

## 1 Description

InelNet is a control unit for INEL radio devices - tubular motors and radio controllers (receivers). The devices can be controlled locally (local area network LAN) or remotely over the Internet.

The control unit can be operated using a smartphone or a tablet device using our free **InelNet** app. Download our free InelNet app from Google Play Store (for Android devices) or App Store (for iOS devices).

The system configuration is straightforward.

The control unit communicates with the receiver by radio on selected channels. Each receiver is assigned a unique channel number by the user. Users can assign a channel number, name and location within the building for easy and intuitive operation.

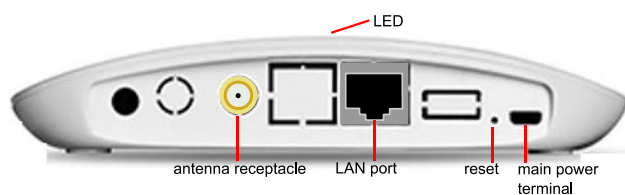
The control unit can also be used as a multi-channel remote control (up to 99 channels).

A device (receiver) can be controlled by the control unit after the channel is registered to the device. The channels are registered only once during the installation. A user interface allows to create device groups and schedules.

Users can create up to 50 groups of devices of the same type for simultaneous control.




The devices and groups of devices can be controlled manually using a smartphone or automatically with custom schedules.

## 2 Connecting the control unit to home LAN



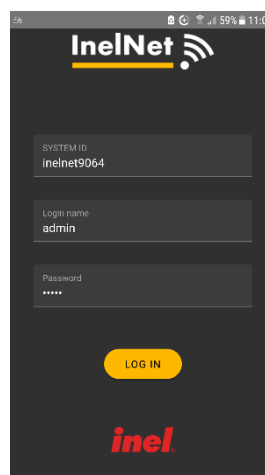
Procedure:

- ✓ connect the power supply to the control unit
- ✓ connect the LAN port of the control unit to the LAN port of the router with Ethernet cable. The device operation mode is indicated by an LED:


LED colour		Standby
Red blinking		No router connection
Red lit		Network connection, no Internet access
Green lit		Network connection, Internet access

### 2.1 First connection with central unit via home Wi-Fi

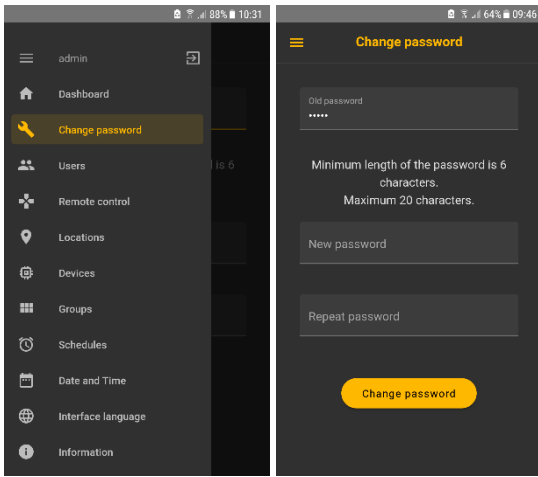
- ✓ start **InelNet** app - a log in screen is displayed
- ✓ in the log in screen, enter **SYSTEM ID** (see label at the bottom of the control unit, e.g. **inelnet1075**)
- ✓ in the Login name field enter: **admin**
- ✓ in the Password field enter: **admin**
- ✓ press **LOG IN**



After logging in for the first time, it is recommended to change the Admin password to a secure password.

- ✓ press  to enter the main menu
- ✓ press **Change password**
- ✓ fill in all fields: **Old password, New password, Repeat password**
- ✓ press **Change password** to confirm

Connection via home Wi-Fi allows to set all the parameters detailed in section 4.







position, raising and lowering. Users can also enable or disable schedules.

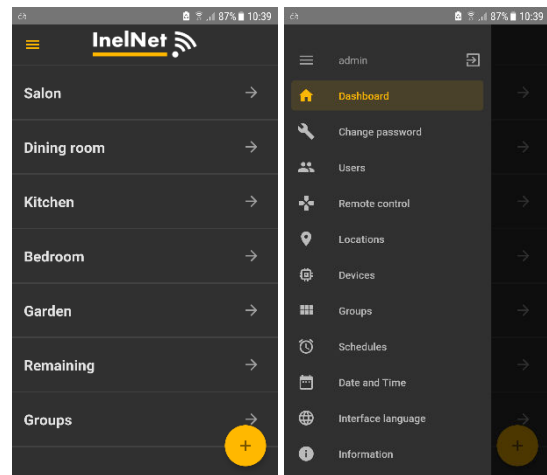
*User account can be accessed both locally and remotely over the Internet.*

Users can change the password on their account (see [5.3 Changing a password](#)). Admin can set a new user password (see [4.7 Users](#)).


