



**finder**<sup>®</sup>  
RELAYING INNOVATION

# 12.B2 Toolbox app manual

## CONFIGURATION



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## FINDER TOOLBOX APP



Free app for configuring Finder devices with your smartphone.  
Series available for configuration: S12 - S18 - S7M - S70 - S84.

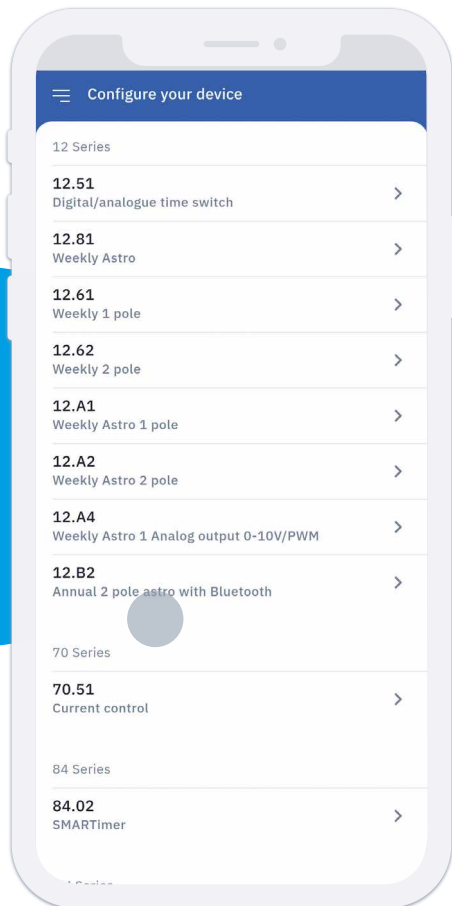
Available on:



# INTRODUCTION

## DEVICE CONFIGURATION

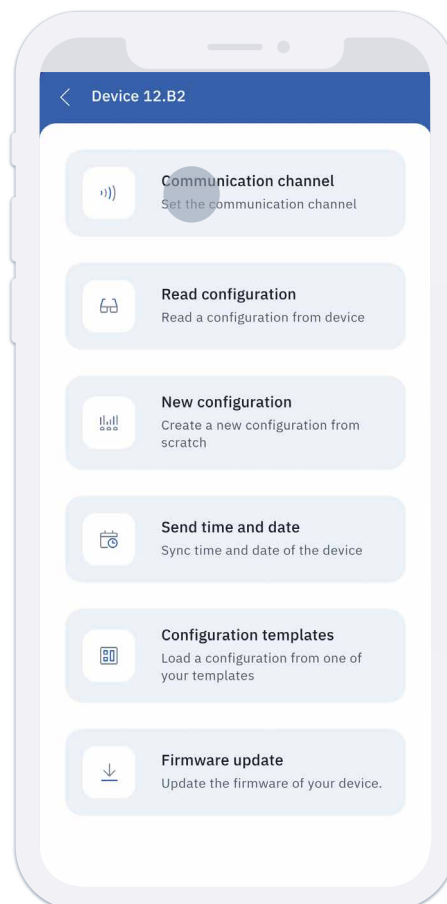
01



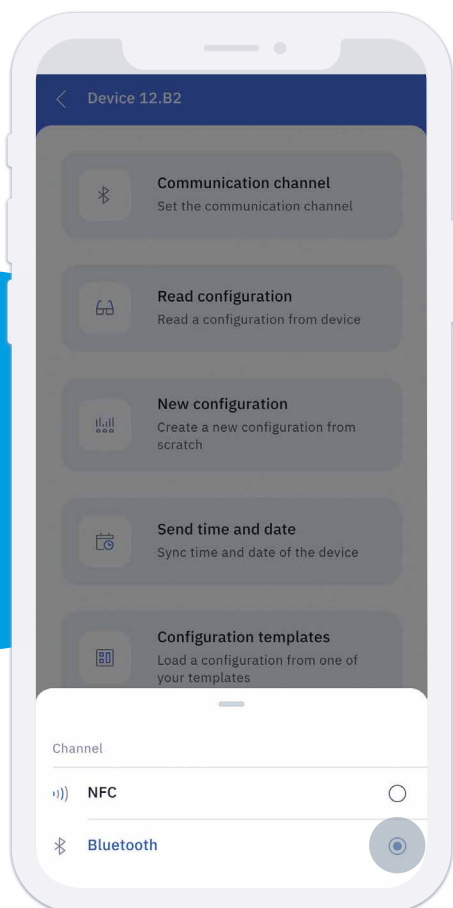
To start configuration, open the Toolbox app and select **12.B2** from the list.

Select “Communication channel” to continue.

02



03



Next, you can choose the communication channel to configure the type 12.B2.

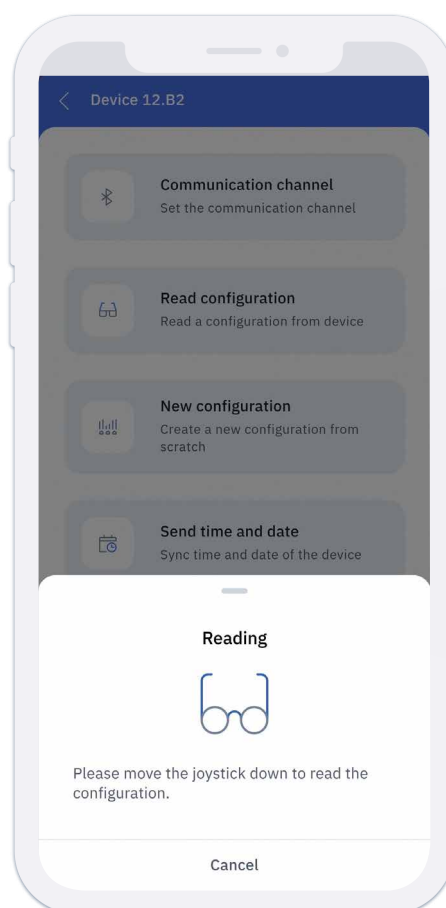
- **NFC:** useful for configuring the device without powering it. It is not possible to associate external channels and input interfaces.
- **Bluetooth:** the device must be powered but you have access to all functions.

#### NOTE

To use type 12.B2 with Bluetooth, you need to enable Bluetooth and Location (or GPS) on your smartphone.

If you selected “Bluetooth”, push the joystick down on the type 12.B2 you wish to configure to proceed. If you selected “NFC”, place your smartphone on the face of the type 12.B2 you wish to configure.

