

# SPIN remote SDC-1

## *Discover a new, playful user experience.*

SPIN remote SDC-1 is a revolutionary '1-gesture' controller that helps you steer smart and non-smart devices seamlessly via Infrared, Bluetooth and/or Wi-Fi (via SPIN remote App). It turns every gesture into a command and confirms it through a gentle vibration - transforming a functional 'one-way remote command' into a fun and playful experience. It consolidates all the core functions of your remote controls and control apps in one.

## **What's in the box?**

- SPIN remote SDC-1
- AA battery (2x)
- Cleaning cloth
- Quick start guide
- Instruction guide

## **What else is needed?**

**The App:** The official SPIN remote App, which can be downloaded (free of charge) in the official App store or in the Play store by searching for "spin remote". You will need the App to setup your SPIN remote, perform updates and to control your smart devices.

**Original remote control:** To control an infrared device you will need your original remote control and learn SPIN remote the infrared commands by following the instructions in the App.

**Bluetooth & Wi-Fi:** To control smart devices like Philips Hue and Sonos there needs to be a Bluetooth connection between SPIN remote and a smartphone / tablet. In addition the smartphone / tablet needs to be connected to the same Wi-Fi network as the Philips Hue bridge or Sonos speakers are connected to.

## Products that work with the SPIN remote SDC-1?

SPIN remote is compatible with most of the Infrared controlled devices. Below you will find an overview of the brands that are known to be compatible with SPIN remote, or at least for the majority of the models.



\* SPIN remote is compatible with the models that use an IR remote control, there might be exceptions for models that use an RF remote instead.

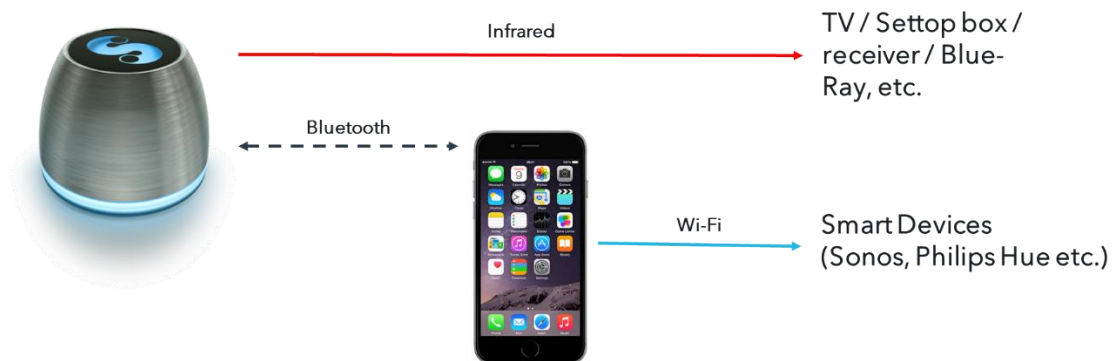
## Products that do not work with the SPIN remote SDC-1?

Below a list of the known products that are not compatible with SPIN remote.

Product	Model type	Reason why	Possible solutions	Development status
Airconditioning	All	Products use specific Infrared protocols which are not compatible with SPIN remote	Add an AC control infrared database.	To be defined.
Bang & Olufsen	All	Products use specific protected Infrared protocols which are not compatible with SPIN remote	Control B&O smart devices via Wi-Fi.	To be defined.
Products with a Radio Frequency (RF) remote control only	Examples: - LG Smart TV with a magic remote - Ziggo Horizon box (with Qwerty remote)	Some remote controls only support RF which is a closed protocol from the manufacturer and can be learned with SPIN remote.	Control smart devices like a Smart TV via Wi-Fi or pre-program the IR commands if the device supports IR (which most devices do).	11-2016: Added LG Smart TV as a smart device to the App. Control is done via Wi-Fi (via the App). More devices to follow soon.
Bluetooth streaming speaker	All except when they have an IR remote control or smart devices (like Bose Soundtouch)	Most Bluetooth streaming speakers use Bluetooth Classic, which is completely different from and not compatible with Bluetooth Low Energy that SPIN remote uses.	If the speaker has an IR remote control you can learn the commands with the SPIN remote App.	To be defined.

