range 10 ... 40°C.
- **Party mode** – preset temperature in the range 10 ... 40°C.
- **Anti-freeze mode** – is designed to maintain the minimum required temperature in a range of 5 ... 15 °C.
- **Heating program** – used to set the heating function and temperature for a week in a range of -20 ... 50 °C.
- **Holiday mode** – is used for temporary interruption of the heating program or other heating mode. During **Holiday mode** the **Saving mode** is activate.

Touching on one of the mode icons activates the selected mode for the assigned room (heating circuit). After activating the applied settings change with the subsequent heating program or holiday mode.

The required temperature may be set manually on the RFTC-10/G unit. This adjustment is valid until the subsequent change of the heating programme in RF Touch.

• **Modifying the present temperature modes** .

By touching the Setting activate editing (fig. 118). Then press the icon , , or (fig. 119) displays a preview of the current measured temperature and set temperature (fig. 120). Press the Setup button, you can adjust with / the set temperature in a given range (fig. 121). Confirm with OK.

RFATV-1 button is displayed – Window detection (fig. 120): function monitors a sharp drop in temperature in the event of an open window and closes RFATV-1 for a preset period (fig. 122).

You can choose 3 levels of open window detection sensitivity, or switch the function off.

- Low sensitivity – drop in temperature by over 1.2 °C / min.
- Intermediate sensitivity – drop in temperature by over 0.8 °C / min.
- High sensitivity – drop in temperature by over 0.4 °C / min.

Button Status shows:

- Window detection – a green dot displays the ongoing stoppage of heating during the set time of inactivity if an open window has been detected.
- Status – "0" means the thermo-valve is functioning correctly, during constant display of different value, contact the manufacturer.

Button Non-operating time – setting the time for which heating is stopped when an open window is detected (10, 20, 30, 40, 50 or 60 min.).

Note: If there are more thermo-valves RFATV-1 in one installation and there are paired to one switching actuator through RF Touch unit, the RF Touch sends the command "to turn off the heating " after the desired temperature is recorded by all thermo-valves.

• **Settings Heating program**

By touching the Setting activate editing (fig. 118). Then press the icon (fig. 123) this will show the menu for setting schedules and

fig. 118

fig. 119

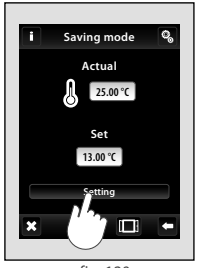


fig. 120

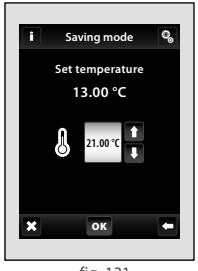


fig. 121

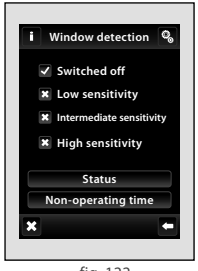


fig. 122

fig. 123

fig. 124

fig. 125

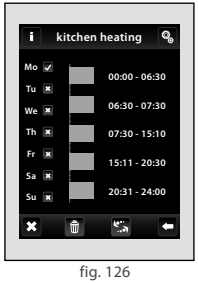


fig. 126

fig. 127

fig. 128

fig. 129

fig. 130

fig. 131

temperatures for the entire week.
Touch-hour time interval (or minutes) to ⌃ indicate the information you want to change. Arrows ⬆ / ⬇ set time for switching – On and – Off. Arrows 🌡 can adjust desired temperature.

Touch of Mo-Sun activate the schedule for desired day of the week. ☑ – active for the day, ☒ – disabled for the day. Confirmation of the selected time schedules OK. If you want to set additional schedule to continue with programming.

Note: For one day you can create up to 5 schedules in the Heating program. Times of programs may not overlap.

Daily overview – arrows will choose between selected time schedules or temperature (fig. 126—127). To remove single time schedule mark time / temperature bar (fig. 127) and then press basket symbol 🗑. If you not choose any heating program bar you will delete 🗑 all programmed schedules for given day.
Weekly overview (fig. 128) – touch the basket symbol 🗑 – to erase all schedule.

