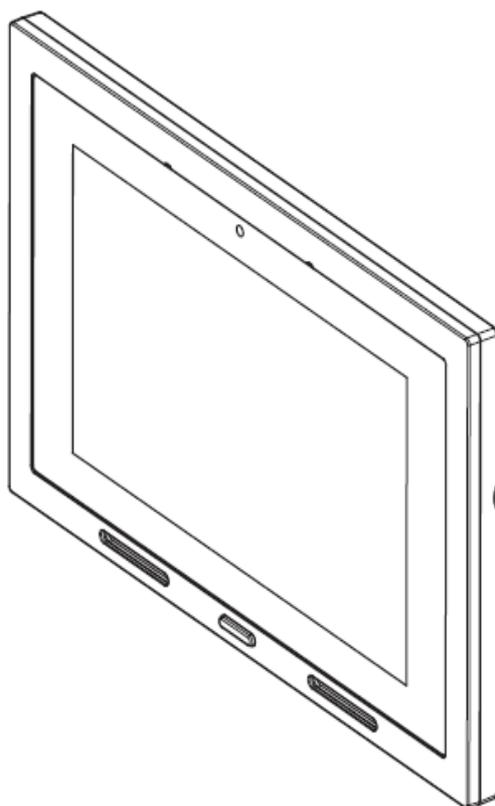


## IP 7" TOUCHSCREEN MONITOR

**Ref. 1717/31 (White)**

**Ref. 1717/33 (Black)**



**max**

**INSTALLER MANUAL FOR THE HOME AUTOMATION SECTION**

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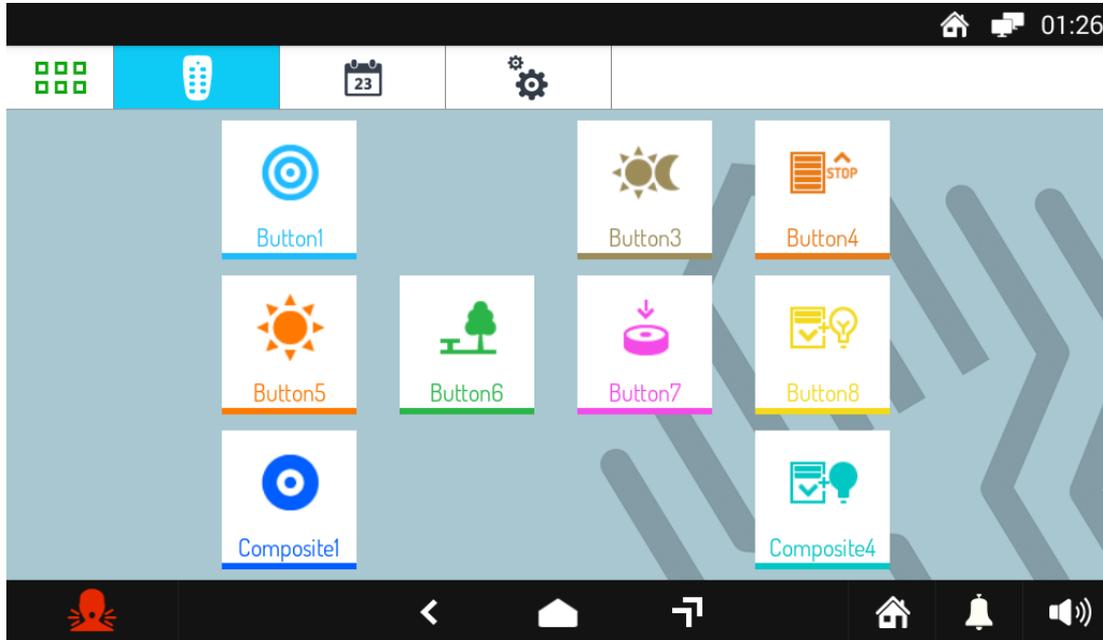
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# 1 Buttons Configuration

The end user will be able to use up to a maximum of 12 virtual buttons to control individual outputs or scenarios:



These buttons are divided in 2 groups: the first 8 (Yokis buttons) and the last 4 (Composite buttons).

## Yokis Buttons

These are the first 8 buttons, perfectly equivalent to the 8 buttons in a Yokis remote control model TLC8CP. They allow for timely control or implementation of first-level scenarios.

## Composite Buttons

These are 4 additional logic buttons obtained by 'grouping' several Yokis controls in order to create instant or timed second-level scenarios.

In the configuration phase, the required Yokis buttons should be configured first, followed by Composite buttons.

## 1.1 Yokis Buttons Configuration

There are three possible modes. Installers can choose the one most suited to their requirements.

### A) Yokis Buttons Direct Configuration

The (virtual) Yokis Buttons can be entirely configured directly via the monitor.

The advantage consists in a more user-friendly configuration via a wizard-type interface: the monitor automatically manages the necessary pulses for Yokis button configuration.

It is necessary to press the 'Connect' button on the receivers in this step.

### B) Yokis Buttons Configuration via remote control

When a physical remote control TLC8CP is used, its 8 (or less) buttons can be configured so as to control home automation. Then, the physical remote control is 'copied' to the (virtual) Yokis Buttons on the apartment monitor (or multiple apartment monitors).

The advantage in this case is given by the fact that it is easier to reach the receivers in order to implement the required 'Connections' (pressing the 'Connect' button on the receivers).

For the physical remote control configuration it is necessary to proceed with the correct pulse number on 'Connect' button, as mentioned in the tables.

The manuals supplied with the receivers and the remote control should be used for reference. The Yokis Radio Quick Installation Guide should also be referred to.

C) Mixed configuration

A TLC8CP remote control is used only to establish the required 'Connections' with the receivers (by pressing 'Connect'). Then the remote control is 'copied' to the (virtual) Yokis Buttons of the monitor.

Finally, the Yokis Buttons configuration is completed via the monitor.

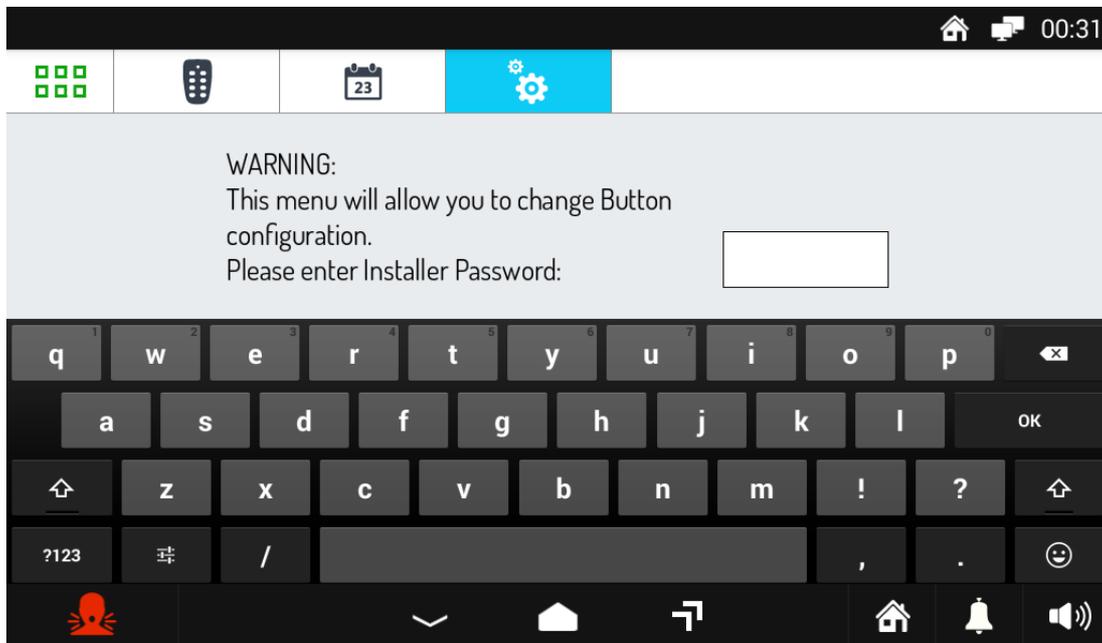
In this way, the advantages offered by the solutions A and B are combined.

### 1.1.1 Yokis Buttons Direct Configuration

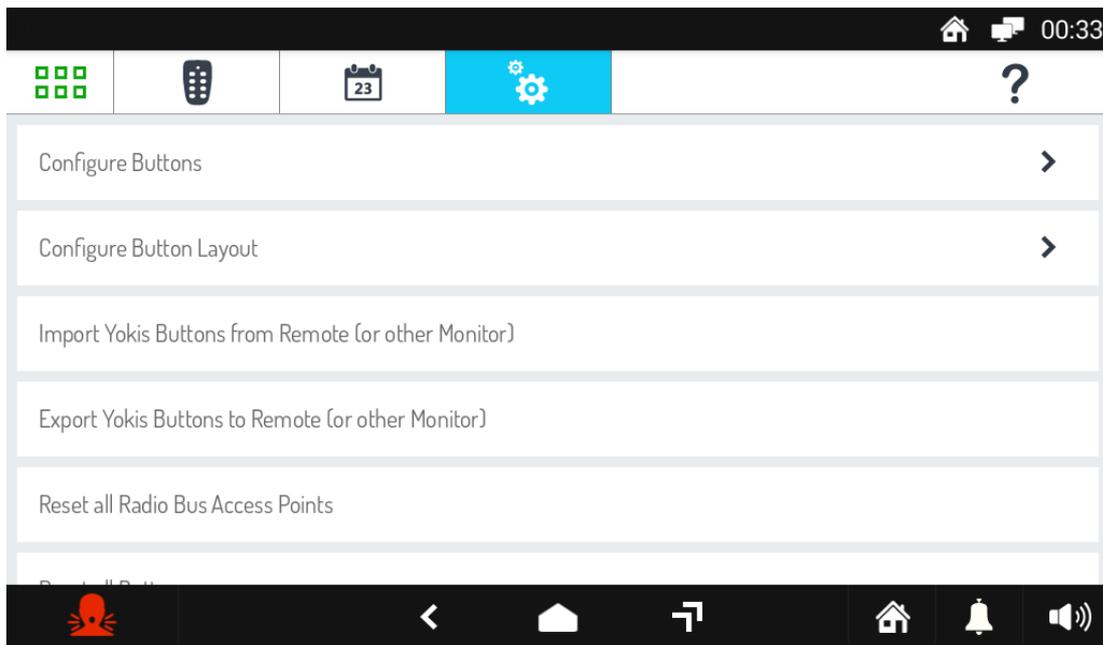
Each Yokis Button can be configured to control one or more activation modules (Scenario or Centralisation Scenario), either in Direct Mode or in Radio Bus Mode.