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# CONFIGURATION PAGE

The screenshot displays the 'Configure 12.B2' app interface. At the top, there's a blue header with a back arrow and the title 'Configure 12.B2'. Below this is a 'Settings' section with a toggle switch and a list icon. The main content area is divided into several sections, each with a blue border and a list of settings. The first section, 'Time and date', includes 'Local time / Europe' and 'Coordinate settings' (Italy / 10). The second section, 'Timer (classic)', includes 'No events', 'Timer with correction astro overlay' (One event), 'Pulse' (No events), 'Astro' (No events), 'Cyclic' (No events), and 'Random' (No events). The third section, 'Remote channels', includes 'Channel C', 'Channel D', 'Channel E', and 'Channel F', all marked as 'Not configured'. The fourth section, 'Remote inputs', includes 'Input 1' (Button 1: Configured, Button 2: Configured), 'Input 2' (Not configured), 'Input 3' (Not configured), and 'Input 4' (Not configured). At the bottom, there is a blue button labeled 'Send to device' with a right-pointing arrow icon.

Section	Setting	Value
Time and date	Local time / Europe	
	Coordinate settings	Italy / 10
Timer (classic)	No events	
	Timer with correction astro overlay	One event
	Pulse	No events
	Astro	No events
	Cyclic	No events
	Random	No events
Remote channels	Channel C	Not configured
	Channel D	Not configured
	Channel E	Not configured
	Channel F	Not configured
Remote inputs	Input 1	Button 1: Configured, Button 2: Configured
	Input 2	Not configured
	Input 3	Not configured
	Input 4	Not configured

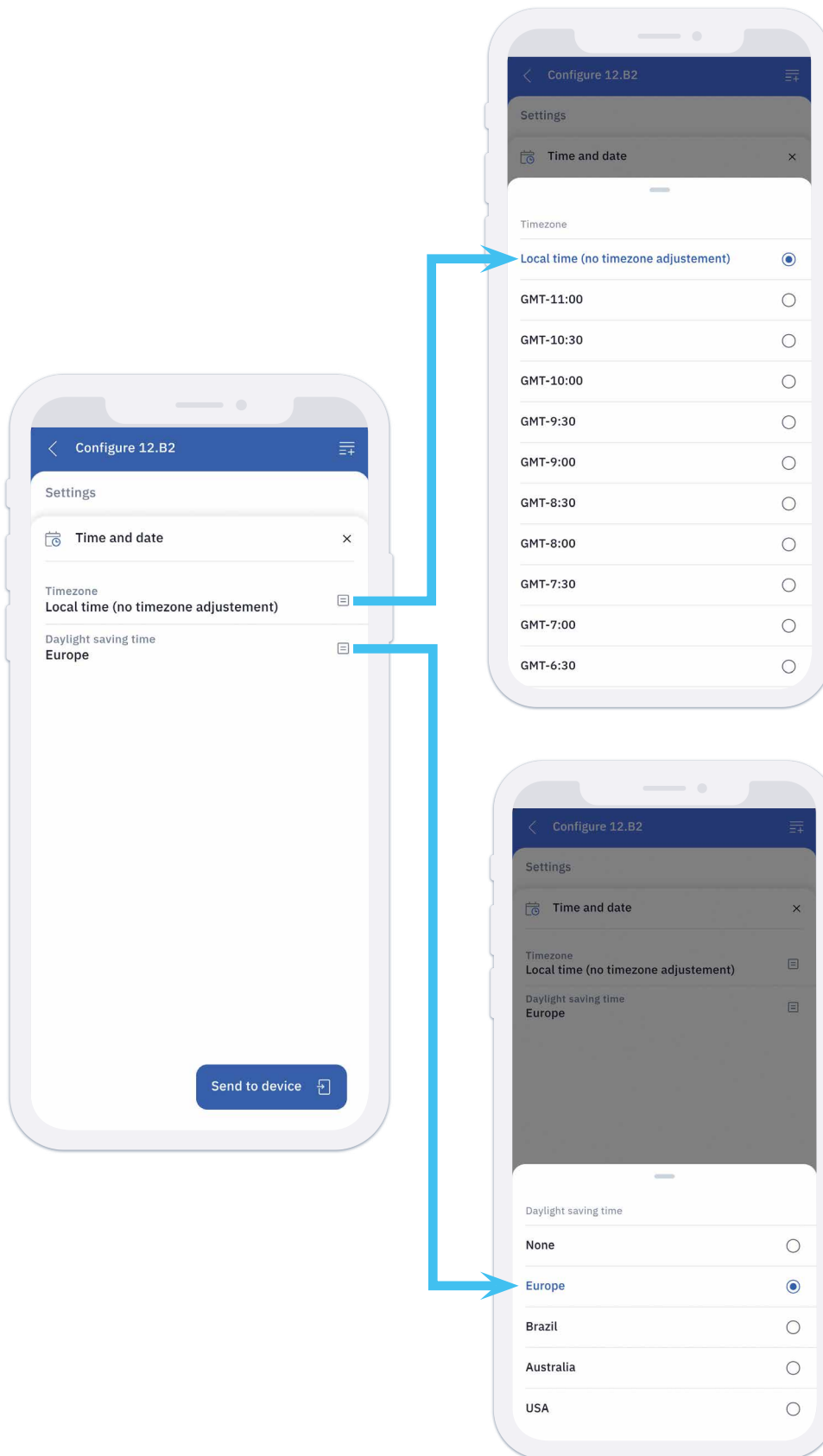
General parameters of date, time, location and time zone

Configurable functions, effective programming of the device.

Association of external channels type 13.21-B000

Association and configuration of external inputs type 1Y.P2

## TIME AND DATE



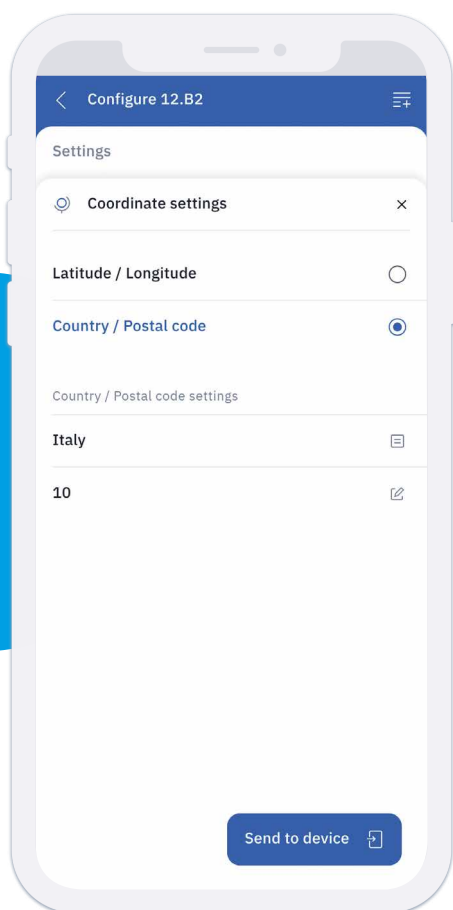
The type 12.B2 default settings are “Local time” and daylight saving time “Europe”.