## 4 Admin settings


After logging in to the Admin account, a **main screen** is displayed. Press  in the top left corner of the screen to access the **Settings** screen. Press the menu item to select. Press  to return to the **Settings** screen.

Press  to log out. Press  to return to the previous screen.



Quick add function for: **Groups, Locations, Schedules, Devices** and **Users** is also available

in the main screen by pressing  - an additional Add menu is displayed.

Press  to close the menu.

## 3 User accounts and permissions

### 3.1 Administrator account (admin)

Admin is a user with the highest technical competencies among the household members responsible for configuration of the control unit.

Admin is a user role with the most permissions including adding or removing user accounts (household members), configuring the system, adding locations, devices, schedules and device groups.

Default admin login details:

Login name: **admin**  
Password: **admin**

After logging in for the first time, it is recommended to change the Admin password to a secure password.

Press **Reset** (through a hole in the rear panel) using a pin to restore the default Admin password. Red LED will blink 3 times to confirm password reset.

*Admin account can only be accessed locally (LAN).*

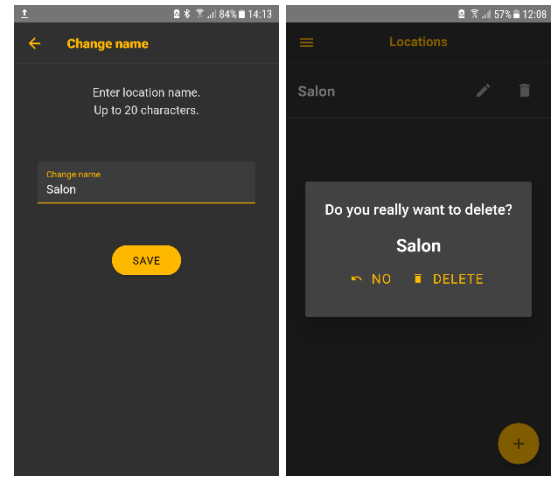
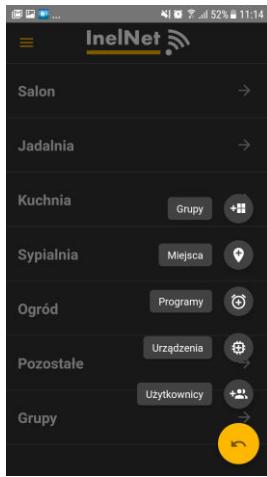
As a safety precaution, Admin cannot log in over the Internet.

### 3.2 User account

Admin must create a user account to log in over the Internet. Admin can create user accounts for other household members.

Users accounts have limited permissions compared to the admin account.

Users can control the connected devices. Depending on device type, control functions may include switching on, switching off, opening, closing, stopping, changing slat




The **Settings** menu items are described below in the recommended setting order.

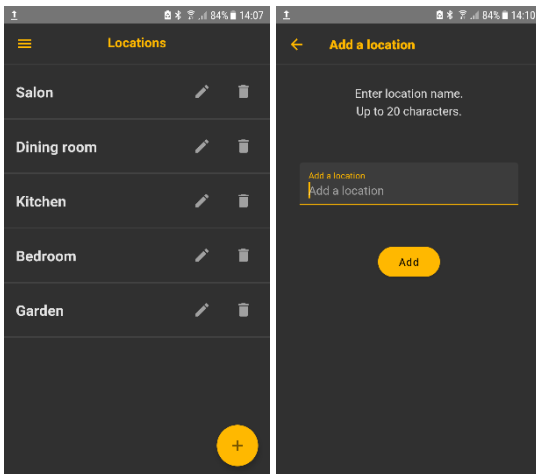
## 4.1 Locations

The devices can be assign a **Location**, and instead of a long list, they can be grouped into folders corresponding to their actual location (e.g. specific rooms). It also simplifies the device names.


Select **Locations** in the **Settings** screen to add, change name or delete location.