Please refer to the Yokis Radio Quick Installation Guide for more information on the available options.

From the Yokis Home Automation Page, press the Configuration icon:

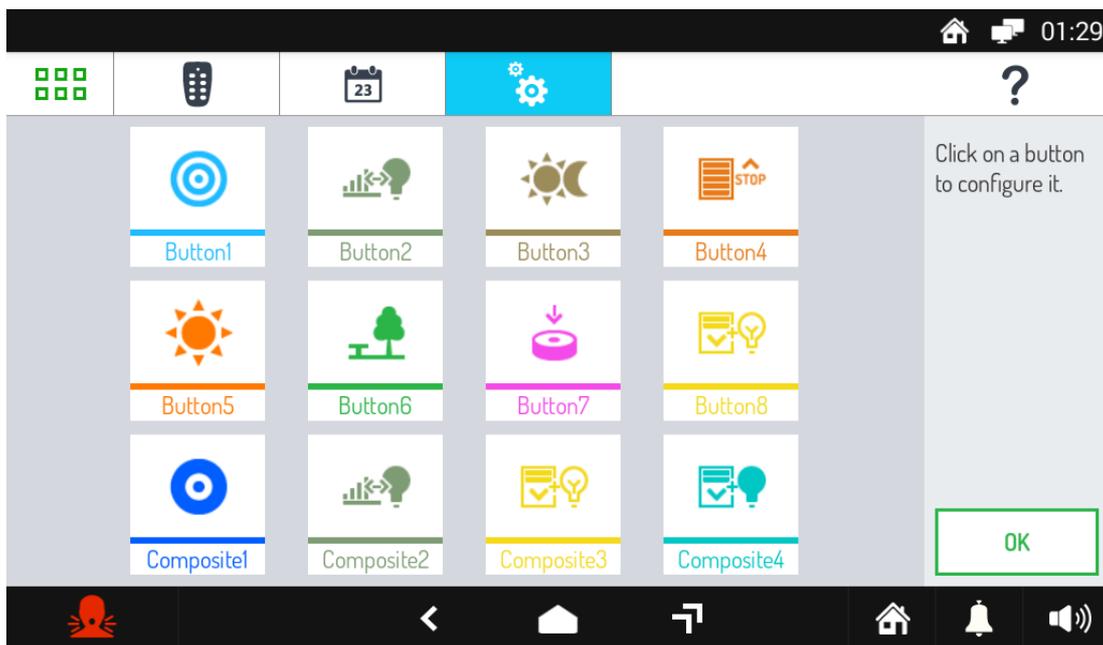


Enter the Password (fixed: 1937) and confirm with 'OK'. The following screen page is displayed:



Choose the first menu item: 'Configure Buttons' to configure Yokis Buttons.  
A screen page will be displayed showing all the buttons:

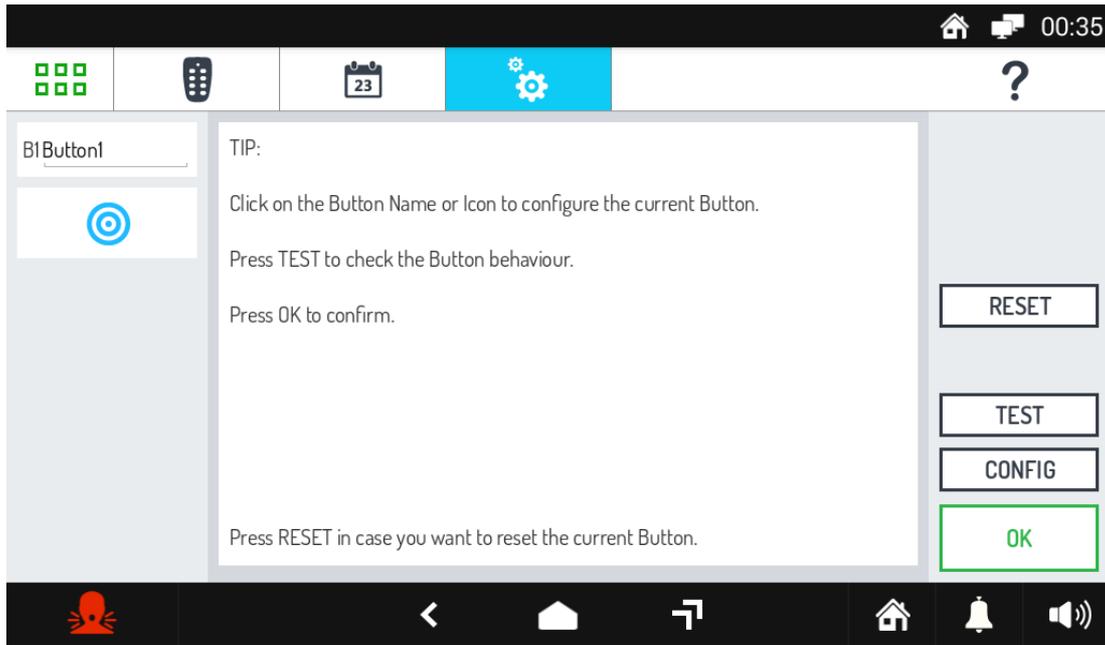
- the Yokis Buttons are easily recognizable as they have labels starting with Button1, ..., Button8. By default, they are the first top 8 (but they may be found in different positions)<sup>1</sup>



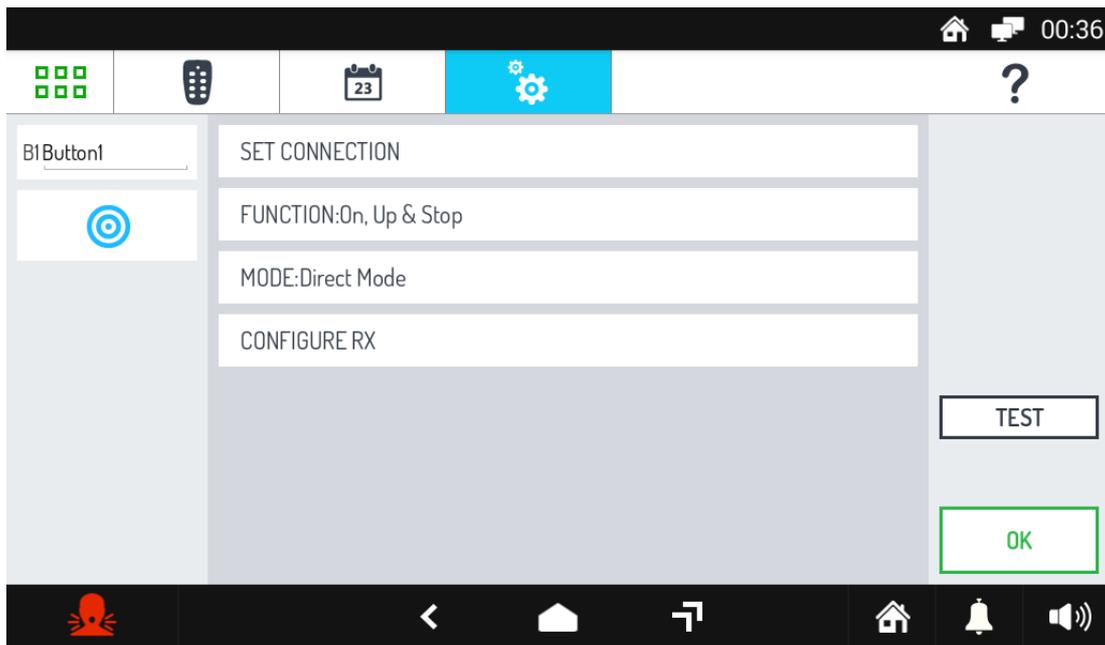
Tap the Yokis button that you wish to configure. A screen page will open where you can set:

- The button NAME (which the user will then see),
- The button ICON (which the user will then see).

<sup>1</sup> The remaining 4 buttons are the Composite buttons. The Composite Buttons have labels starting with Composite1,...,Composite4 and are by default the bottom 4 ones. For their configuration, please refer to the specific section further on.

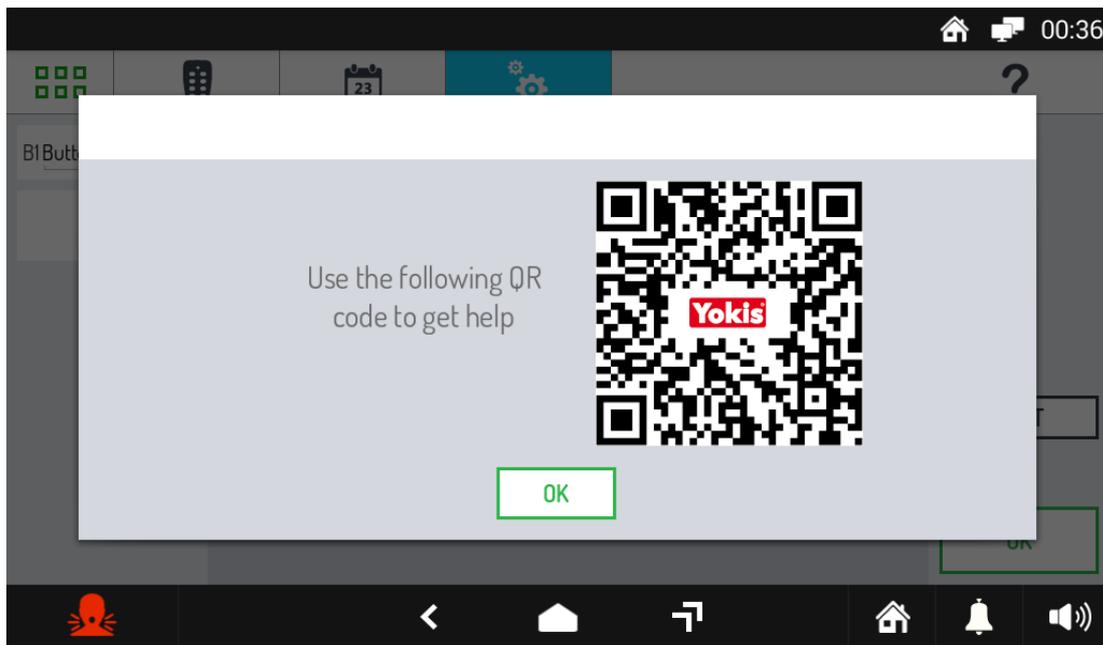


After doing this, tap the 'CONFIGURE' button: you will see the following screen, where the same settings can be entered which can normally be entered via a Yokis remote control button:



Before describing the individual controls in detail, we would like to provide some general indications.