It is possible to switch from daylight saving time to standard time automatic for countries that follow the rules of:

- Europe
- Australia
- Brasil
- North America

# COORDINATE SETTINGS

01



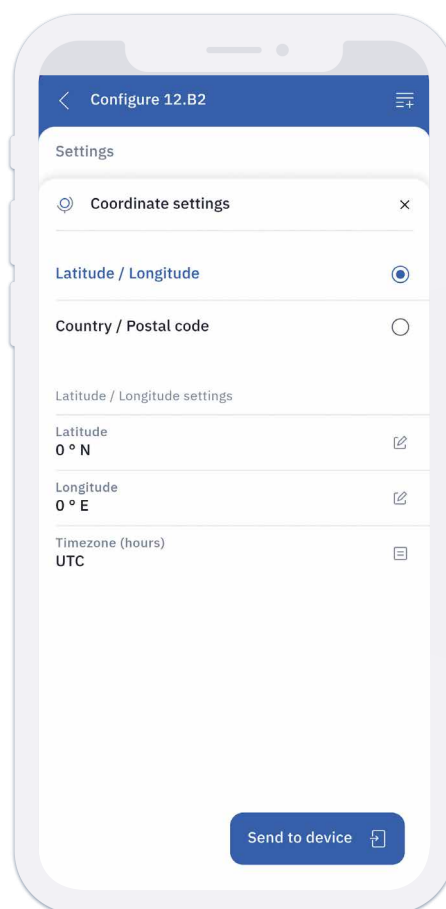
## Country/Postal code

The fastest way to identify the device's geographical location is to enter the country and the first two digits of the postal code where the device is located. If your country is not available, enter your latitude and longitude manually.

## Latitude/Longitude

If the country is not available in the previous option, manually enter the latitude, longitude and time zone where the device is located.

02



# CONFIGURABLE FUNCTIONS

## COMMON PARAMETERS TO ALL FUNCTIONS

All functions have some common parameters, such as:

- The **channel** (internal or external) on which the program I am configuring must run
- The **period type** that the program is to follow
- The **weekdays** in which the program must be repeated

The screenshot displays the 'Configure 12.B2' app interface. The top bar is blue with a back arrow and the title 'Configure 12.B2'. Below the bar, the 'Settings' section is visible. The 'Timer' section is active, showing an 'Edit event' button with a trash icon and a close 'x' icon. The 'Channel' section is highlighted with a blue border and a blue arrow pointing to the text 'Channel'. The 'Time' section shows '08:00' with a clock icon. The 'Behavior' section is highlighted with a blue border and a blue arrow pointing to the text 'Variable part according to the function'. It contains two options: 'Switch on' with a selected radio button and 'Switch off' with an unselected radio button. The 'Period' section is highlighted with a blue border and a blue arrow pointing to the text 'Period Type'. It shows 'Period type' as 'Weekly' with a calendar icon. The 'Weekdays' section is highlighted with a blue border and a blue arrow pointing to the text 'Weekdays'. It shows a row of buttons for 'M', 'T', 'W', and 'R', followed by a 'Send to device' button with a share icon.

Channel  
Channel A

Time  
08:00

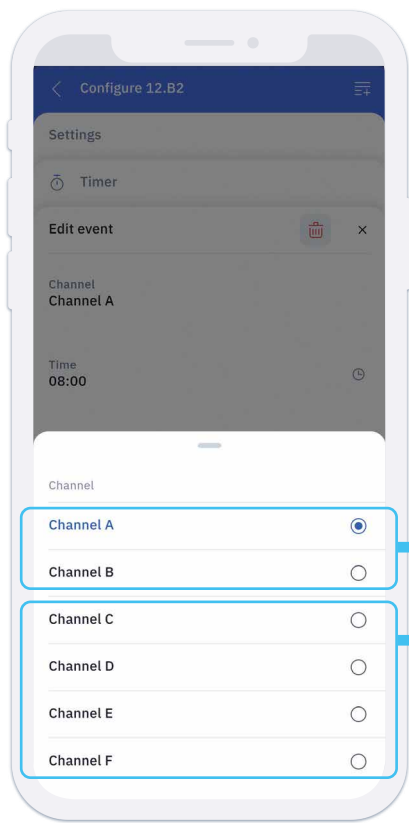
Behavior  
Switch on  
Switch off

Period  
Period type  
Weekly

Weekdays  
M T W R Send to device



# CHANNELS



## INTERNAL CHANNELS

Channels A and B refer to the internal relays of the type 12.B2 being configured.

## EXTERNAL CHANNELS

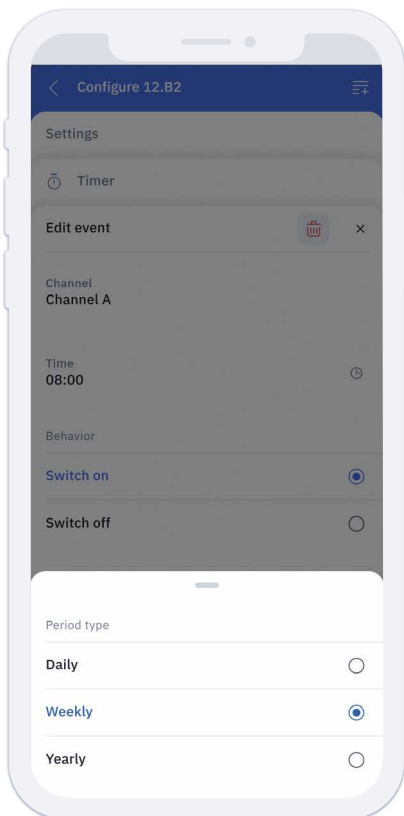
Channel C, D, E, F refer to external channels Bluetooth relays type 13.21-B000.

### NOTE

Once associated, the P1 pushbuttons of type 13.21-B000 will be disabled.

### NOTE

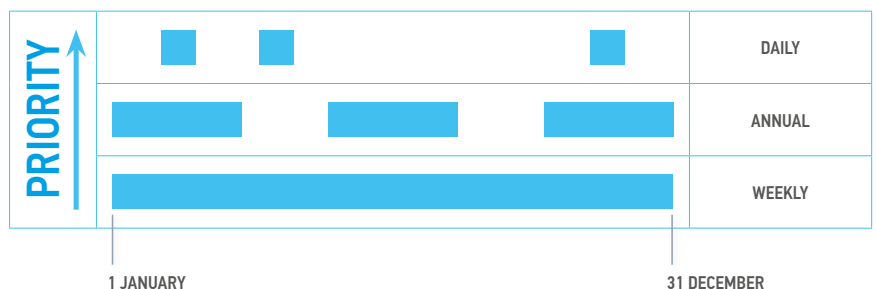
The types 13.21-B000 once associated with a type 12.B2 to be used with the YESLY system must be associated with the system, reset to factory data and associated again.