### Adding a new location


- ✓ in the **Locations** screen, press 
- ✓ in the **Add a location** screen, enter the location name
- ✓ press **Add** to confirm



### Changing a location name

- ✓ press the pencil icon  next to the location name
- ✓ enter new name
- ✓ press **SAVE** to confirm


### Deleting a location

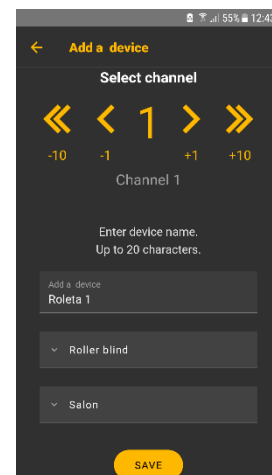
- ✓ press the bin icon  next to the location name to delete
- ✓ press **DELETE** to confirm

## 4.2 Devices


In the **Devices** menu, you can add or remove devices, change name and location.

### Adding a new device


- ✓ in the **Devices** screen, press 
- ✓ in the **Add a device** screen,
  - select **channel** or leave the default value
  - enter device name
  - select device type
  - select location
  - press **SAVE** to confirm




### Changing a device name

- ✓ in the **Devices** screen, press the pencil icon 
- ✓ in the **Change name** screen, enter new name
- ✓ press **SAVE** to confirm

## Changing a device location

- ✓ in the **Devices** screen, press the pencil icon 
- ✓ select a new location from the list
- ✓ press **SAVE** to confirm


## Deleting a device

- ✓ in the **Devices** screen, press the bin icon 
- ✓ press **DELETE** to confirm

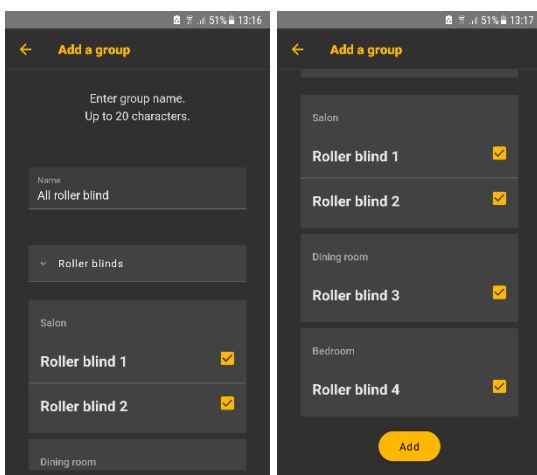
## 4.3 Groups

You can create groups of **devices of the same type** in the **Settings / Groups** menu for simultaneous control.

### Adding a new group

- ✓ in the **Groups** screen, press 
- ✓ in the **Add a group** screen, enter group name and select group type
- ✓ all devices of the same type will be displayed ; select the devices to include in a group and press **Add** - a new group will be displayed in the **Groups** screen

A new group is created - **All roller blind** - including all the roller blinds in the building.



### Changing a group name

Group names can be changed in the same way as location names.




### Deleting a group










Groups can be deleted in the same way as locations.

## 4.4 Schedules

In the **Settings / Schedules** menu, you can add and change schedules for automatic activation of devices at a preset time.

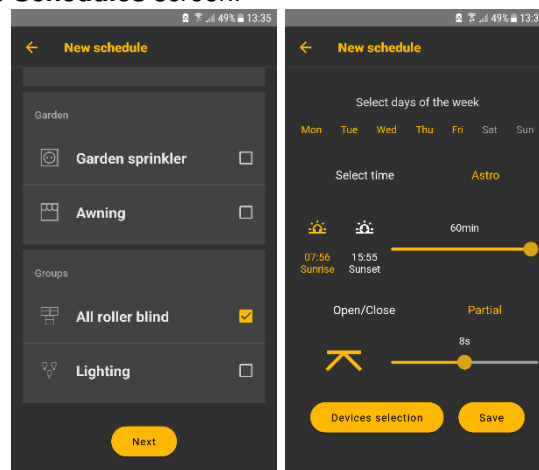
### Creating a schedule

- ✓ in the **Schedules** screen, press 
- ✓ select one device or one group
- ✓ press **Next**
- ✓ in the next screen, select:
  - days of the week (Monday to Friday are selected by default; press to enable/disable)
  - date and time - set hours and minutes or press sunrise  or sunset  icon - sunrise and sunset times will be set for the selected location. Schedule run time can be set before (up to -60 minutes) or after (up to 60 minutes) the sunrise/sunset.
  - action:


Roller blind, shutter blind	 open	 close
Roller blind	 partial*	
Awning	 open	 close
Socket	 off	 on
Light	 off	 on