First of all, by tapping **?** in the top right corner, a QR code is displayed:



The QR code can be used to access the configuration guide for help.

The buttons configuration procedure is entirely similar to that of the buttons on a Yokis 8-buttons remote control.

The monitor, however, automatically sends the necessary configuration pulses, without the installer having to remember the number of pulses needed in the various cases (they are, however, specified in the text for convenience)

E.g. if you choose to 'Connect' a button to a receiver, the monitor itself will send the required 5 short configuration pulses.

The blue LED on the monitor matches the red LED on a Yokis remote control: it can be checked for notification flashes. The display shows each time how many notification flashes are to be expected, to make it easier for the installer to check.

**WARNING** Certain configurations may take a few seconds. Always wait for the required notification flashes before moving on to other operations.

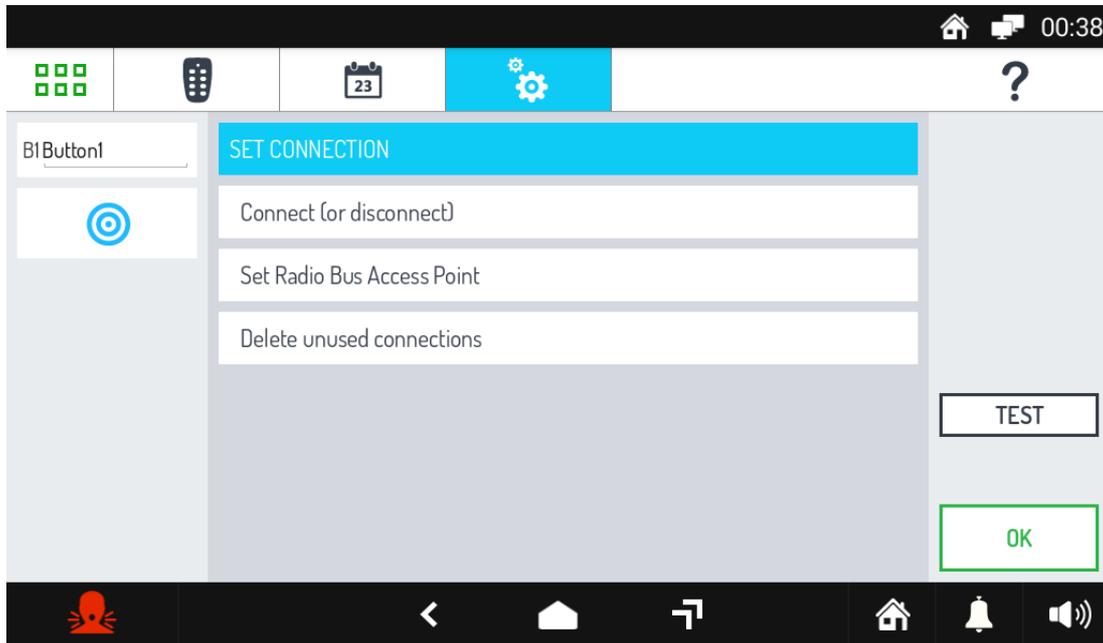
In all the screens a '*TEST*' button is always available on the right side. At the end of a configuration procedure, the operator can press it to test the behaviour of the button concerned.

It is always possible to go back to a higher level menu by pressing the '*OK*' button.

Similarly, with a Yokis Remote control, a reset to initial settings for a specific button (and for that button only) can always be controlled. To do this, go back to the next level up, select '*RESET*', wait for the notification flashes and begin configuration from the start. A single button resetting will not change the button icon and name.

## SET CONNECTION

It opens a sub-menu designed to 'Connect' the button to one or more receivers.



### *Connect (or disconnect)* **E5 R1**

It can be used to 'connect' the button to a receiver.

In the Direct mode, one or more receivers can be connected, up to a maximum of 4 (if a fifth receiver is connected, this will replace the fourth).

In the Radio Bus mode, typically only one is connected.

For more information, refer to the Yokis Radio Quick Installation Guide, sect. 'A-1: Connecting a transmitter to a receiver'.

The button can also be used to perform the 'disconnecting' procedure: sect. 'A-3: Disconnecting a transmitter from a receiver'.

The other 2 menu items are used less frequently:

### *Create Radio Bus Access Point* **E7 R1**

Useful when you wish to control a specific remote receiver (or even more than one), located on Radio Bus.

More information in 'E: Range extension with Radio Bus' and 'E-1: Definition of an Access Point to the Radio Bus' of the Yokis Radio Quick Installation Guide.

WARNING: in the event of a mistake, it is not possible to only delete the specific Access Points of one button. In this case, all the Access Points of all the buttons on the monitor must be deleted at the same time. To do this, use the 'Reset all Radio Bus Access Points' item, available in the higher level menu, via the control **M 24**.

### *Delete unused connections*

If the button controls a single receiver, this option can be useful if that receiver is replaced. First, connect the new receiver with *Connect* (see above). Then use this menu item to delete the connection to the old receiver. Controlled by **E21**

### SET MODE AND CENTRALISATION OF LIGHTS OR SHUTTERS

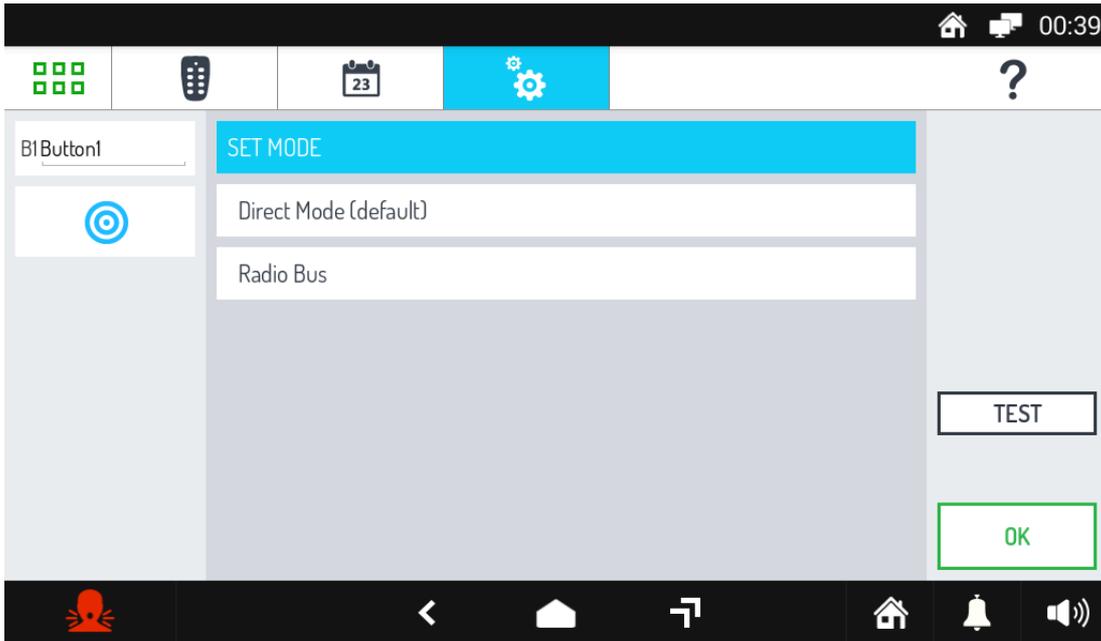
By default, the Yokis buttons operate in 'Direct Mode'. They control up to max 4 receivers.

On a monitor, it is often useful to use the buttons in the Centralised mode: this means having one button that closes all the shutters, another that turns off all the lights, etc.

To do this, you must Centralise on 'Radio Bus'.

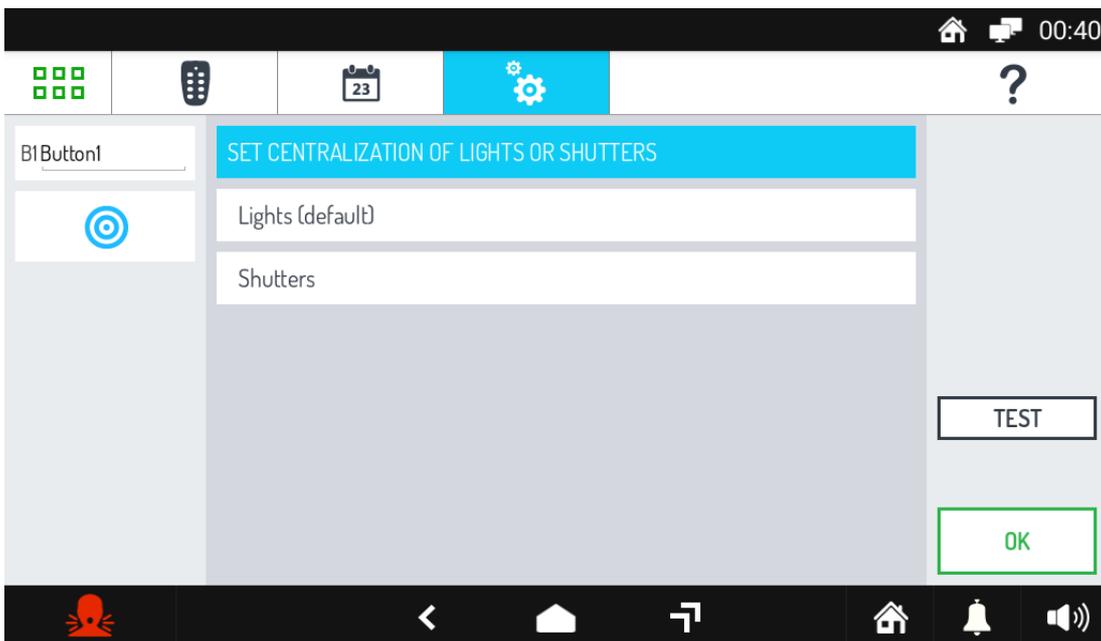
First of all, the receivers must be gathered together to create a Radio Bus **R1 R1**, then the button must be 'Connected' to the closest receiver and finally, the Button Centralised Mode must be defined, specifying whether it should act on all the Lights or on all the Shutters.