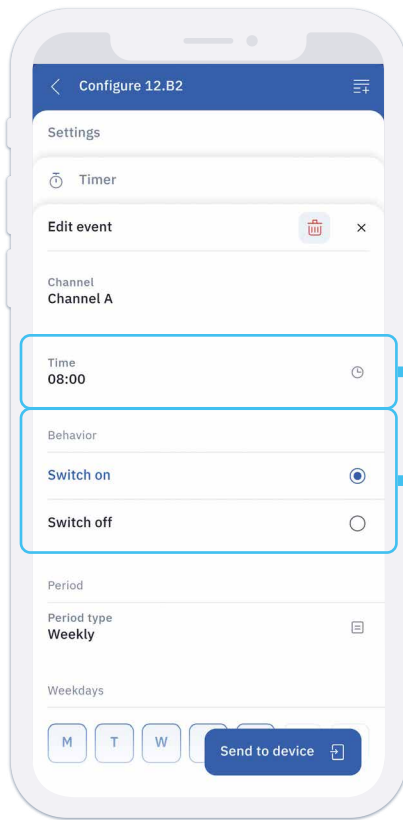
# PERIOD TYPE

Type 12.B2, being an annual clock, requires a configuration relating to the type of period to be configured:

- **WEEKLY:** "standard" programming runs every day, low priority. Max 60
- **YEARLY:** programming runs between 2 specific dates. Medium priority. Max 20
- **DAILY:** performed on a specific day of the year. Eg. Christmas Day High priority Max 20



# TIMER (CLASSIC)

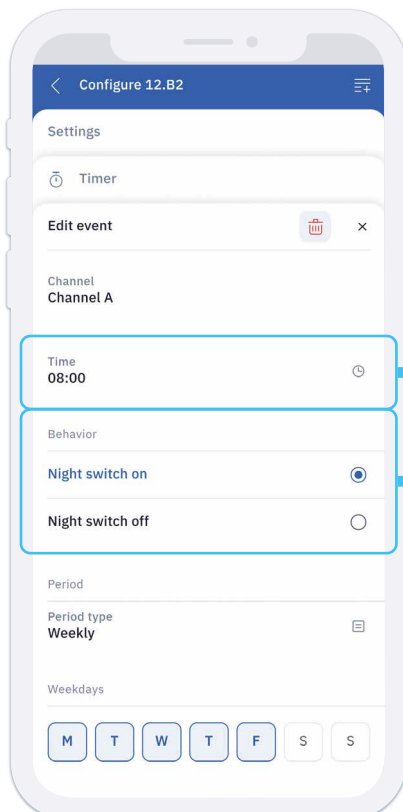


Time at which the function should be executed

Function to execute

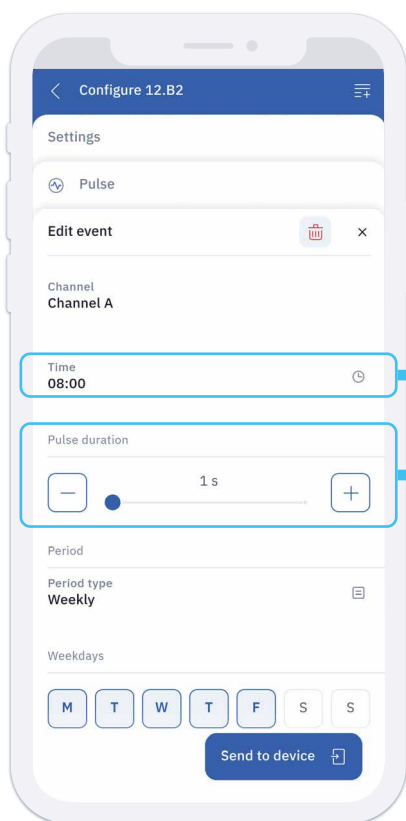
# NIGHT SHUTDOWN MANAGEMENT

With the **NIGHT SHUTDOWN MANAGEMENT** function, it is possible to ensure an on or off priority at the time of the function to ensure, for example, that the output is switched off at dawn.



Time at which the function should be executed

Function to execute

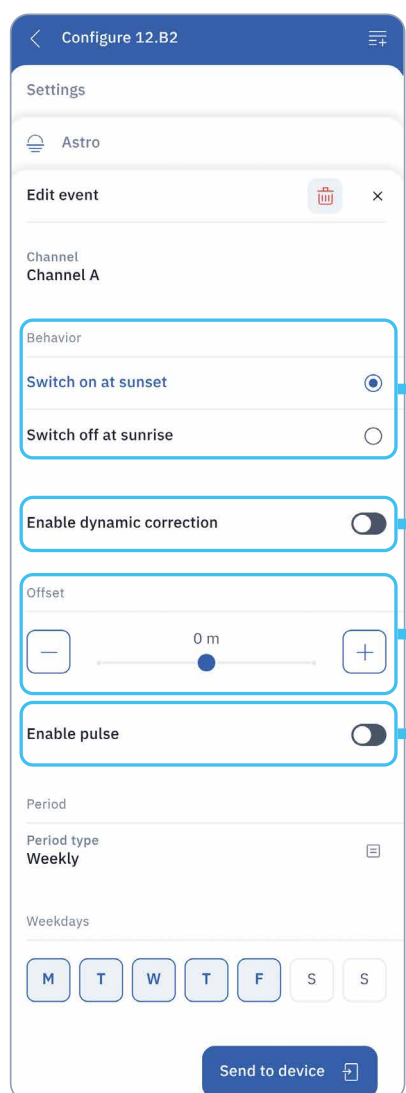


## PULSE

With the **PULSE** function, it is possible to set the activation of the selected channel at a specific time for a time from 1 second to 90 minutes.

Time at which the function should be executed

Pulse duration (1 sec – 90 min)



## ASTRO

The **ASTRO** function allows “light-dependent” management by enabling or disabling the channel according to the sunrise and sunset times. It is possible to set an offset from the natural time.

Selection of the **ASTRO ON** function (turn on at sunset) or **ASTRO OFF** (turn off at sunrise)

If necessary, it is possible to set the dynamic offset on the **ASTRO** function, adapting to the variability of the twilight of the various seasons within a settable offset

Offset based on the natural time of sunrise or sunset

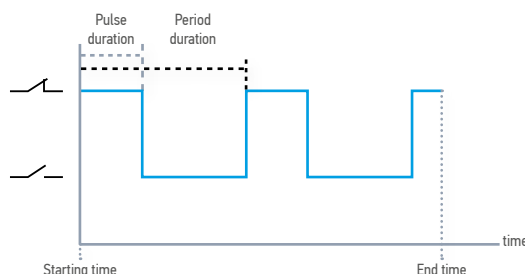
If necessary, it is possible to set the **ASTRO PULSE** function (1 sec - 90 min)

## CYCLIC

The logic of the **CYCLIC** function is similar to that of pause and work. It is necessary to set a start time, a function end time then the time of the complete work cycle and the time of the pulse at the ON start.