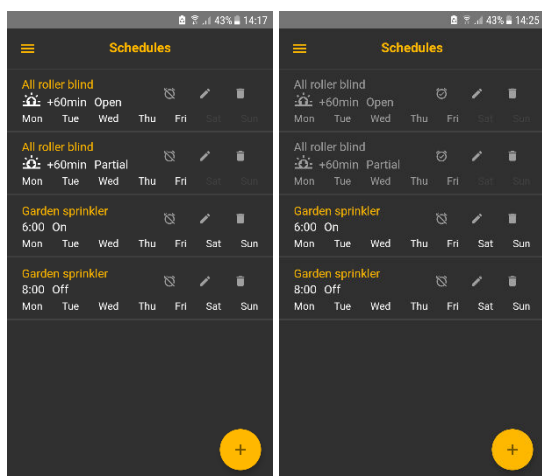
\* The partial opening function leaves gaps between the roller blind slats after it is completely closed. Gap size can be set from 1s to 15s.

- ✓ Press **Save** - the schedule is added to the list in the **Schedules** screen.



Schedules can be enabled, disabled, modified or deleted. Press the relevant symbol next to the schedule in the **Schedules** screen to access those options.


The schedule disabled by pressing the crossed alarm clock icon  will be greyed out in the list in the **Schedules** screen.



### Modifying a schedule

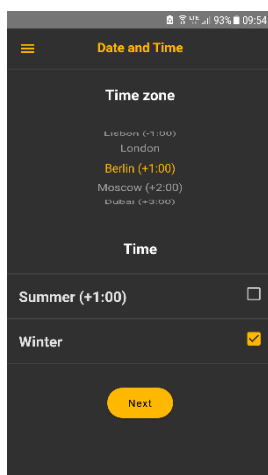
Press the pencil icon  to modify the schedule.

### Deleting a schedule

- ✓ . Press the bin icon  and press **DELETE** in the next screen to delete the schedule.

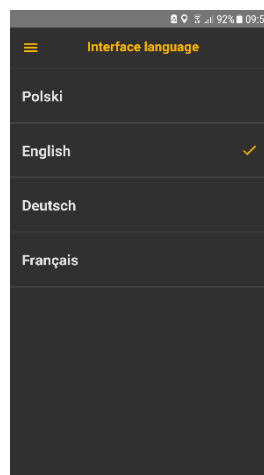
## 4.5 Date and time

Date and time are set automatically after connecting to the Internet. The Admin selects a time zone and daylight saving time in the **Settings** screen.



## 4.6 Interface language

In the **Settings / Interface language** menu, you can select the interface language.




## 4.7 Users

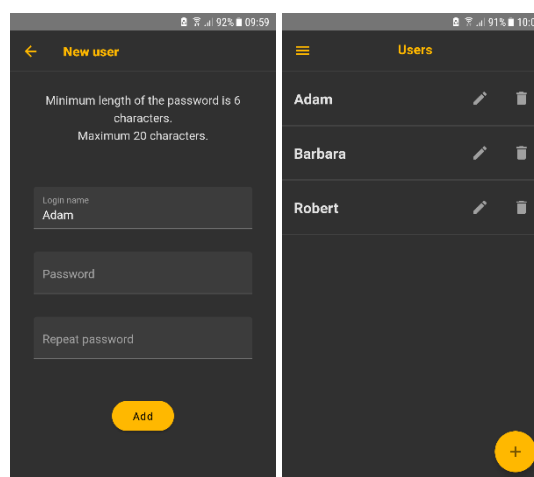
You can add or delete users and set passwords in the **Settings / Users** menu.

Admin can create up to 10 new user accounts.


### Adding a new user

In the **Settings** menu, select **Users**:

- ✓ in the **Users** screen, press 
- ✓ in the **New user** screen:
  - enter login details (username)
  - enter password
  - confirm new password
  - press **Add** to confirm



### Changing a password

- ✓ press the pencil icon  next to the username
- ✓ in the username screen, enter new password
- ✓ confirm new password

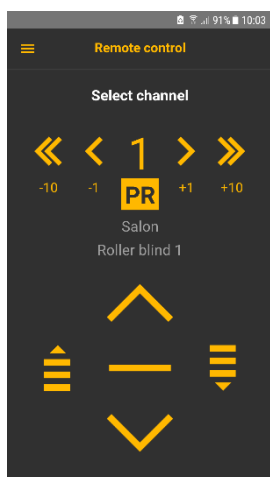
- ✓ press **Change password** to confirm

## Deleting a user

- ✓ press the bin icon  next to the username
- ✓ press **DELETE** to confirm

## 4.8 Remote control

Select **Remote control** in the **Settings** screen to display an on-screen remote control. Using the remote control, you can register channels to all available receivers (motors, controllers). Registering channels, see [6 Registering remote control channels to a receiver \(motor, controller\)](#).