RFATV-1 button is displayed – Window detection (fig. 124) – set as above.

Note: RFSTI -11/G KOMBI and RFTI-10B KOMBI touching the icons / set the temperature for internal and external sensors (fig. 125).

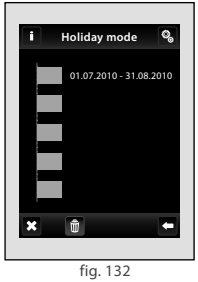


fig. 132

• **Settings Holiday mode**

By touching the Setting activate editing (fig. 118). Touch (fig. 129) to open Holiday mode – Switch on (fig. 130) screen where you set the date, month and year when your Holiday mode should start. Confirm with OK. Holiday mode – Switch off (fig. 131) screen appears where you set the day month and year for the end of holiday mode. Confirm with OK. If you touch the Overview icon you can check list of Holiday programs. (fig. 132).

Note: In one Holiday mode can be assigned up to 5 schedules. Times of programs may not overlap.

Individual deletion of Holiday mode is selected by touching the bar belonging to the program, then touch the icon 🗑 and the schedule will be erased. If you do not mark any bar schedule you can touch the icon 🗑 to remove all scheduled Holiday modes.

Main menu / Switching

Switching menu is for all the devices you want to switch.
Touch Switching (fig. 133) displays the names of your choice created in menu.

Note: Graphical representation of the contact / equipment (green – on, red – off; RFGA-1: green – Door movement, red – the door is stationary) this is for information only and may be influenced by the amount of information processed or combining multiple control units RF Touch and RF Pilot.

RFSFH-1 can not be manually operated, it is designed to be paired with temperature control components.

Touch the desired name (fig. 134) to show basic functions:

- Switch on
- Switch off
- - Weekly program provides weekly settings for the automatic mode switching.
- - Holiday mode is used for temporary interruption of the weekly program.

Note: For efficient regulation of Temperature regulation, it is recommended to pair the RFDAC-71B actor with the RFTC-10/G or RFTI-10B temperature unit.

For multifunctional components, the Next functions button (fig. 137) after the button is pressed the selection of switching functions are available (fig. 138).

- Impulse – first touch switch on, second touch to switch off.
- Button – while you hold down output is closed, after releasing off.
- Delay on – touch will begin to count preset time, after which the actuator switch on.
- Delay off– touch will start to count preset time after which the actuator will switch off.

fig. 133

fig. 134

fig. 135

fig. 136

fig. 137

fig. 138

fig. 139

In the section **Setting time** all times for **Delay on** and **Delay off**. Time delay can be set in the range from **2s to 60 minutes**. Touch-hour time interval (or minutes) to ^ indicate the information you want then change (**fig. 139**). Arrows ⬆ / ⬇ set time. Confirm with OK.

fig. 140

fig. 141

fig. 142

RFGA-1 is displayed (**fig. 141**):

- **Open** – touch to open the garage door.
- **Intermediate position open** – touch to open the garage door to an partially opened position, which is set in the RFGA-1 component.
- **Intermediate position closed** – touch to close the garage door to an partially opened position, which is set in the RFGA-1 component.
- **Close** – touch to close the garage door.
- **Stop** – press to stop the gate.
- After pressing the control buttons , , , or will display information about the direction of travel of the gate(s).

The position of the door is indicated by background colors (**fig. 142**).

fig. 143

fig. 144

fig. 145

Main menu / Switching, Dimming, Blinds / Weekly and Holiday mode

Touch / (Switching **fig. 143**, Dimming **fig. 144***, Blinds **fig. 145**) setup menu will appear.
Touch-hour time interval (or minutes) to ^ mark information you want to change. Arrows ⬆ / ⬇ will set the time of switch **On** and switch **Off**.

* outside RFDA-73B-White, RF-RFGB-LED-550 and RF-White-LED-675

By touching the Mo-Su icon it will activate the schedule on a given day of the week (fig. 146). ☑ – active for the day, ☒ – disabled for the day. To confirm of selected schedule touch OK. If you want to set additional schedule to continue with programming.

Note: For one day you can create up to 5 schedules a week and up to 5 schedules for Holiday mode. Times of programs may not overlap.