Times within which the function must be active

**Period duration:** duration of the complete work cycle  
**Pulse duration:** duration of contact switching on



## RANDOM

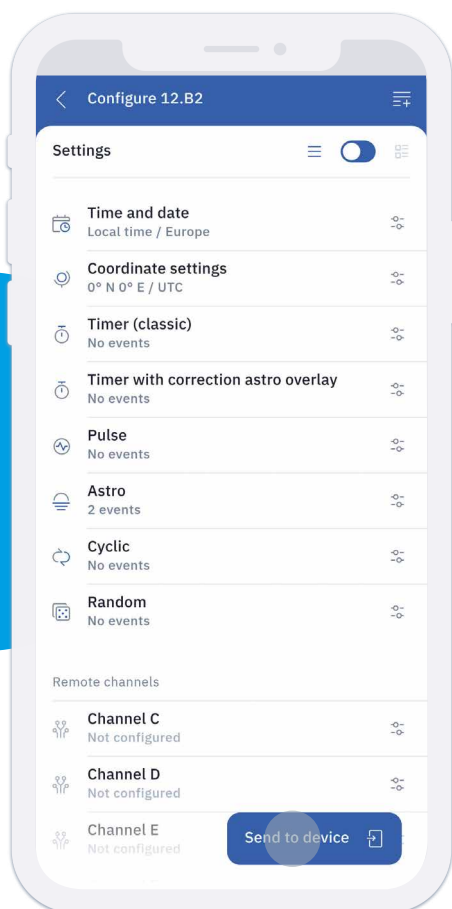
With the **RANDOM** function, you can carry out random switching. Eg. to simulate your presence at home when you are on holiday.

Times within which the function must be active

# CONFIGURATION MANAGEMENT

## HOW TO SEND THE CONFIGURATION

01



Once the configuration setup is completed, press “Send to device” to continue.

You can:

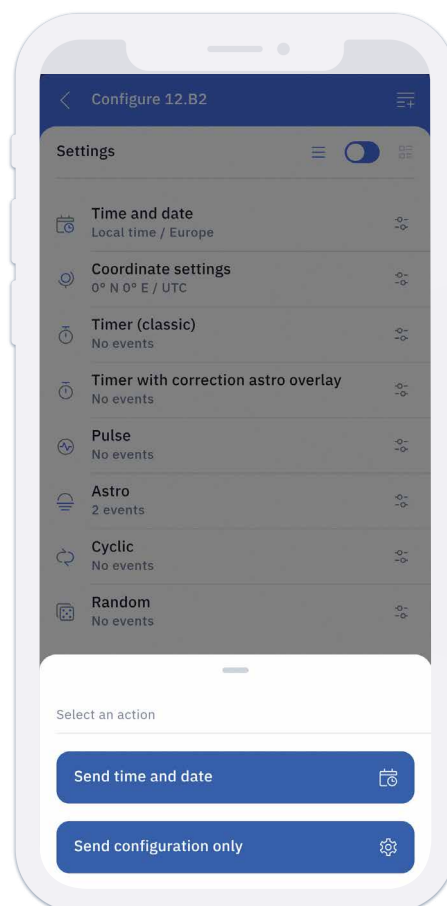
- **Send time and date:** send only the time and date (no postal code and coordinates)
- **Send configuration:** send all configuration settings as well as time, date, postal code and coordinates

### NOTE

If in Bluetooth mode, the transfer is automatic (press the joystick down if the transfer is not immediate).

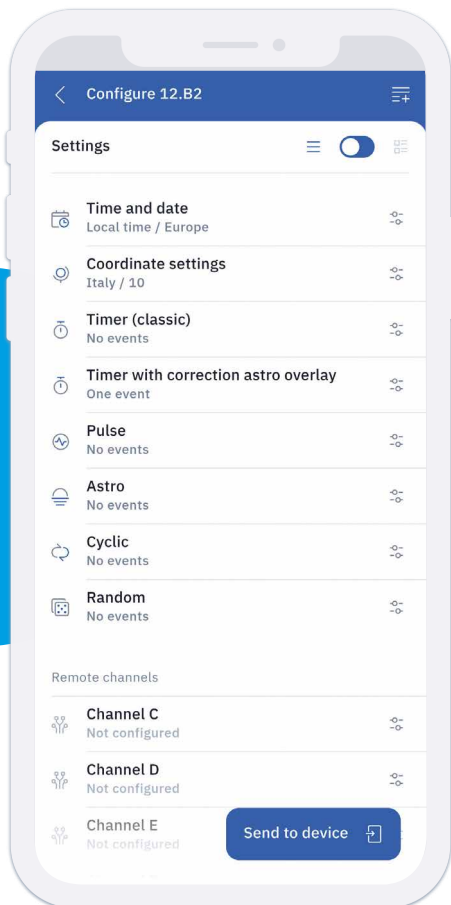
In NFC mode, it is necessary to touch the back of the phone against the front of the type 12.B2.

02



# SAVING CONFIGURATION SETTINGS

01



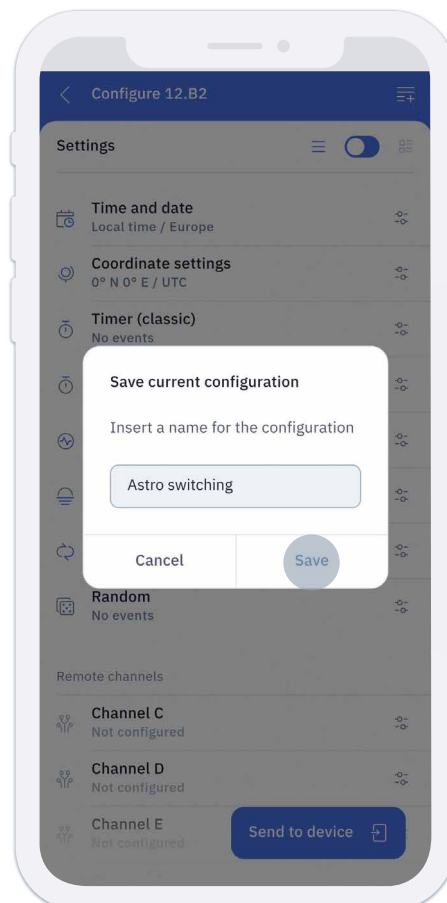
Once the configuration setup is completed, select the icon in the top right of the app to save it.

Enter the name of the configuration and select “Save”.

## NOTE

The saved programming does not include the association of both external input and output channels, but the programs relating to channels B, C, D, E, F will still be saved. It will therefore be necessary to associate different devices to the different type 12.B2 on which the saved programming will be applied.