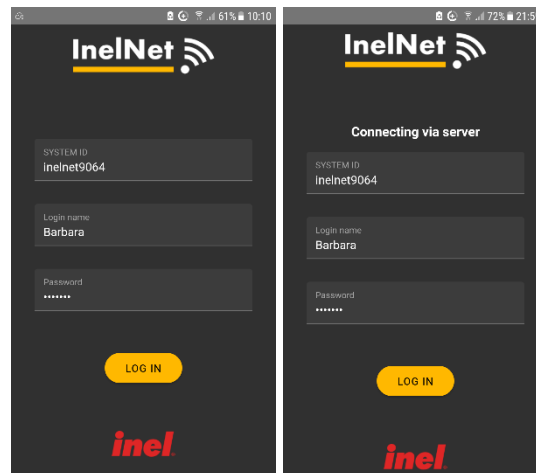


## 5 Access and device control by the user

User can log in to the account via a home Wi-Fi (left screen) or remotely via the Internet (right screen).

To log in:

- ✓ start **InelNet** app - a log in screen is displayed
- ✓ in the log in screen, enter **SYSTEM ID** (see label at the bottom of the control unit, e.g. **inelnet9064**)
- ✓ in the Login name field enter your login name provided by the Admin
- ✓ in the Password field enter your password provided by the Admin
- ✓ press **LOG IN**



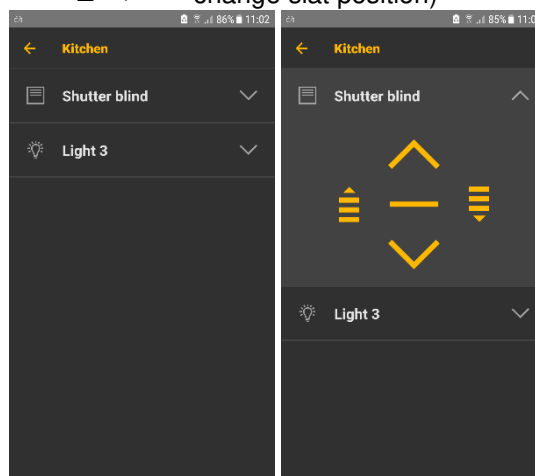
After logging in, the user can control the devices manually, enable or disable schedules configured by the Admin.

### 5.1 Manual device control

Log in to your user account to access the main screen



- select a location (**Kitchen** in the example)
- in the next screen, select a device (**Shutter blind** in the example)
- a remote control screen is displayed with buttons to control the shutter blind (
  - ^ - up, v - down, — - stop,
  - ≡ ≡ - - change slat position)



Each device type (roller blind, shutter blind, light, socket, awning, gate) has an easy to use on-screen remote control.

A group of devices can be controlled using the on-screen remote control by selecting **Groups** and a group name (**All roller blind** in the example)


### 5.2 Using schedules

Schedules, see [4.4 Schedules](#)

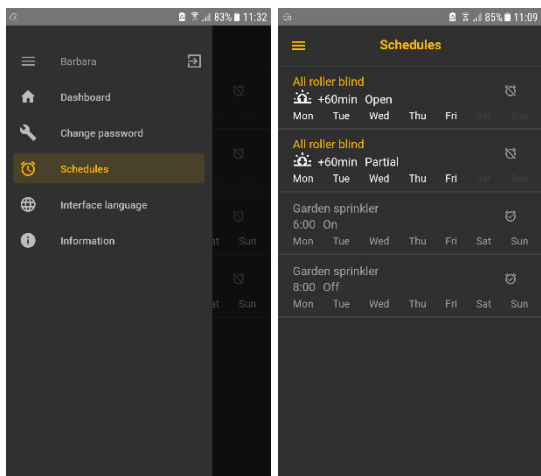
Users cannot delete schedules. Users can enable or disable schedules.

## Disabling a schedule

In the **Settings** menu, select **Schedules**:


- ✓ in the **Schedules** screen, press the crossed alarm clock icon  next to the schedule name to disable

The disabled schedule will be greyed out in the list.