By selecting the button 'Mode', it is then possible to define the mode: Radio Bus **M6** or Direct **M5**:



If the 'Radio Bus' mode has been selected, a new button will be displayed in the higher-level menu, allowing to select whether Centralisation should act on the Lights (default setting) or on the Shutters: 'Centralisation: Lights or Shutters'.

By tapping it you can choose either option: Lights **M10** or Shutters **M11**.



For more information, refer to the Yokis Radio Quick Installation Guide, in section 'F - Centralised control on Radio Bus'.

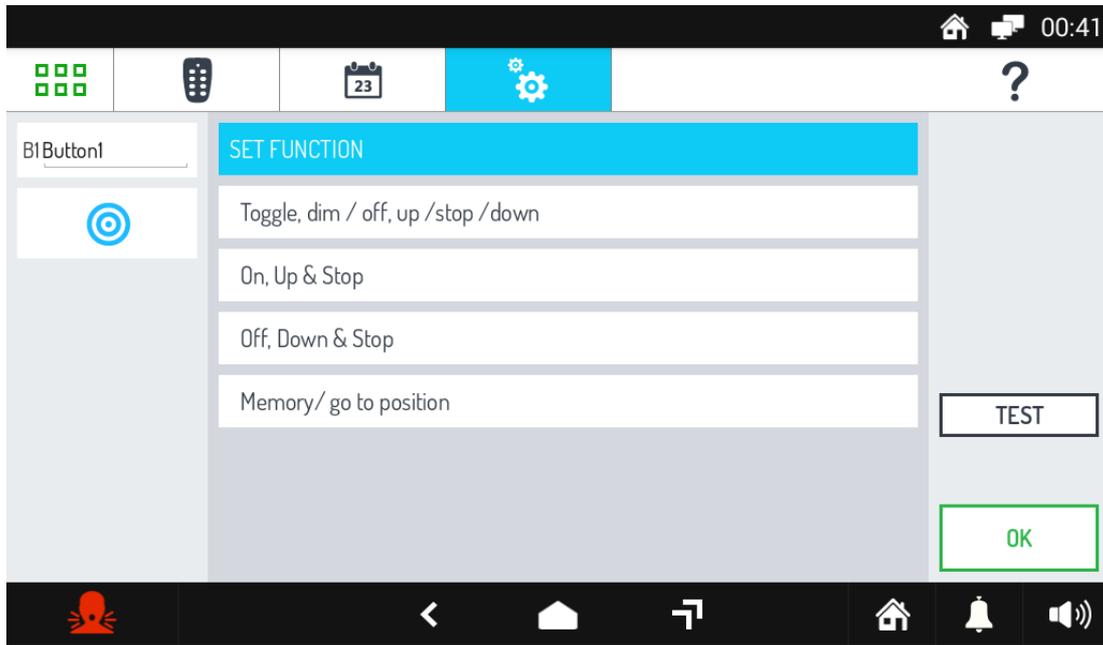
NOTE: If you wish to simultaneously centralise both the Lights and the Shutters, you must:

- configure a Centralised Button for the Lights, with the desired function,
- configure a Centralised Button for the Shutters, with the desired function,
- configure a Composite Button to combine both.

This solution can be used to 'mix' different tasks, such as: rolling down the Shutters and simultaneously switching on the Lights. Or, closing the Shutters and turning off the Lights.

### SET FUNCTION

Finally, it is possible to select an operation mode for the button by choosing one of the following 4 options:



- *Toggle (lights), Dim/Off (dimmer), Up/Stop/Down (shutter)* **M 1**
- *On (lights), Up&Stop (shutter)* **M 3**
- *Off (lights), Down&Stop (shutter)* **M 4**
- *Memory , Go to position (shutter)* **M 2**

Reference should be made to section 'G – Pushbutton functions' of the Yokis Radio Quick Installation Guide.

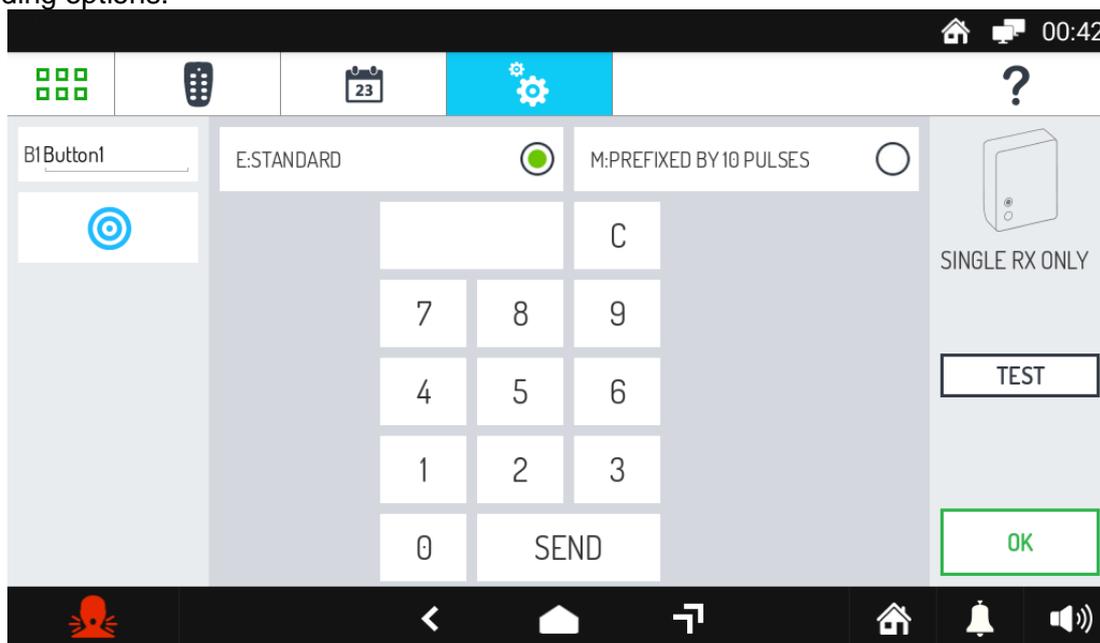
### CONFIGURE RECEIVER

This option can only be used if a Button had been 'connected' to a single receiver module. In this case, it is then possible to configure the receiver with specific sequences of pulses.

Using the keypad, the number of pulses to be sent to the Receiver Module with that specific button can be defined. E.g. to configure the timing of the receiver. Then press 'Enter' and wait for a notification from the receiver, typically displayed on the receiver (blinking or small movements).

Please refer to the individual Receiver Modules manuals for possible controls.

It is also possible to send pre-fixed sequences of 10 pulses plus one pause, selecting, at the top, one of the possible sending options.



For example, if an MTR2000ER relay module was 'connected' and you wish it to have a 15 minutes' timed output (e.g. for irrigation of a garden), then:

- Send 23 (**E 23**) to unlock the module configuration and wait to see 3 flashes on the receiver.
- Send 27 (**E 27**) to switch the module to the timer mode and wait to see 7 flashes on the receiver.
- Send 26 (**E 26**) to configure the duration in minutes and wait to see 6 flashes on the receiver.
- Send 14 (**E 14**) to configure a 15-minutes' timed interval and wait to see 4 flashes on the receiver.
- Send 21 (**E 21**) to lock the module configuration and wait to see 1 flash on the receiver.

While if you wish the MTR2000ER connected module to work in impulsive mode (i.e. the module generates a 0.5 seconds' pulse each time that the button is pressed), for example to control the opening of a gate, then:

- Select the mode 'M' in the top right corner.
- Send 16 (**M 16**) to configure the IMPULSIVE mode and wait to count 6 confirmatory flashes on the monitor LED.

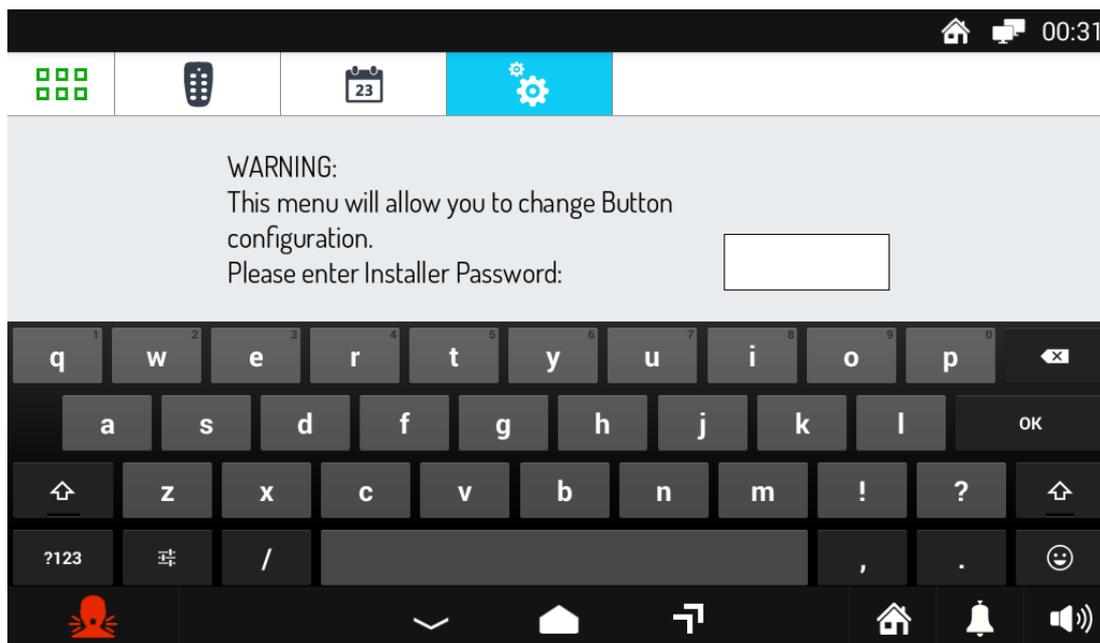
**Note:** as was mentioned here above, receiver module configuration only works if the button has been connected to a single receiver module.