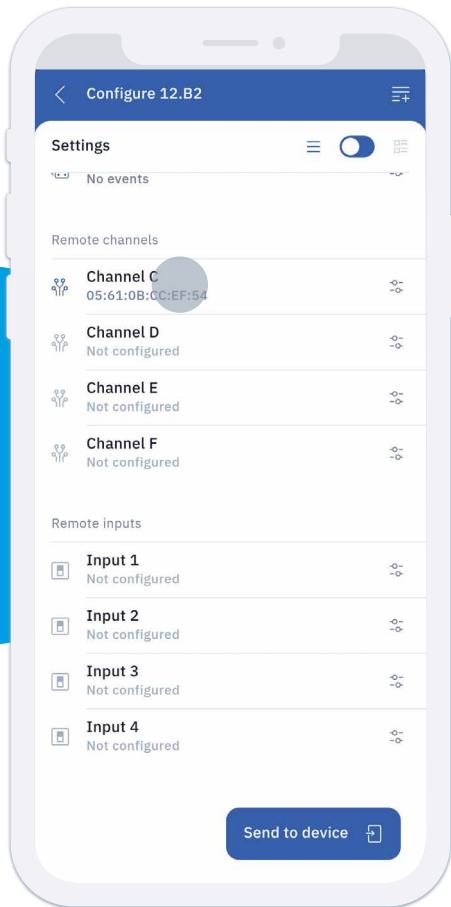
02



# EXTERNAL CHANNELS

## TYPE 13.21-B000 ASSOCIATION (CHANNELS C, D, E, F)

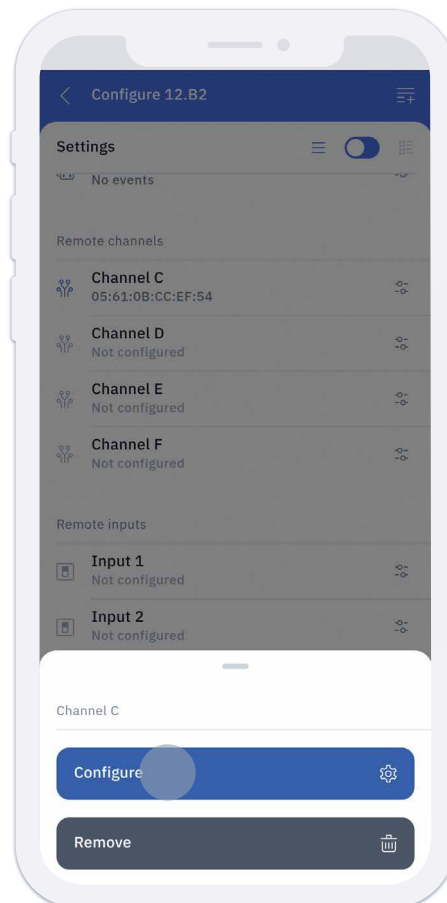
01



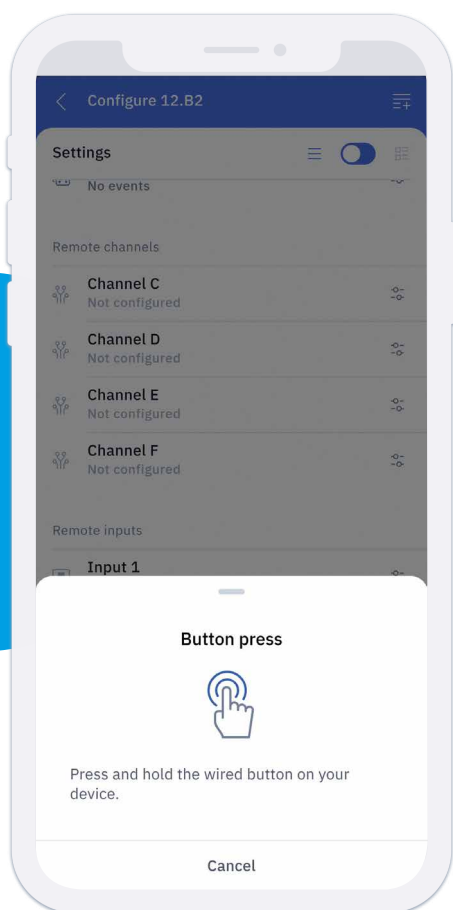
To associate an external channel, select it from the list on the main screen.  
Eg: Channel C

Before powering up type 13.21-B000, wire a button between terminals L and P1 as it will be used for association.  
Press “Configure” to continue.

02



03



Press and hold down the button between terminals L and P1 of Type 13.21-B000. When prompted, release the button.

#### NOTE

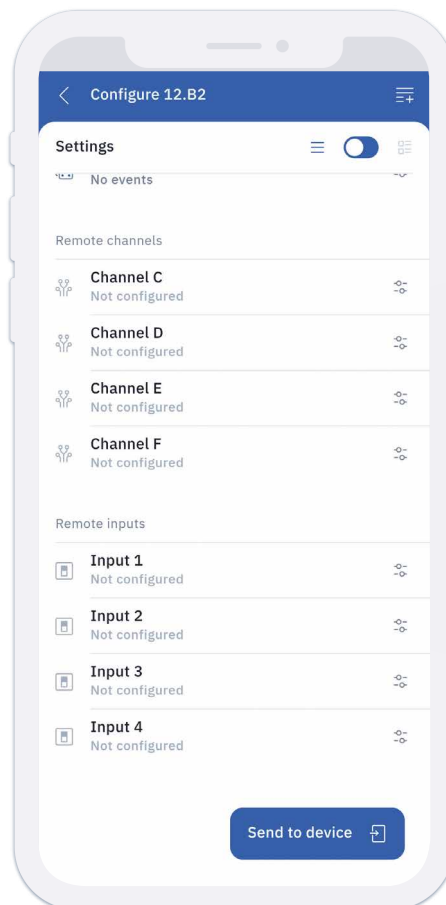
Once associated, the P1 pushbuttons of type 13.21-B000 will be disabled.

Now the device is associated, it is good practice to mark the channel on the type 13.21-B000 for easier identification.

#### NOTE

Once the Type 13.21-B000 has been associated with a type 12.B2, it must be reset to factory settings before being associated with another 12.B2 or YESLY system.