## How does the SPIN remote work?

SPIN remote is equipped with 6 high quality Infrared LED's and a Bluetooth Low Energy (BLE 4.1) module.



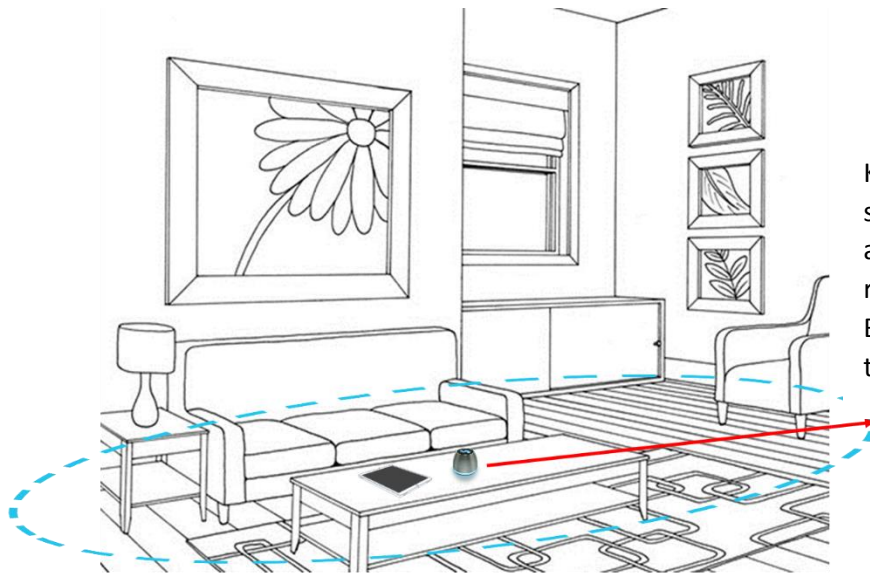
**Infrared:** SPIN remote can be used to control infrared devices like a TV, Settop box, receiver, Blue-Ray player and more. Because the SPIN remote is equipped with 6 Infrared LED's, compared to 1 LED on a regular remote control, there is no need to point your remote to your device anymore.

SPIN remote can be used as a standalone device when controlling Infrared devices. There is no need to connect to a smartphone / tablet.

**Bluetooth:** The Bluetooth connection is used between SPIN remote and the smartphone / tablet during setup and when installing new software updates with the SPIN remote App. The Bluetooth connection is also required when SPIN remote is used to control a smart device like Philips Hue, Sonos and more.

In order to control smart devices it is necessary to take the following conditions into account:

- The SPIN remote App has to be kept active in the background from the smartphone / tablet.
- The Bluetooth connection on the smartphone / tablet needs to be enabled all time (this type of Bluetooth communication is very efficient and has a very low power consumption).
- SPIN remote has to be within Bluetooth range of the smartphone / tablet (normally within a range of 5 meter).



Keep your smartphone / tablet and your SPIN remote within Bluetooth range / in the same room

### How do I use the SPIN remote SDC-1?

SPIN remote can be used as a dial in three different positions, the bottom contains a smart touchpad which can be used for additional swipe and touch functions. In total the number of functions adds up to 20 per profile.



Rotate normal position



Rotate sideways



Rotate upside down



Swipe up & down, right & left













Navigation / On-Off

For example you can rotate SPIN remote in its normal position to change from one channel to the next, rotate it sideways to change the volume and rotate it upside down to turn on the lights. The touchpad can be used to turn devices on/off and to navigate your TV guide or Apple TV.









The idea behind SPIN remote is not to adopt all the functions of your existing remotes, but to combine the functions that you truly use, your favourites, into 1 profile. In total SPIN remote can store up to 7 profiles which can be identified by its colour.

It is up to you how you want to use these profiles. You can choose to have 1 profile per device, per person or per activity. Below an overview of 2 of the most popular use cases.