### 1.1.2 Yokis Buttons Configuration via remote control

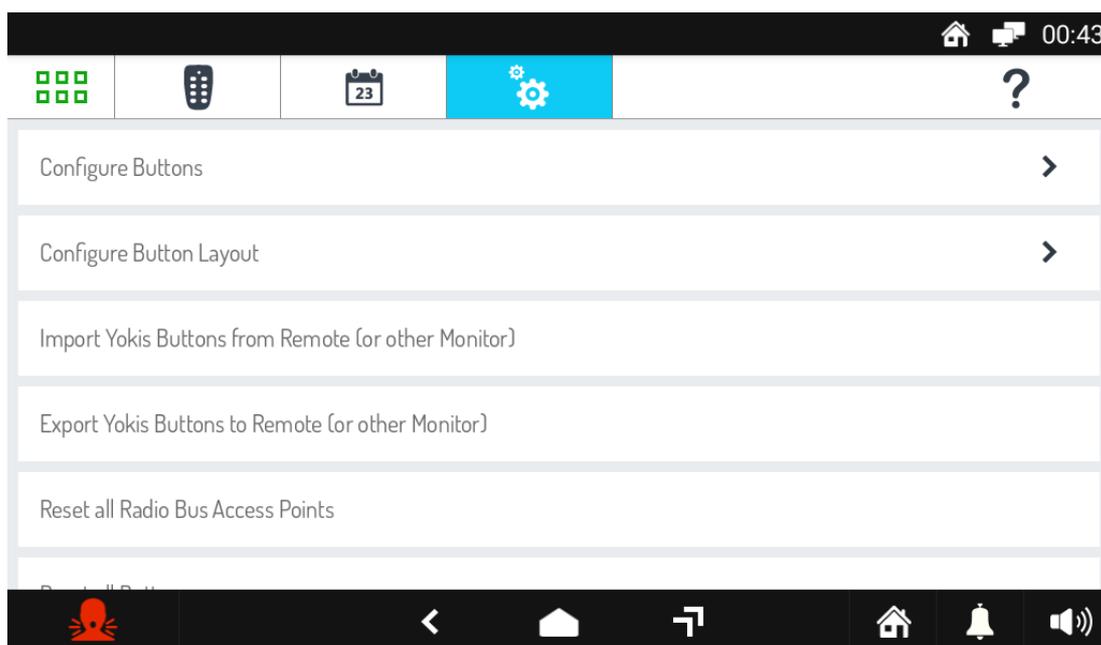
- 1) Using a TLC8CP 8-Buttons remote control, configure the buttons of the remote control itself. Refer to the Yokis Radio Quick Installation Guide for more information.
- 2) Check that all configured buttons are working efficiently.
- 3) Now import the remote control to the monitor, as described here below.

**WARNING:** the importing procedure will delete the configuration of ALL 8 Yokis buttons of the monitor.

From the Yokis Home Automation Page, press the Configuration icon:



Enter the Password (fixed: 1937) and confirm with 'OK'. The following screen page is displayed:



Choose the third menu item: *'Import Yokis Buttons from a remote control (or another monitor)'*. A Wizard will start to guide the installer through the importing procedure: follow the Wizard instructions.

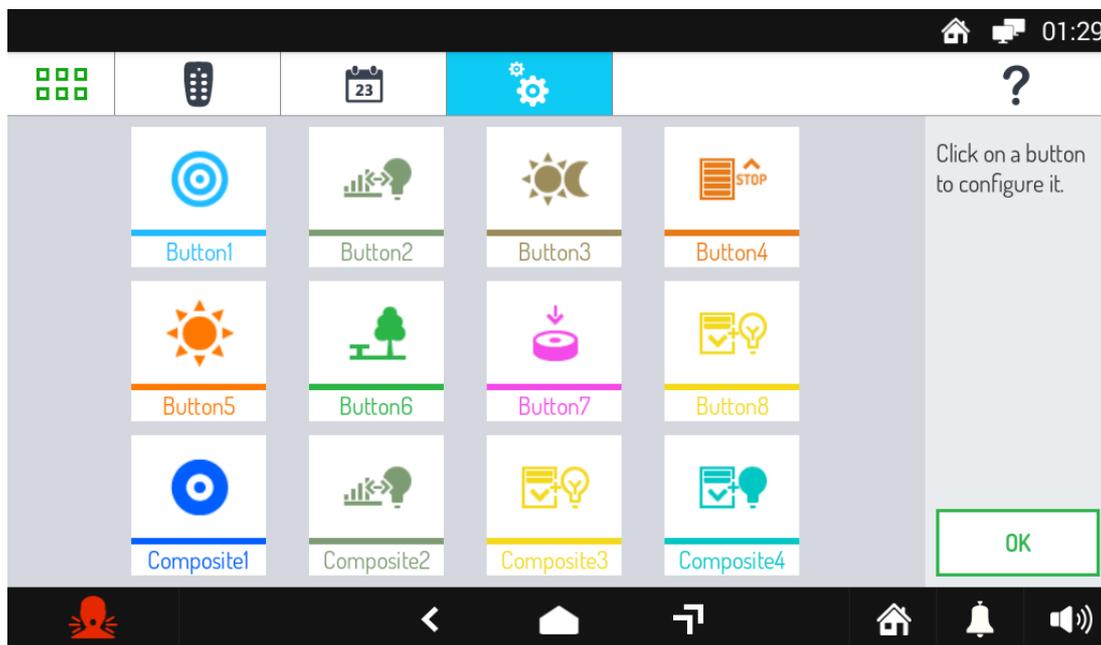
At the end of the import the following operations should be performed for each button:

- Define its ICON and NAME.
- Test the imported Button efficient operation.

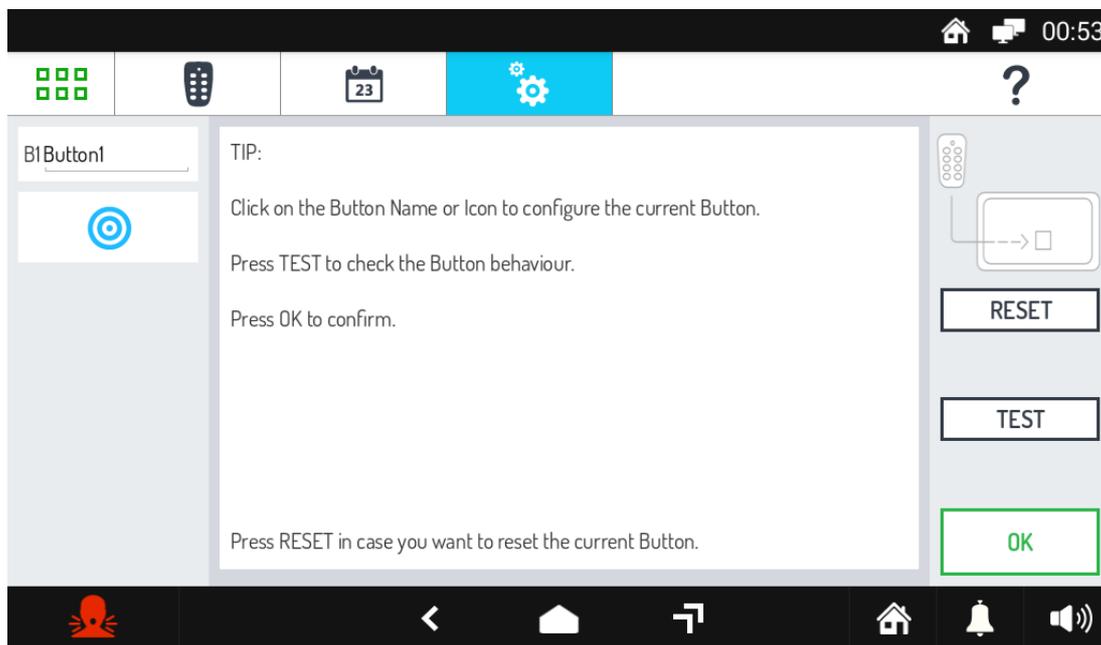
To do this, select the first item: *'Configure Buttons'*.

A screen page will be displayed showing all the buttons:

- the recently imported Yokis Buttons are easily recognizable as they have labels starting with Button1, ..., Button8. By default, they are the first top 8 (but they may be found in different positions)



Tap the Yokis button that you wish to test. This will display:



An icon at the top right shows that it is an 'Imported Button'. It is possible to set:

- The button NAME (which the user will then see),
- The button ICON (which the user will then see).

It is also possible to check the correct operation of the Button, by pressing the 'TEST' key.

No changes can be made to correct the imported Button operation, unless the button is reset first. To do this, tap the 'RESET' key and confirm. A single button resetting will not change the button icon and name. Once the button has been reset, it needs a complete configuration. Tap the 'CONFIGURE' button and then refer to Section 'Yokis Buttons Direct Configuration'.