Daily (fig. 147) / Weekly overview (fig. 148) shows the daily / weekly overview of schedule.

To delete a time schedule in the Daily overview (fig. 147) indicate the bar want to delete at then press the bin icon 🗑 – to delete it. If you do not select any of the programmed bars and press bin icon 🗑 you will remove all schedules in the day.

Weekly overview (fig. 148) – touch the bin icon 🗑 to clear all schedules.

Note: If Holiday mode is not enabled in Settings (see page 30) – it can not be set here (fig. 143). Component RFGA-1 has Weekly / Holiday mode.

fig. 146

fig. 147

fig. 148

Main menu / Dimming

Dimming menu is for all the lights where you want to control the brightness (load R L, C - 250V).

Touch Dimming (fig. 149) to display a selection of names you created in menu (fig. 150).

Note: Graphical representation of the contact / devices (Green -on, Red -off) is for information only and may be influenced by the amount of information processed or combining multiple control units RF Touch and RF Pilot.

fig. 149

fig. 150

fig. 151

fig. 152

fig. 153

fig. 154

Touch the desired name to displays basic functions*:

- Switch on
- Switch off
- Dimming – A short touch on the arrows / beside icon Dimming will set the desired brightness (fig. 151). Touch OK to confirm. In the case displayed icon – level has been set by other controler (fig. 152).
- - Weekly program provides weekly settings for the automatic mode dimming.
- - Holiday mode is used for temporary interruption of the weekly program.

For multifunctional components, the Next functions button (fig. 151) after the button is pressed the selection of switching functions are available (fig. 153)*.

- Dim up light – touch will start smooth start-up for preset time.
- Dim down light – touch will start smooth run down for preset time.

In the Setting you can set time for Dim up light and Dim down light. Time can be set from 2 s to 30 minutes. Touch the time interval hours (or minutes) to indicate the information you want to change (fig. 154). Arrows / will set time. Confirm setting by pressing OK.

Setup / is the same as Switching menu see page 37th.

* outside RFDA-73M-RGB, RF-RGB-LED-550, RF-White-LED-675.

• **Settings RFDA-73M-RGB and RF-RGB-LED-550**

The Dimming menu (fig. 155) in the displayed list, select the name to which you have paired components RFDA-73M-RGB or RF-RGB-LED-550 (fig. 156).
Touch the required name, it will be displayed (fig. 157):

- long press (>3s) ON/OFF button to turn on or off. Activated control is indicated by inverted colors (fig. 158).
- button to decrease the brightness intensity, short touch changes the brightness in steps of 5% intensity.
- **0%** - set the brightness intensity
- button to increase the brightness intensity, short touch changes the brightness in steps of 5% intensity.
- button for manual color control, light color is adjustable on the scale.
- button to illuminate in white.
- CIRKUS – function enables automatic spillover of RGB colors.

• **Settings RF-White-LED-675**

In the displayed list of the Dimming menu, select the name to which you have paired the RF-White-LED-675 component (fig. 159).
Touch the required name, it will be displayed (fig. 160):

- long press (>3s) ON/OFF button to turn on or off. Activated control is indicated by inverted colors (fig. 161).
- button to decrease the brightness intensity, short touch changes the brightness in steps of 5% intensity.
- **0%** - set the brightness intensity.
- button to increase the brightness intensity, short touch changes the brightness in steps of 5% intensity.
- Option to set warm / cold light colors on the scale. Light color is displayed in arc.

fig. 155

fig. 156

fig. 157

fig. 158

fig. 159

fig. 160

fig. 161

fig. 162

fig. 163

fig. 164

fig. 165

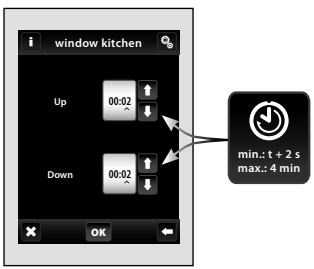


fig. 166

Blinds menu is designed to control all shutters, blinds, awnings, gates and garage doors that have a built-end switch.

Touch the Blinds (fig. 162) to display selection of names you created in menu (fig. 163).