Use of profiles: 1 profile per device

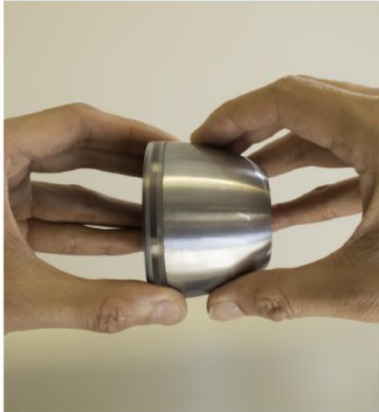
						
Profile name	Profile color	Rotate Normal position	Rotate sideways	Rotate upside down	Swipe up & down, right & left	Navigation / On-Off
<i>Samsung TV</i>		Change channel	Adjust volume		On / Off, Source	Smart menu navigation
<i>Settop box</i>		Change channel	Adjust volume		On / Off, Source TV - Radio	TV Guide navigation
<i>Sonos</i>		Track change	Adjust volume Living room	Adjust volume Kitchen	Play / Pause	Volume, track, play / pause
<i>Philips Hue</i>		Brightness Hue light 1 & 2	Brightness Hue light 1	Brightness Hue light 2		
<i>Apple TV</i>					Source TV	Menu navigation

Use of profiles: 1 profile per activity

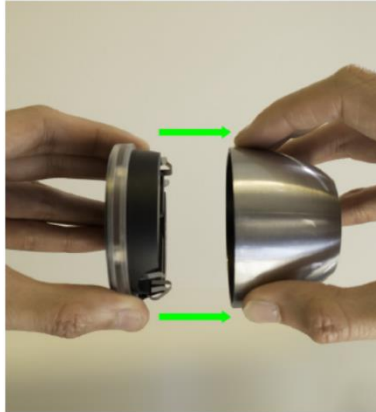
						
Profile name	Profile color	Rotate Normal position	Rotate sideways	Rotate upside down	Swipe up & down, right & left	Navigation / On-Off
<i>On/Off</i>		Brightness Hue light 1 + 2 + 3	Brightness Hue light 4 + 5	Brightness Hue light 1-5		On/Off TV, On/Off Set-top, On/Off receiver
<i>Watch TV</i>		Channel settop box	Volume receiver	Brightness Hue light 1	Source TV, Source Settop box	TV Guide navigation settop box
<i>Listen radio</i>		Channel settop box	Volume receiver		Source Settop box	Radio Guide navigation

## How to start?

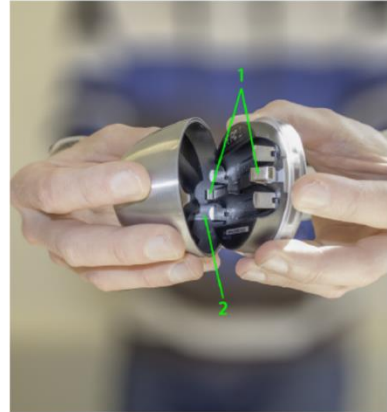
### Step 1: Opening and closing of the battery compartment



Grab both bottom and the shell



Pull apart and install the batteries



To close: line up the shell clip on the bottom (1) with the recess (2) on the shell and close

### Step 2: Download the SPIN remote App in the official App store.



### Step 3: Follow the instructions in the App.

## How can I create a profile?

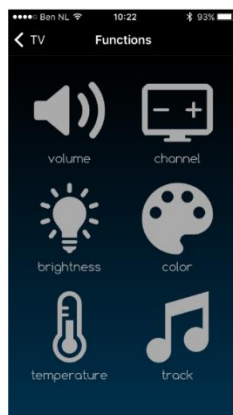
Open the App. Click on “+ add you first profile” and follow these steps:



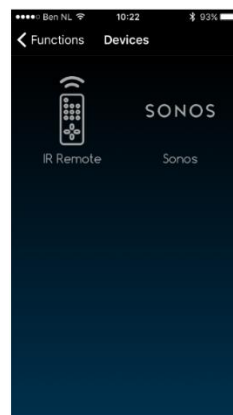
1. Select a color and enter a name



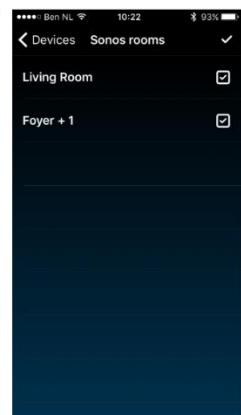
2. Select the action you want to program