### 1.1.3 Yokis Buttons Mixed Configuration

Carry out the following three steps:

- Using a TLC8CP 8-Button remote control, 'connect' the buttons to the receivers. Refer to the Yokis Radio Quick Installation Guide for more information.
- Copy the remote control to the monitor, as described in the section 'Yokis Buttons Configuration via remote control'.
- For each imported button, carry out a 'RESET' and then a configuration, as is described in the Section 'Yokis Buttons Direct Configuration'.

## 1.2 Composite Buttons Configuration

The Composite buttons allow for the simultaneous control of several Yokis Buttons.

This means that, when an end user actuates a Composite Button, it is as if a sequence of the individual Yokis Buttons that make up that Composite button were pressed.

It is also possible to define a time interval between one Button and the next, so as to provide timed scenarios.

**IMPORTANT** - Scenarios can be achieved with just Yokis Buttons, e.g. by controlling up to 4 receiver modules simultaneously in Direct Mode, or with Centralised Controls (Lights or Shutters). The Composite Buttons represent a possible higher level of aggregation.

E.g.:

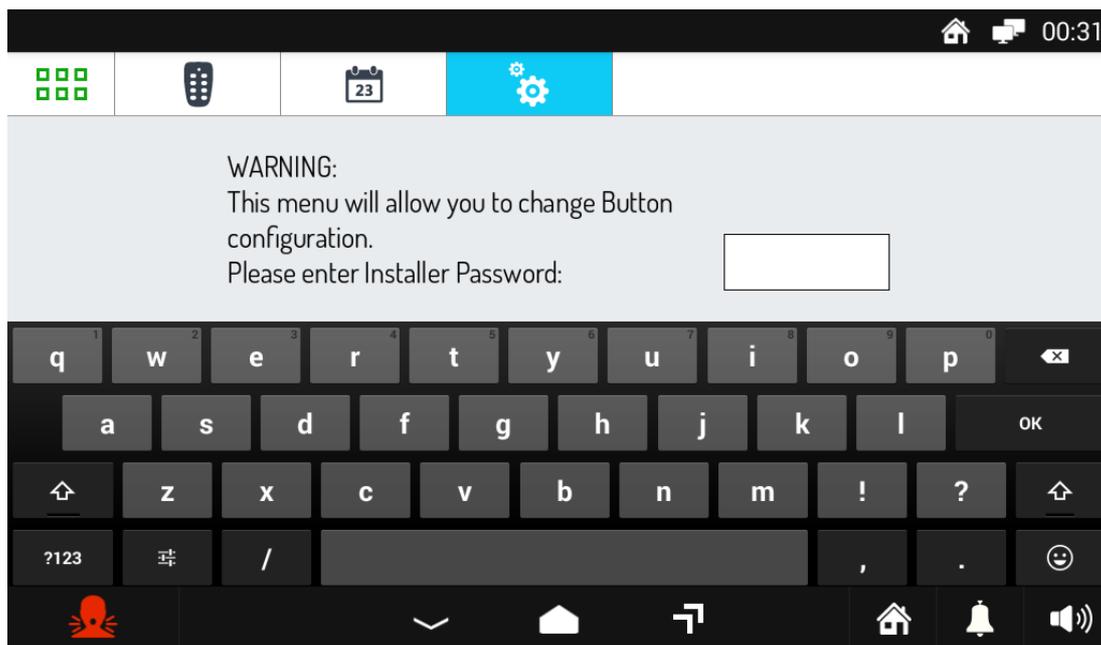
You may have configured a Yokis Button that controls the centralised locking of all the rolling Shutters ('Close All') in the Radio Bus Mode, and another Yokis Button to control the switching on of lights in the Lounge and Kitchen ('Lounge/Kitchen Lights On') in Direct Mode.

Then you could define a Composite Button ('Evening') that recalls them both and therefore controls the rolling down of all the shutters and at the same time, the turning on of all Lounge and Kitchen lights. More in detail, it is also possible to define that lights should be switched on 'first' and shutters should be closed 'next'. Additionally, you may want to control the rolling down of the shutters 'after a certain time', i.e. 2 minutes, from lights-on.

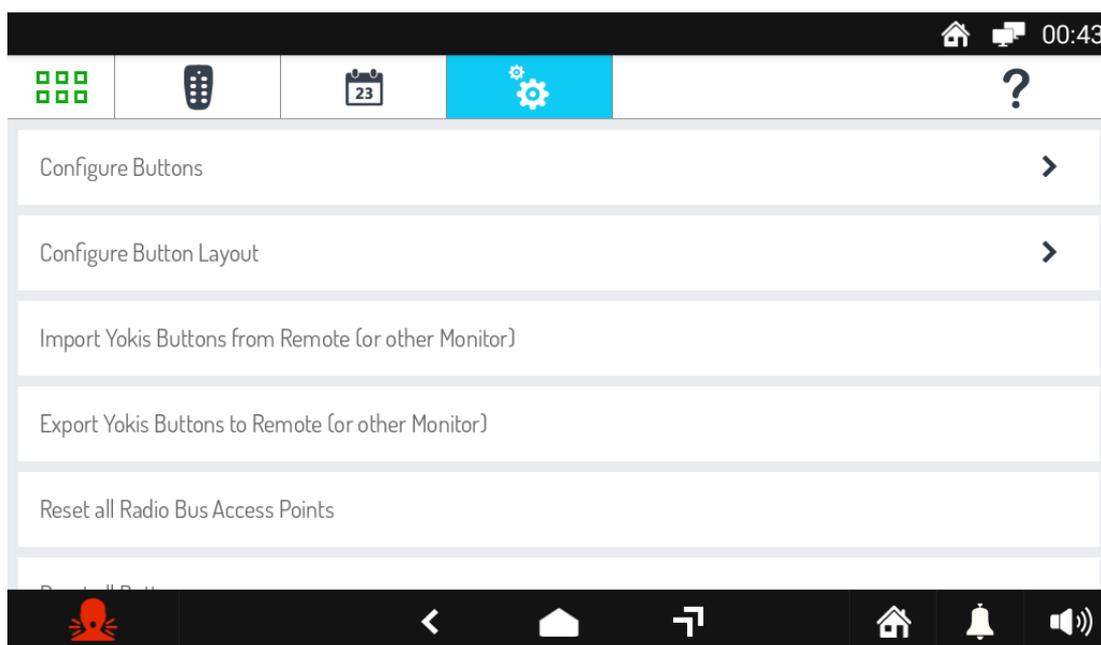
Composite Buttons are typically monitor buttons and are therefore not described in the Yokis Radio Quick Installation Guide.

**WARNING** It is obviously no use to configure a Composite button, unless at least 2 Yokis Buttons have already been configured.

From the Yokis Home Automation Page, press the Configuration icon:



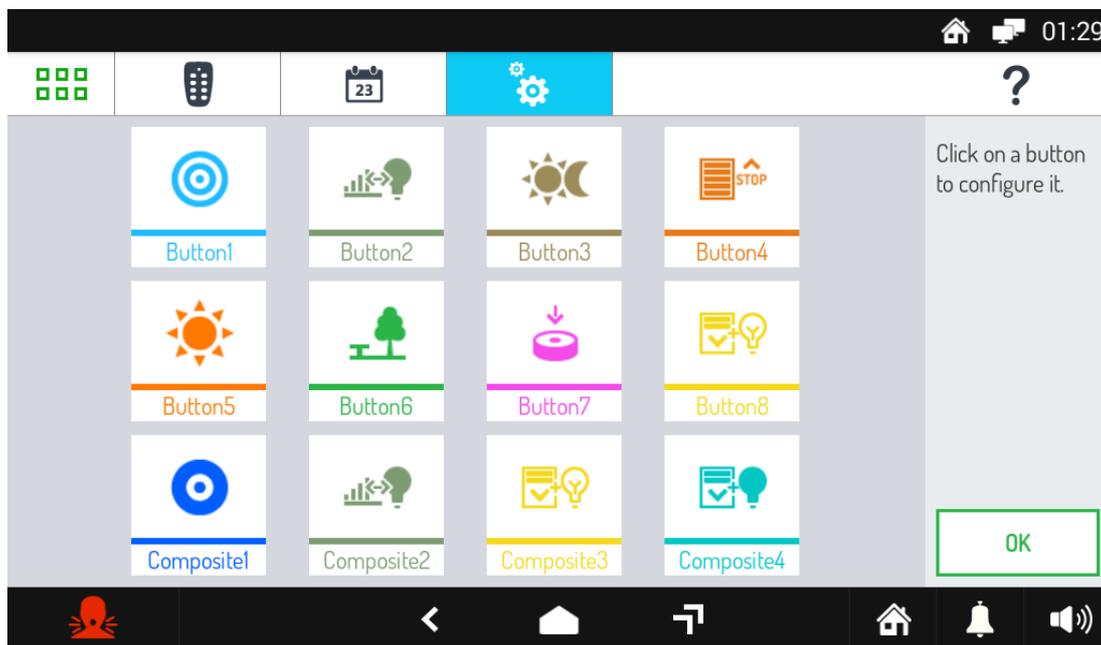
Enter the Password (fixed: 1937) and confirm with 'OK'. The following screen page is displayed:



Choose the first menu item: 'Configure Buttons' to configure Composite Buttons.