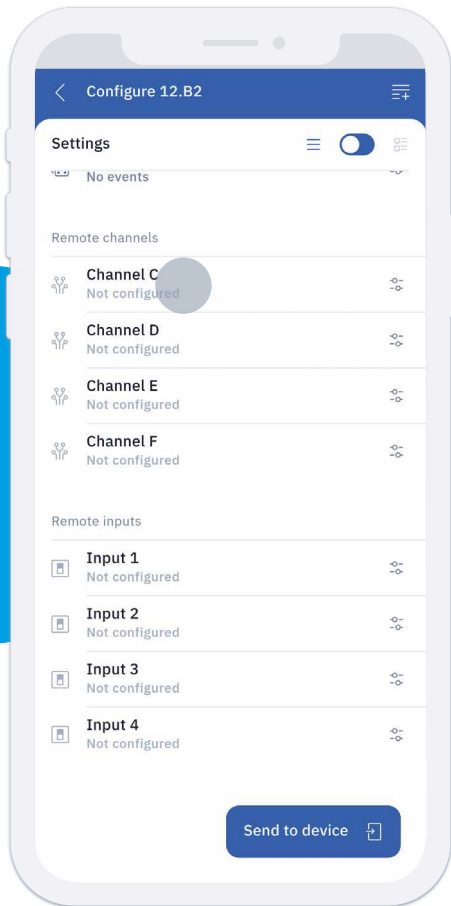
04





# TYPE 13.21-B000 REMOVAL

01



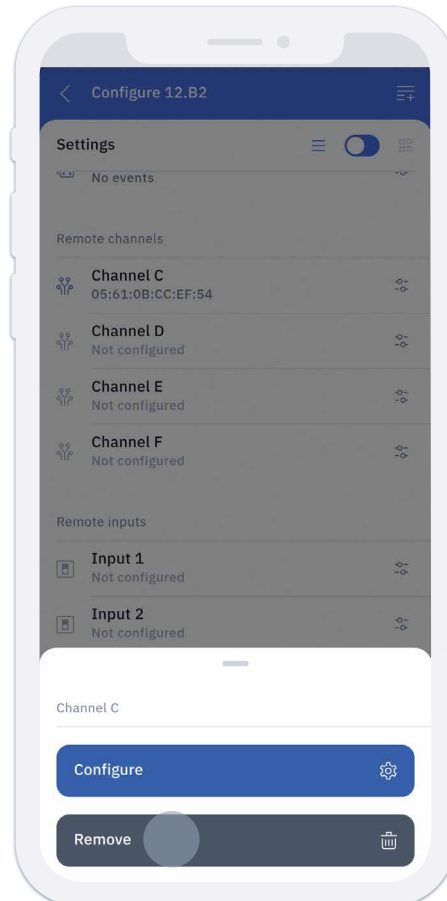
Selected the external channel you want to remove.

Select "Remove".

## NOTE

You must be near the device for this operation to be successful.

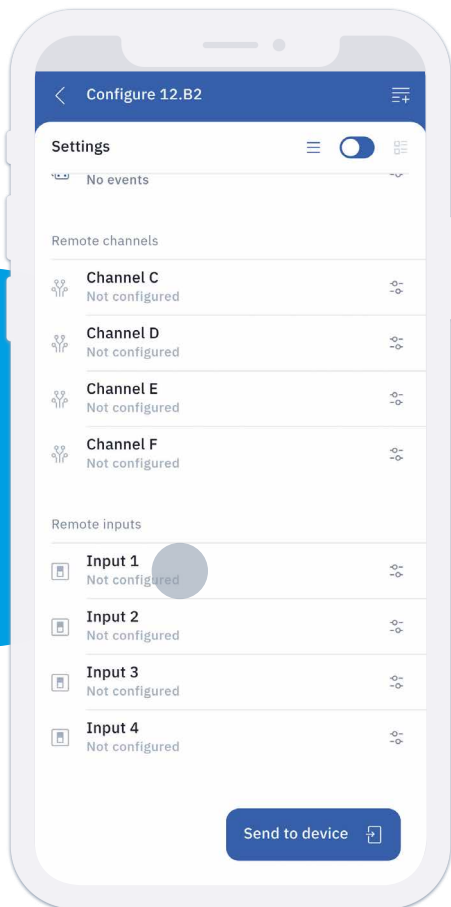
02



# EXTERNAL INPUTS

## TYPE 1Y.P2 ASSOCIATION

01



To associate an external input, select it from the list on the main screen.

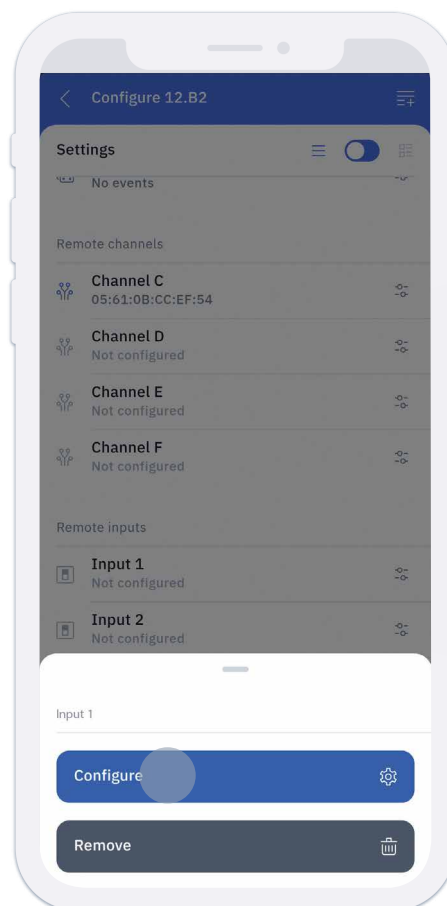
Eg: Input 1

### NOTE

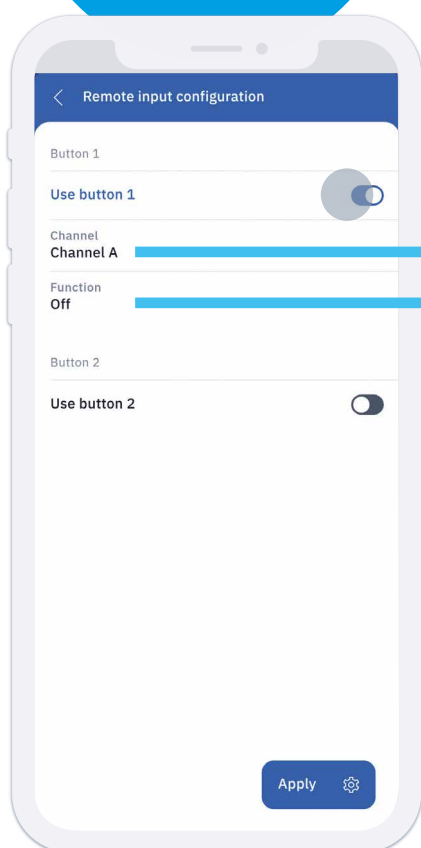
Check that the type 1Y.P2 input interface has not been previously configured as a “scenario” in a YESLY system.

Press “Configure” to continue.