3. Select the preferred function for this action



4. Select the device you want to control



5. Select the Sonos rooms for this profile

## How do I switch between profiles?



Tap twice on the logo disc or on the aluminium shell to change between profiles

## How do I use the touchpad?

In order to operate the touchpad it is important to hold it in the right position.

One of the unique features of the product is that it is a round product with a round touchpad. This makes it almost impossible to identify what side is up, down, right or left. Fortunately the smart software of SPIN remote is taking care of this. Up will always be up and right will always be right because the software corrects this automatically. All you need to do is to keep the touchpad always under an angle so the product knows what side is up.



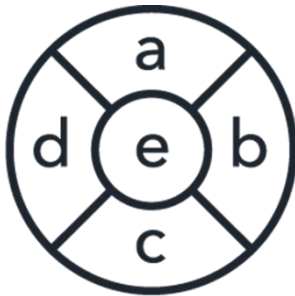
Don't hold it horizontally



Hold it at an angle to register the top of the touchpad

## The smart touchpad PCBA can be used for the following control functions:

The touchpad is divided into 5 segments (a,b,c,d,e).



Each segment can store up to 2 functions, touch once or long press:

- Function #1 - #5: Touch the segments a-e once.
- Function #6 - #10: Long press segment a-e.

The touchpad can also be used for swipe movements, both horizontal and vertical:

- Function #11 & #12: Swipe your finger vertically from top to bottom or bottom to top (segments a, e, c)
- Function #13 & #14: Swipe your finger horizontally from left to right or right to left (segments d, e, b)

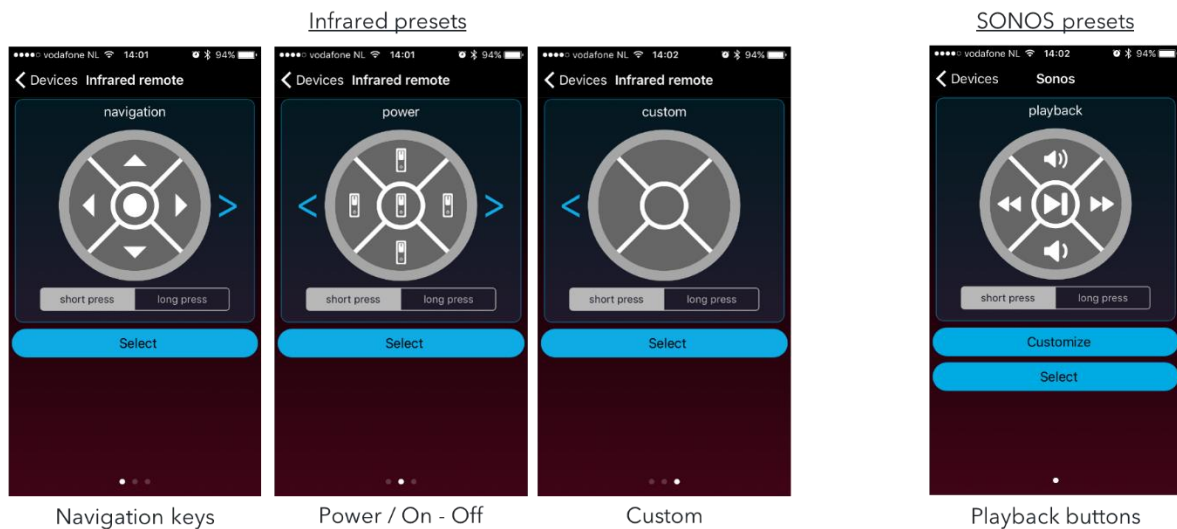
Each function will trigger a light vibration as a feedback. For the swipe movements it is important to touch all the 3 segments.