## Enabling a schedule

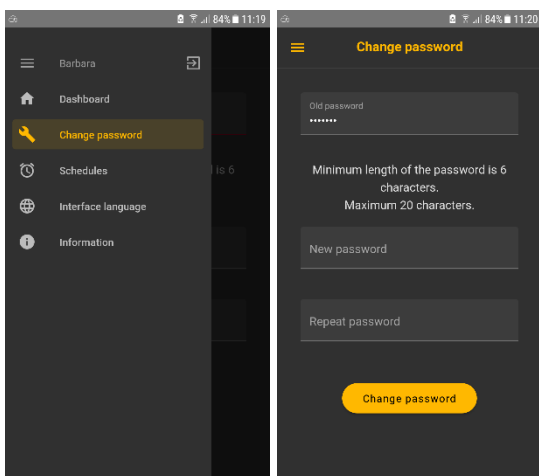
In the **Settings** menu, select **Schedules**:

- ✓ in the **Schedules** screen, press the alarm clock icon  next to the schedule name to enable

## 5.3 Changing a password

To change the password:

- ✓ in the **Settings** screen, select **Change password**:
  - enter old password
  - enter new password
  - confirm new password
  - press **Change password** to confirm



*If the old password is lost, a new password can be set by the Admin.*

## 6 Registering remote control channels to a receiver (motor, controller)

Log in to Admin account.

The channels can be controlled via InelNet control unit by registering the channel to a specific motor or a controller.


How to access the programming mode:

- Initial programming after power on (radio-controlled motor, ST-01RL),
- ST-01R controller programming,
- Programming with a previously registered remote control (radio-controlled motor, ST-01RL, ST-01R).


### 6.1 Initial programming of radio-controlled motors and ST-01RL controllers:



**NOTE:** All previously registered remote controls will be deleted.

- Connect 230 VAC power supply to the motor/controller.
- Within 10 seconds from power on, press the programming button **PR** on the on-screen remote control. The roller blind will move up and down.
- Within the next 10 seconds, press  on the selected on-screen remote control channel. The roller blind will move up and down to confirm that the channel has been registered.


### 6.2 Programming an ST-01R controller:

- press S1 on the controller; green LED will blink and light up,
- press  on the on-screen remote control; LED will blink green and red to confirm that the remote control has been registered.


### 6.3 For a previously registered remote control

When a previously registered remote control is available, other remote controls can be registered without switching the power off.

Switch the drive/controller to the programming mode with a previously registered remote control. Press **PR** the registered remote control channel; the roller blind will move up and down and then make a series of short up and down movements (the number of movements corresponding to the number of registered remote controls).

- within the next 10 seconds, press  (UP) for a new channel or a new remote control.

## 6.4 Changing the roller blind direction

To change the roller blind direction (roller blind direction does not match the direction on the remote control), press **PR** on the on-screen remote control and press  "Stop".

## 7 Required devices

Device type	Required motor/controller type
Roller blind	<ul style="list-style-type: none"> <li>○ Motor: *35R-10/17, *35PR-10/17, *35RE-10/17, *45R-20/15, *45PR-20/15, *45RE-20/15, *45R-40/15 or</li> <li>○ Any wired motor + ST-01R (ST-01RL / ST-01RN)</li> </ul>
Shutter blind (50 mm)	<ul style="list-style-type: none"> <li>○ *35R-10/17 or</li> <li>○ Any wired motor + ST-01R (ST-01RL)</li> </ul>
Light	ST-01RS
Socket	ST-01RS
Awning	<ul style="list-style-type: none"> <li>○ *45R-40/15 or</li> <li>○ *45R-50/12</li> </ul>
Roller door	<ul style="list-style-type: none"> <li>○ *45R-50/12 or</li> <li>○ *59M-100/12 + CRS435XG or</li> <li>○ *59M-140/7 + CRS435XG</li> </ul>
Driveway gate Garage door	ORS-X2T (ORS-X1T) (radio link to the existing gate control unit)

\*=YYGL, GM, TM

## 8 Waste disposal



Do not dispose of with household waste. Dispose of waste according to applicable legislation. Households play a key role in the recycling of waste electrical and electronic equipment. Waste sorting, including waste equipment and batteries, guarantees that the equipment is not disposed of with household waste but is handed over to a designated collection point for the recycling of waste electrical and electronic equipment.



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