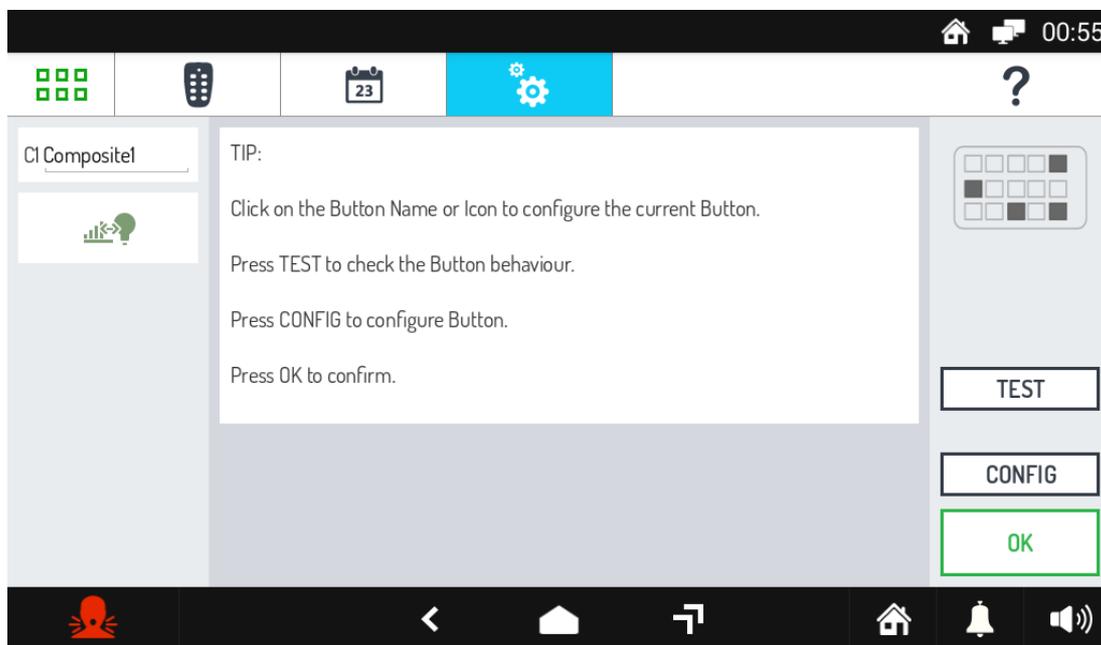
A screen page will be displayed showing all the buttons:

- the Composite Buttons have labels starting with Composite1,...,Composite4 and are by default the bottom 4 ones.

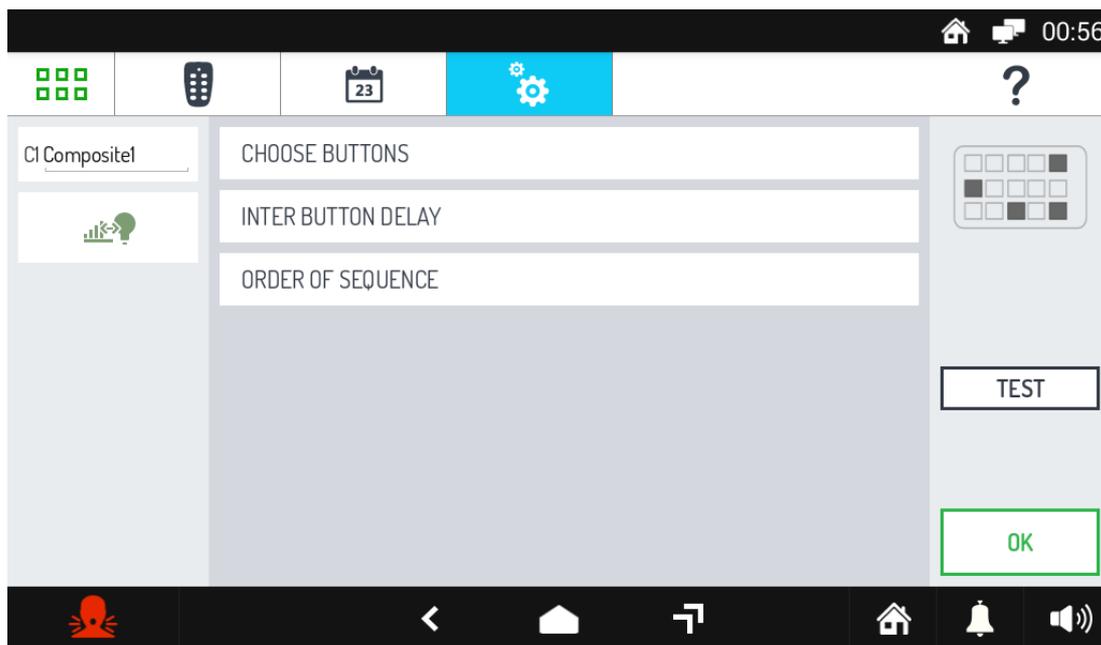


Tap the Composite button that you wish to configure. A screen page will open where you can set:

- The button NAME (which the user will then see),
- The button ICON (which the user will then see).

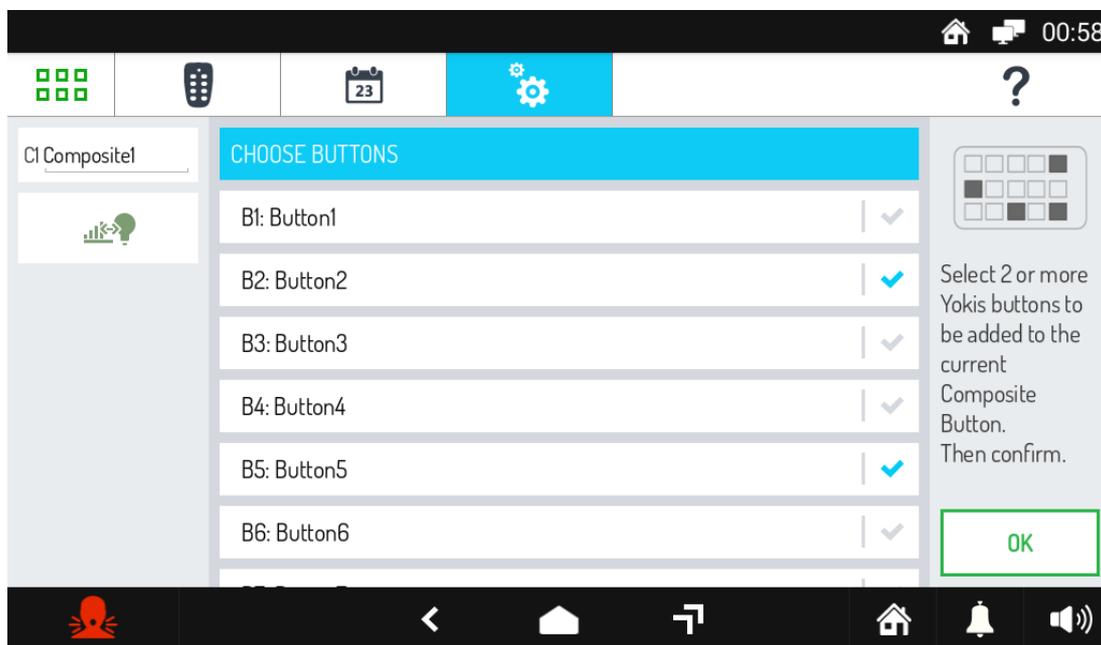


Having done this, tap the 'CONFIGURE' button, the following screen will be displayed:



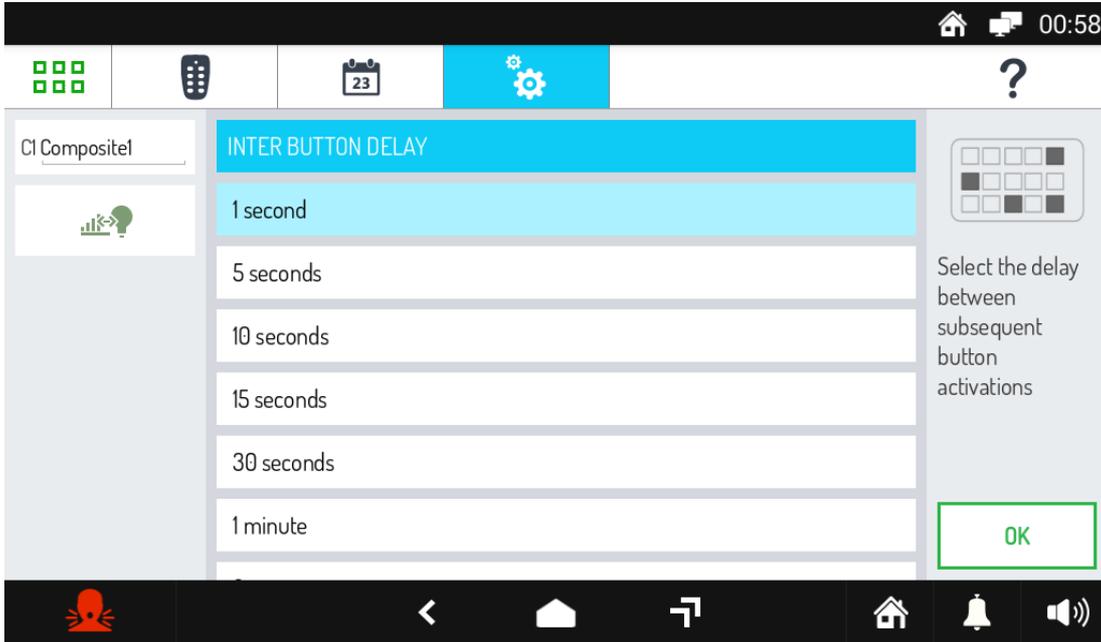
### CHOOSE BUTTONS

This item can be used to specify which Yokis Buttons are included in this Composite Button. Clearly, it is important to choose at least 2 to obtain any effect.