## For what kind of functions can I use the touchpad?

The swipe movements can be used for different application, for example; to turn on / off an infrared device, activate the play / pause function from your Sonos or change tracks on your audio system.

At the moment there are 4 different presets programmed in the App to simplify the use of the segments on the touchpad. There are 3 presets for infrared devices and 1 preset for Sonos. By selecting one of the presets the App will guide you through the setup process.

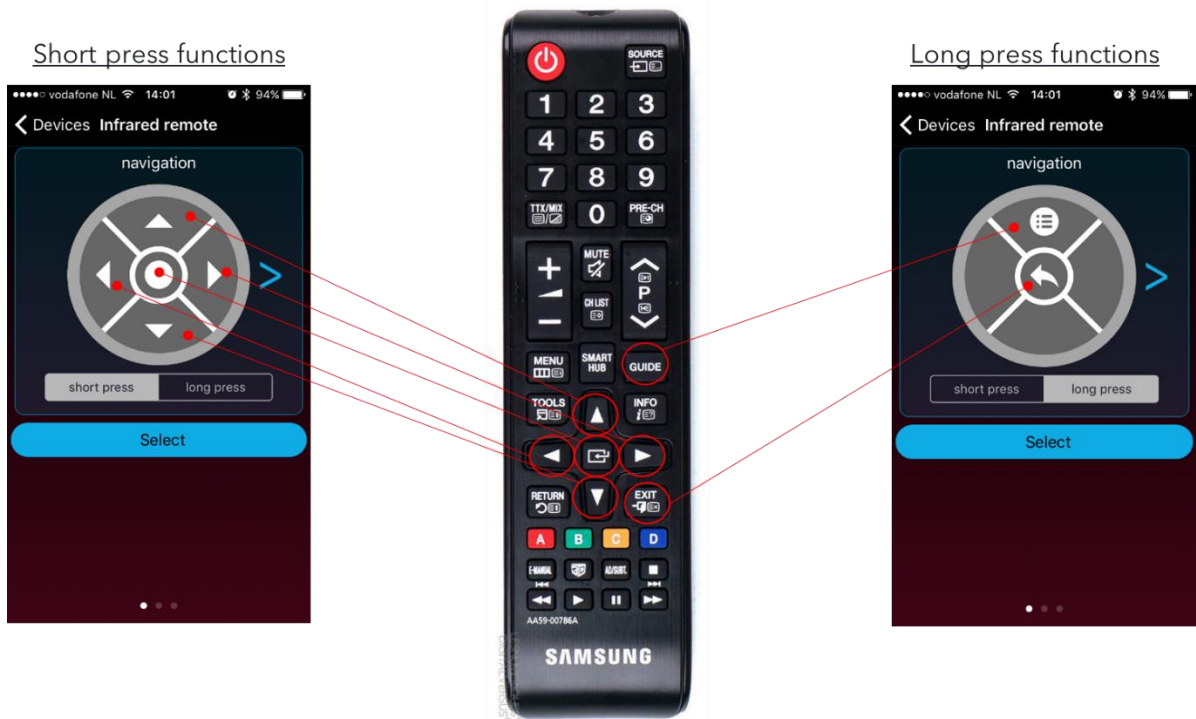
Below an overview of the different presets that are now pre-programmed in the App:





For example the “Navigation” preset can be used to control the TV guide. In total 7 buttons need to be programmed into SPIN remote for this function. The buttons can be grouped as follows:

- Short press the segments a, b, c, d, e for the navigation arrows and for the OK button.
- Long press the segments a & e for the “Guide” button and the “Exit” button.