Note: Graphical display of device status (green – closed blinds, red – open blinds) it is only for information and may be influenced by the amount of information processed or combining multiple control RF Touch and RF Pilot units.

Touch the desired description / name of the device to display features (fig. 164):

- Up
- Down
- Setting (RFJA-32B/24VDC does not set the pass time – fig. 165)
- - Weekly program provides weekly settings for the automatic mode.
- - Holiday mode is used for temporary interruption of the weekly program.

First you need to measure time "t" which your device needs to fully open / close.

Touch Up icon (fig. 166) for more than 3 seconds to put device into the end position. Then touch Down icon longer than 3 seconds to retract indicate the device while in motion, measure time "t" – a period during which the equipment is in motion.

Under Setting you touch on a time interval of hours (minutes) mark ^ information you want to change. Arrows / set measured by time "t" + 2s pulling into the field and the same time and in the field of load (fig. 166). Confirm the time by pressing OK.

The time set for Up / Down can not be less than the measured time “t” + 2s longer than 4 minutes. The adjusted time for Up and Down may vary.

A short touch on Up / Down can control the devices in the desired direction. Touch longer than 3 devices place the desired end position.

Setup / is the same as the Switching menu see page 37.

Note: Setting the Inversion function: touch / in the Weekly programme to set the initial movement of the roll-up blinds (fig. 167—168).

fig. 167

fig. 168

Main menu / Detectors

The menu Detectors is used for the visualisation and switching of devices using detectors.

By touching the option Detectors (fig. 169) you will display the list of names on the detector menu that you have created (fig. 170).

fig. 169

fig. 170

fig. 171

- **Detectors RF**

There is a graphic display of the detectors contact* (green – on, red – off). By touching the name of the detector you will display the name of the switching actuator with which the detector is paired. (fig. 170—171).

Note: The function of Delayed Switch Off is automatically allocated to the detector. The time delay is set for the paired actuator.

- **Detectors OASIS – Single State** (JA-80P – motion)

Detectors do not feature state visualization and they are designed for pairing with the multifunctional switching actuator. By touching the name of the detector you will display the name of the switching actuator with which the detector is paired (fig. 172—173).

Note: The function of Delayed Switch Off is automatically allocated to the detector. The time delay is set for the paired actuator.

fig. 172

fig. 173

fig. 174

fig. 175

fig. 176

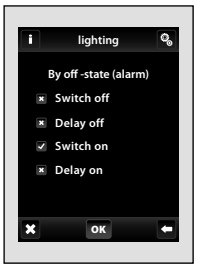


fig. 177

- **Detectors OASIS – Double State** (JA-81M - doors; JA-82M – windows)

There is a graphic display of the contact* (green – on, red – off). Detectors may be used in two ways:

- information regarding the state (On/Off) – e.g. open window (without pairing with the switching actuator)
- pairing with the multifunctional switching actuator (On/Off) – e.g. light switched on when door opened. By touching the name of the detector you will display the name of the switching devices with which the detector is paired. By pressing the name of the switching device you will display the selection (fig. 174-177):

  By on-state (calm) / By off-state (alarm):
  - Switch off – switched off without delay.
  - Delay off – switches off after the time period set in the Switching settings.
  - Switch on – switches on without delay.
  - Delay on – switches on after the time period set in the Switching settings.

  Confirm by pressing OK.

Note: The time delay is set for the paired actuator.

* Graphical representation of contact is for information only.

fig. 178

fig. 179

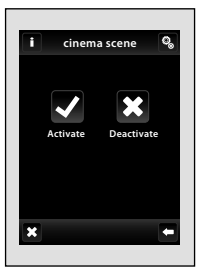


fig. 180

Main menu / Quick control

Quick control menu serves to control groups of devices.

Touch Quick control (fig. 178) to display the name selection of your custom menu (fig. 179). Touch the name to display the following options (fig. 180):

- Activate – displays set scenes.
- Deactivate – the OFF function will be executed on all active actuators.