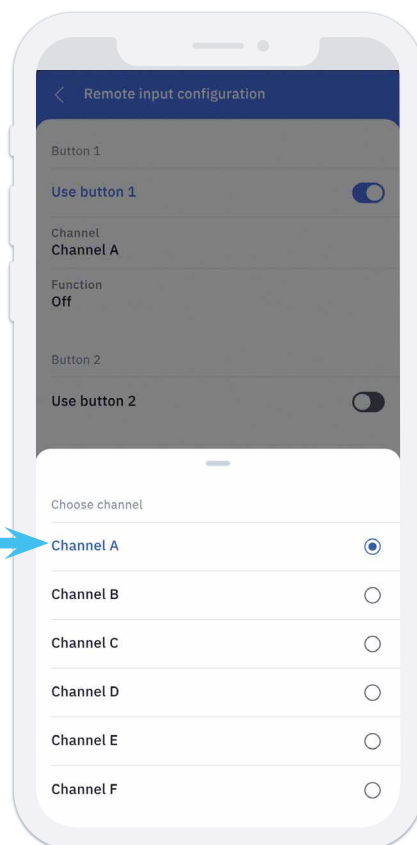
02



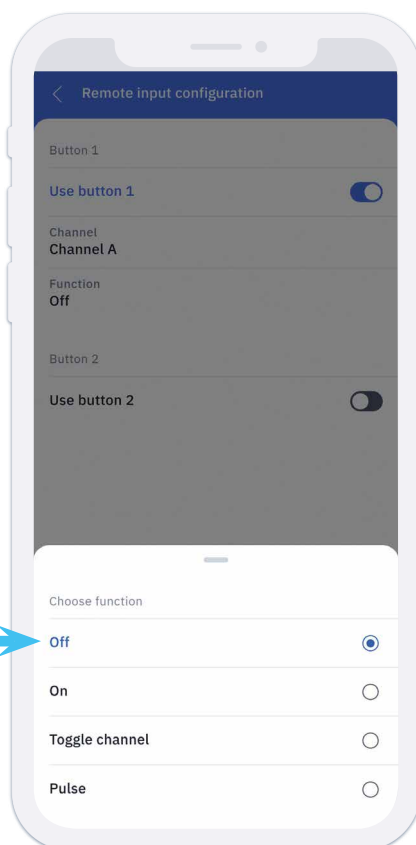
03



Select the buttons (P1, P2) you want to use.



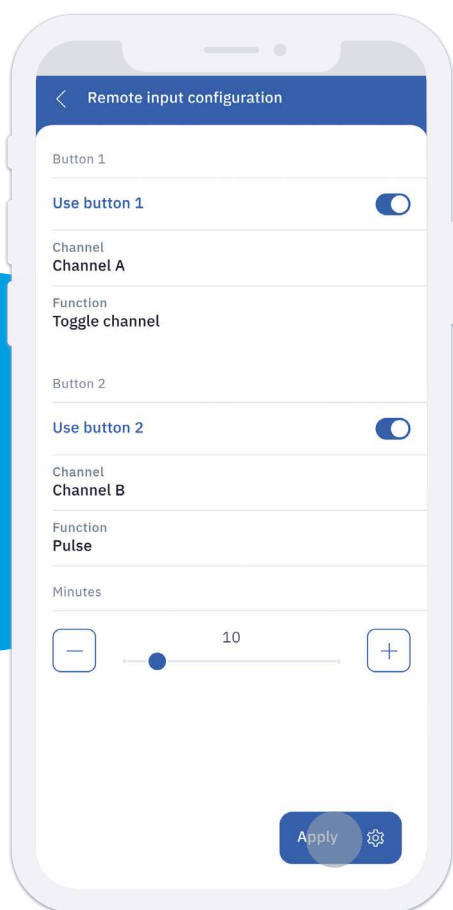
You can associate the button with either an internal or remote channel.



You can set various functions to the button, including:

- **OFF:** forcing off
- **ON:** forcing on
- **Toggle:** step relay, switches the output at each pressure
- **Pulse:** like a staircase timer, it keeps the channel on for a specific time (resettable)

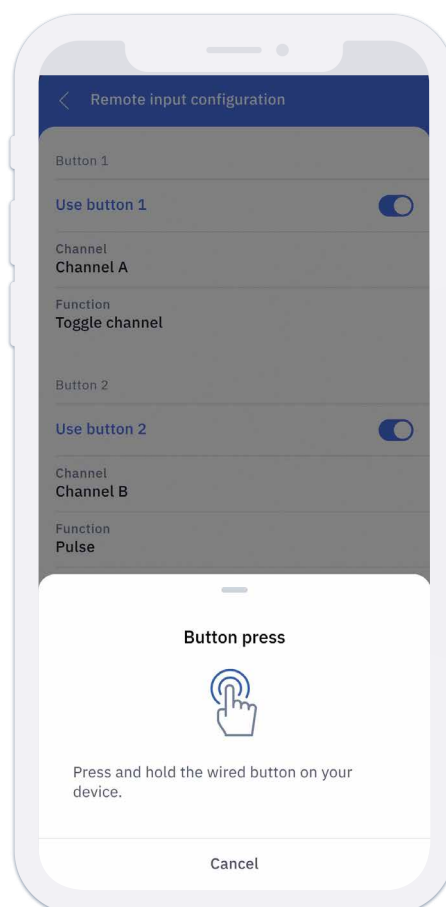
04



To complete the configuration, select “Apply”.

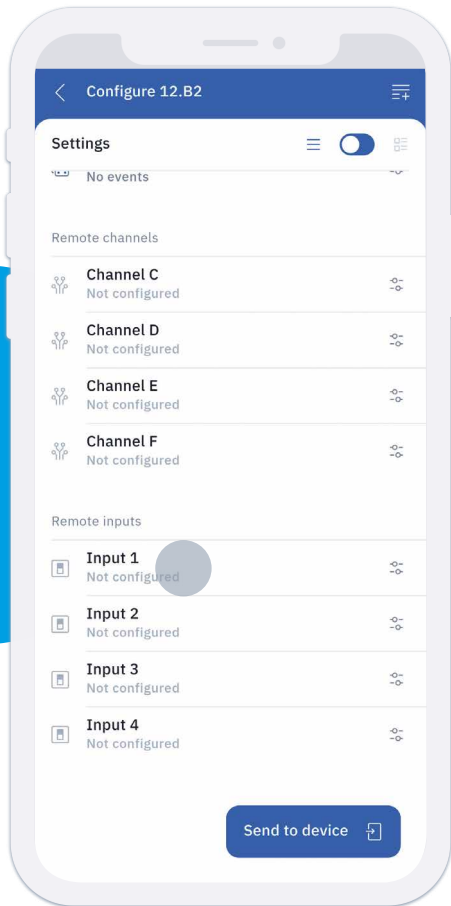
Press and hold the required wired push button connected to the type 1Y.P2 (these buttons should be connected between P1-L1 or P2-L2). When prompted release the wired push button. Wait for the configuration to be transferred to the type 12.B2.

05



# TYPE 1Y.P2 REMOVAL

01



Select the external input you want to remove.

Select "Remove".

## NOTE

You must be near the device for this operation to be successful.

02