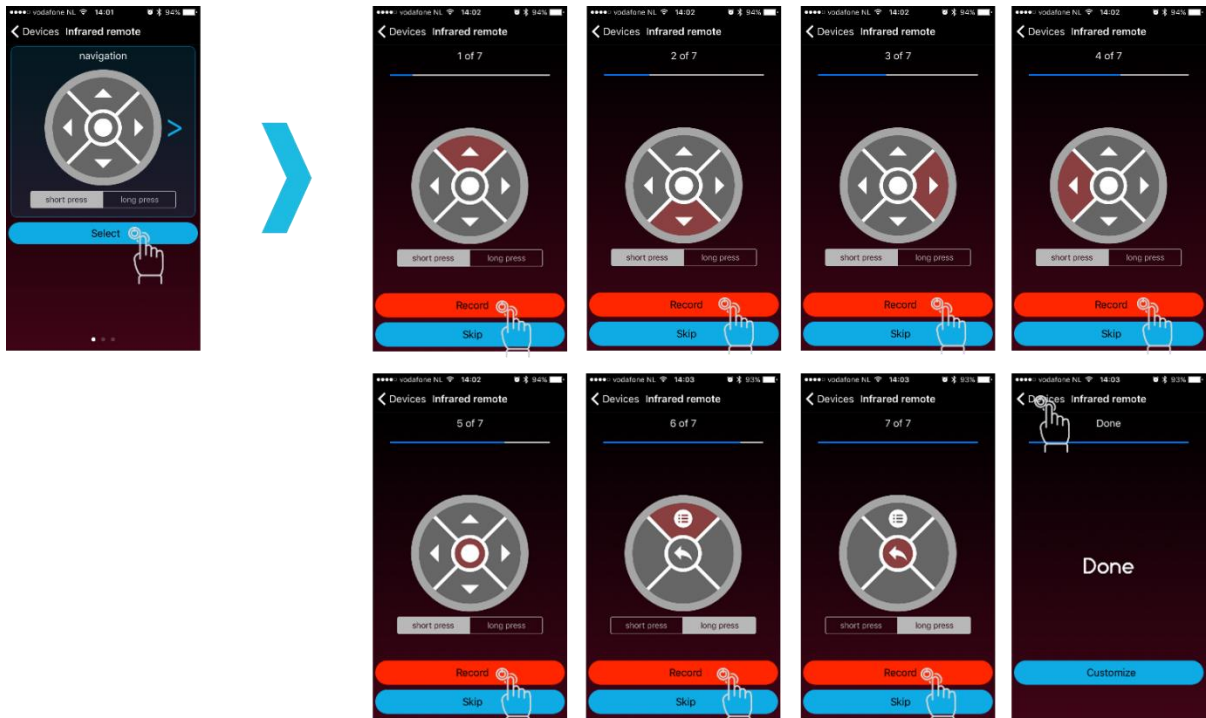


### How do I setup the touchpad?

By selecting one of the presets, the App will guide you through the setup process to learn the infrared commands step by step. For the preset “Navigation” there are 7 steps in total to learn all the required commands:

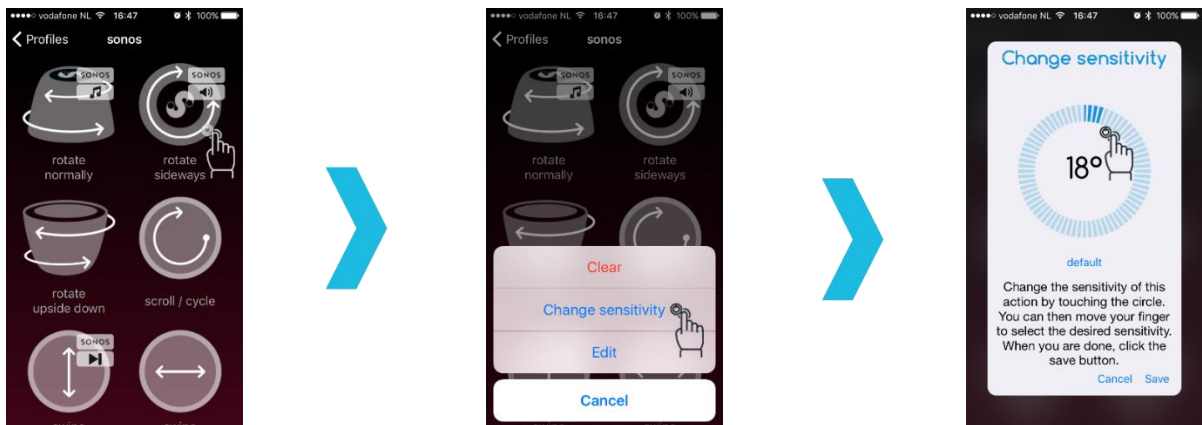
1. Select the profile that you want to use for the navigation function
2. Click on the icon “touchpad”
3. Click on the icon “IR remote”
4. Select the “Navigation” preset (click on the blue arrow to the right when you want to select another preset like “Power” or “Custom”)
5. Click on the button “Select”
6. The active segment of the touchpad is now indicated in red. Press “record” and aim your remote control at SPIN remote (distance of <15 cm) and press the requested button until SPIN remote colors green
7. Continue with the process until all the buttons are programmed