With consideration to the transmission of the RF signal ensure that RF components are suitably located in the building where the device is to be installed. The RF Control system must only be installed in indoor areas. The device has not been designed for outdoor use or use in moist environment, it must not be installed in metal distribution boxes and plastic distribution boxes with metal doors as this would prevent the transmission of the radio frequency signal. RF Control is not recommended for the control of devices providing for vital life functions or for the control of risk devices such as pumps, electrical heaters without heat regulators, lifts, pulleys etc. – radio frequency transmission could be hampered with an obstacle, interfered with, the transmitter battery may become depleted etc. thus disabling the remote control. Not suitable for use in industrial environment.

Do not expose to extreme temperature changes. In case of extreme temperature changes allow approx. 2 hours prior to installation for the RF Touch to adjust to the temperature of the installation location. This will prevent condensation of moisture in the device and the occurrence of a potential short circuit.

Keep flammable materials away from the device.

The graphic indication of the contact / device status (red / green LED) is only for information and may be influenced by the amount of processed information or the combination of more RF Touch and RF Pilot control units.

Safety functions in RFSTI-11B and RFSTI-11/G actuators: the actuators disconnect the output in case of an accidental communication failure exceeding 25 minutes.

Installation Manual Rev. 3 RF Touch is designed for FW version 2.42 and higher.

After powering up the startup screen displays red text and the RF Touch logo will not appear	contact the manufacturer
Display incomplete – control impossible	calibrate the device (disconnect the power supply, after reconnecting hold the logo RF Touch, finish the calibration by touching twice the cross signs that appear in each corner of the screen)
Instead of showing temperature – xxx	Component / device not programmed Component / sensor faulty Communication failed
Have you lost the password?	please ask the manufacturer for information about further steps

Warning is displayed in case of incorrect or incomplete entry.

Warning	Procedure
It is possible to define a maximum 40 rooms.	In each group (temperature control, switching, dimming, blinds) the names of up to 40 rooms can be entered
The same room has already been included in this group.	Enter another name
Upload failed.	Repeat entry
Could not delete it.	Repeat entry
Full address must be entered.	Check and enter the correct address
Address is used.	Check and enter the correct address
In the room, the unit is already assigned. Choose another unit.	Only one actuator can be allocated to one name of device (outside Quick Control)
There is not any unit in this room!	Assign the desired actuator
No assigned unit.	Assign the desired actuator
In the list of units the address is already occupied. Choose another address.	Check and enter the correct address
Unit is already programmed with another.	To one heating circuit You can enter 10 actuators
It is possible to define a maximum of 30 detectors.	The names of up to 30 detectors can be assigned to one group
In the room, the detector is already assigned. Choose another room.	Only one name can be assigned to one detector
In the list of detectors the address is already occupied.	Check and enter the correct address
Programming with unit failed.	Check the location of the detectors (see Detector instructions)
It is possible to program a maximum of 14 units.	No more than 14 rooms in Quick control
It is possible to define a maximum of 20 units to one group fast control.	No more than 20 units can be entered in Fast control for one room

Warning	Procedure
To pair with the unit only 6x actuator series can be selected.	Pair only with multifunction switch
To pair with the detector only 6x actuator series can be selected.	Pair only with multifunction switch
Time, switch ON , cannot be set later than , Time, switch OFF!	Enter new settings
It was not selected day!	Enter new settings
In one day are overlapping two time programs!	Enter new settings
In one day is not available any time program!	No other programme can be entered
All 5 programs are busy!	No other programme can be entered
Date switch ON cannot be the same as date switch OFF!	Enter new settings
Date switch ON cannot be later than date switch OFF!	Enter new settings
In unit RFTC-10/G is possible set up offset only direct on unit.	See instructions RFTC-10/G

Serial no.	Description / name of the controlled device	Actuator name	Actuator address	Serial no.	Description / name of the controlled device	Actuator name	Actuator address
1.				21.			
2.				22.			
3.				23.			
4.				24.			
5.				25.			
6.				26.			
7.				27.			
8.				28.			
9.				29.			
10.				30.			
11.				31.			
12.				32.			
13.				33.			
14.				34.			
15.				35.			
16.				36.			
17.				37.			
18.				38.			
19.				39.			
20.				40.			