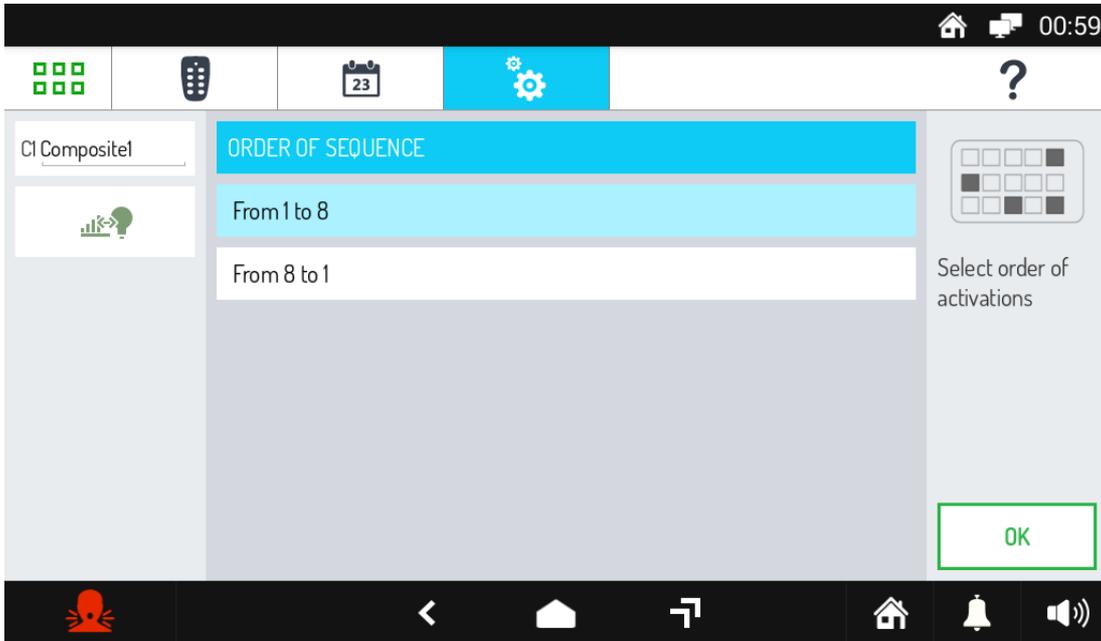
### INTER-BUTTON DELAY

It can be used to define a possible 'delay' between the activation of one Yokis Button and the next, to create timed Scenarios:



### ORDER OF SEQUENCE

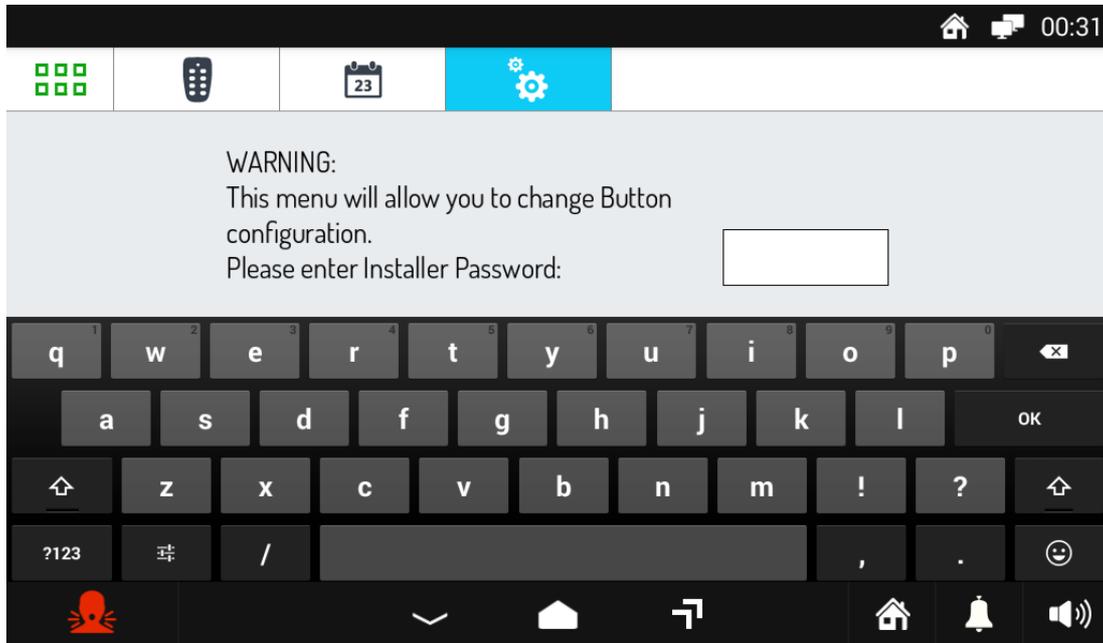
Here you can specify if the Yokis Buttons will be activated in their default order (from one to eight) or in reverse order (from the eight to one).



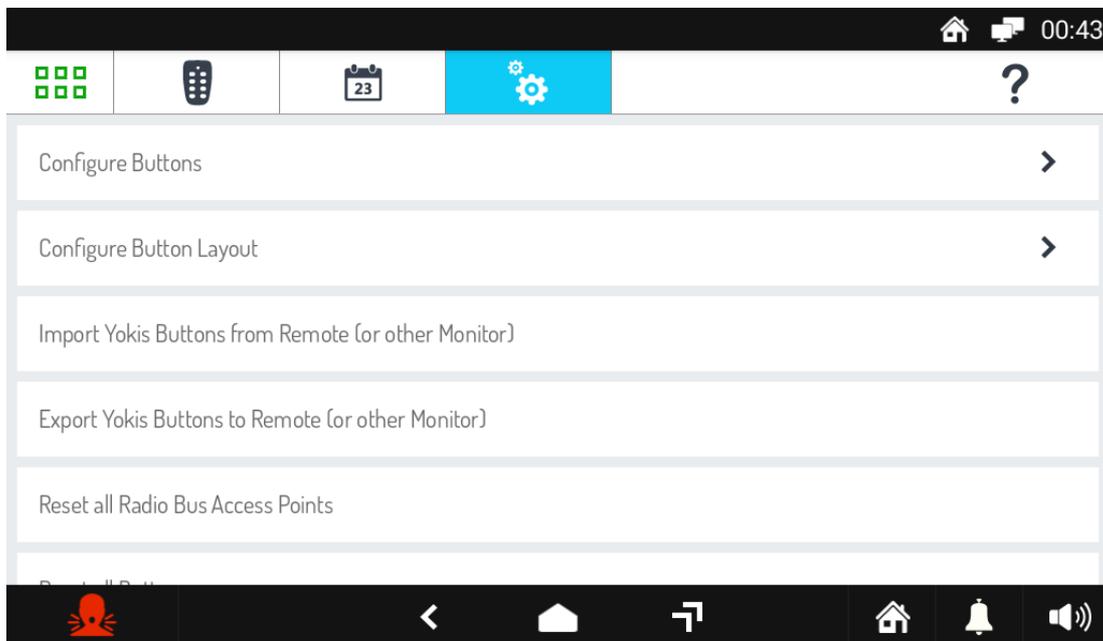
## 2 Buttons Layout

The Buttons to use are 12 in total: 8 Yokis and 4 Composite buttons.  
If they are not all used by the end user, the unused ones can be 'hidden'.  
It is also possible move the most frequently used ones to another required position.

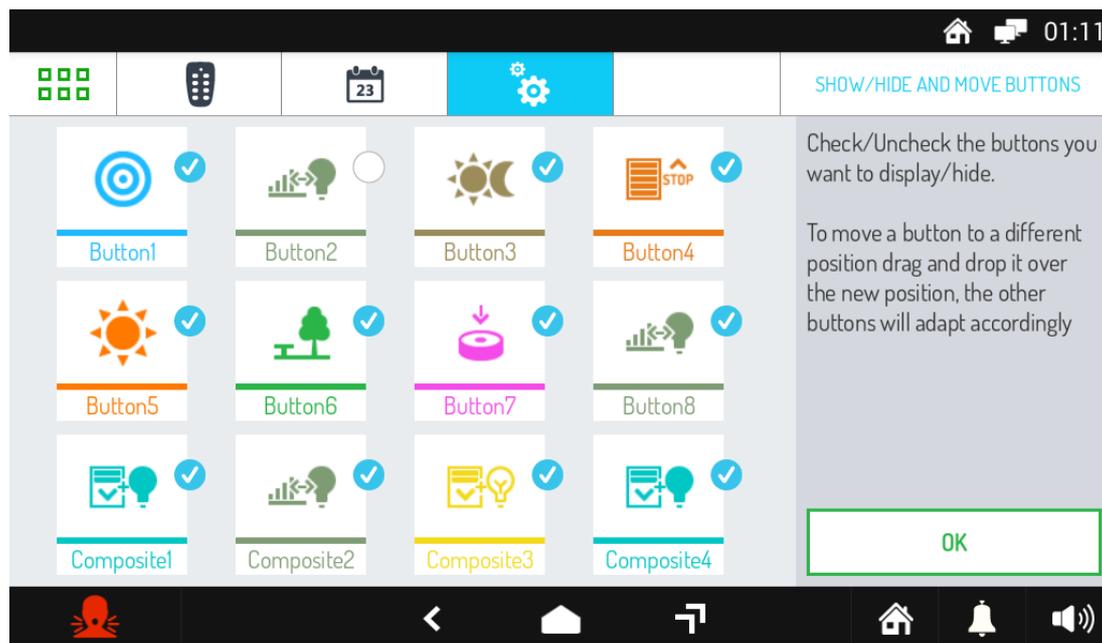
From the Yokis Home Automation Page, press the Configuration icon:



Enter the Password (fixed: 1937) and confirm with 'OK'. The following screen page is displayed:



Choose the second menu item: 'Configure Button Layout'. This will display:



Uncheck the buttons that you want to hide (e.g. Button2).  
To reposition a button, drag and drop it with your finger to the required position.  
Confirm with 'OK'.

### 3 Importing Yokis Buttons from a remote control (or another monitor)

It starts a Wizard that helps import the Configuration of the 8 Yokis Buttons from a TLC8CP remote control.  
Also useful to directly duplicate a configuration from a second monitor.  
A possible use of the remote control importing function has been described further above.

### 4 Exporting Yokis Buttons to a remote control (or another monitor)

It starts a Wizard that helps export the Configurations of the 8 Yokis Buttons to a TLC8CP remote control.  
Also useful to directly duplicate a configuration to a second monitor.

## 5 Resetting all Radio Bus Access Points

The use of Access Points has been described further above.

They are used when you wish to control a specific remote receiver (or even more than one), located on Radio Bus.

More information in 'E: Range extension with Radio Bus' and in 'E-1: Definition of an Access Point to the Radio Bus' of the Yokis Radio Quick Installation Guide.

This option can be used to delete all the Access Points of all the buttons on the monitor at the same time. Controlled by **M 24**.

## 6 Button Resetting

The Reset function is used to delete the configuration parameters of all 12 Buttons (8 Yokis and 4 Composite buttons).

As regards the Yokis Buttons, it is the equivalent of **M 25**.

At the same time, you can choose whether to also reset their names and icons at the same time, or not.



**DS 1717-021A**

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