At the end of the process you can also choose to customize the settings by selecting “Customize”.



### How can I change the sensitivity of one of the three rotation functions?

Especially for infrared devices it is difficult to find the optimum between the rotation angle and sending out infrared signals. Each TV brand has its own volume level scale, one brand divided this into 100 steps (going from volume 1-100) and another brand into 20 steps (going from volume 1-20). That is why we added the option to adjust the sensitivity manually by following these steps:





Hold the rotation icon for 1 second

Select "Change sensitivity"

Touch the circle and move your finger to select the desired sensitivity

## How do I use SPIN remote in a household with multiple users?

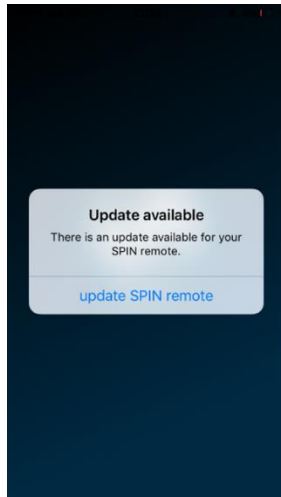
All settings will be stored in the SPIN remote App. When you want to use SPIN remote on multiple smartphones / tablets you will need to setup each device on its own.

	Single user	Multiple users
		
Setup	Setup the device to your likings with the SPIN remote App	<p><b>1 setup for all family members:</b> Install the SPIN remote App and set it up with the same setting for each smartphone / tablet in the family (in the near future we will offer a cloud solution to copy the settings more easily to multiple devices).</p> <p><b>Each user has his / her own setup:</b> Each user can setup the device to his / her own likings with the SPIN remote App. SPIN remote will have these settings as long as it is connected to your smartphone / tablet.</p>
Control Infrared devices (TV, settop box, audio, etc.)	SPIN remote can be used as a standalone device, no need to connect via Bluetooth to a smartphone / tablet, only for setup and updates.	SPIN remote can be used as a standalone device, no need to connect to a smartphone / tablet. It will remember the settings from the smartphone / tablet it was last connected to.
Control Smart devices (Philips Hue, Sonos)	Leave the App running in the background and keep Bluetooth switched on (battery use is very low). SPIN remote will automatically connect as soon as your smartphone / tablet is within Bluetooth range.	SPIN remote will connect to the nearest device as soon as one enters the Bluetooth range. The device will automatically download the settings from the App that is connected first.

## How can I update SPIN remote?

Dependent on your smartphone / tablet settings you will receive a notification as soon as there is a new version of the App or you go the App / Play store to find out if there are updates available. With every update the product will be further improved, based on the feedback that we receive from our customers. There are two different updates available:

1. The App. Every update includes an update of the App. This can include product improvements, new functionalities and new smart devices. In this case only the App will be updated and not the product.
2. The product. On a regular base we will also implement further improvements to the product itself. When this is the case the updated App will automatically push the new software to the SPIN remote.



During the update process of the product (this takes less than 1 – 2 minutes) it is important to keep the App open during the complete process and keep your smartphone / tablet within the Bluetooth range of SPIN remote.

**Need more information?**

Just go to: [www.spinremote.com/support](http://www.spinremote.com/support)

**Give us feedback or ask questions?**

Mail us at: [support@spinremote.com](mailto:support@spinremote.com)