

BATTERY SELECTION (for 2.4GHz oXigen / ARC SSD wireless systems)

The SCP-3 can be powered by an optional Li-Po battery which may be stored inside the handle, in place of the cartridge. If powered by the battery, the SCP-3 becomes a wireless, untethered device directly compatible with Slot.it oXigen and Scalextric SSD digital systems.

LiPo batteries can be damaged if allowed to discharge below a safety threshold. Our electronics incorporates a circuit which protects the battery against over discharging.

The battery inside the SCP-3 can be charged like the battery of a normal mobile phone through the USB charger plug. The controller cannot be operated via USB battery charger power alone.



Battery specification

Capacity	750/1000 mAh
Voltage	3.7V (1s)
Undervoltage protection	Preferably yes
weight	approx. 20g
Max W*L*H	45*28*10 mm
Balance plug	NA
Plug	JST 2pin



The 2.4 GHz radio section of the SCP-3 can also be used if the controller is powered via the SCP-3 power supply cartridge (SCP301c).

THE COMPLETE MANUAL IS AVAILABLE FROM THE 'oXigen' SECTION OF THE WWW.SLOT.IT SITE

READ ME!

ACTIVATE THE SCP-3 BEFORE USE

Thank you for your purchase. Before ANY further action, the SCP-3 must be ACTIVATED with the Slot.it APP. Without activation the SCP-3 will not work. What is the activation? Very simply, via Bluetooth, the APP reads the network ID (known as MAC) of the controller, writes permanently the current date in the SCP-3 memory, and saves the following data: your email, the controller MAC, the activation date, the firmware version, and the device name in a cloud database that we can access. The same data is available on the APP.

The activation date is the date used for warranty. Regardless of when you bought the controller, and of availability of the purchase receipt, we consider a two years period from the day you actually start using your device – which is the activation date.

You must give a name to the controller, which is quite useful thing to do if you have more than one.

As we develop the APP further, it will become an indispensable companion to the SCP-3, extending its capabilities, with more advanced features becoming available.

The app is also the tool used to update the firmware of your controller to the latest version, or to switch to a different one – you can easily reprogram the SCP3 from being an oXigen controller to a to a Scalextric ARC AIR/PRO and viceversa.

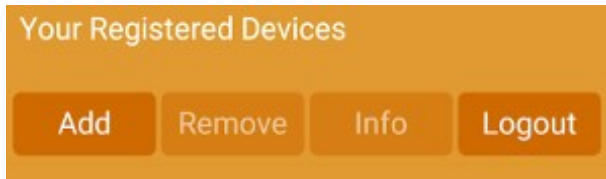
Note: the APP display has been condensed to fit inside these paper sheets.

How to activate the SCP-3:

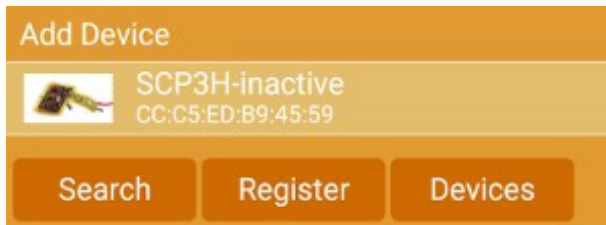


1. Search for oXigen in the APP store. Don't search for Slot.it unless you want get a darn slot machine game. Sownload and install the Slot.it APP on your Android (Android 7.0 or greater) or iOS device. Make sure the geographic location is turned on. This is need by Android Bluetooth function, we don't use such data.
2. Register yourself (email necessary) to access the APP. Enter your email, and touch 'Request Access Code'. The APP sends a confirmation email is sent to your address: copy the code from your inbox, and enter it into the app in the 'Access Code' field. Now press the 'User Login' button that has just appeared

3. Power on the SCP3. Remember, the SCP3 comes with an ON/OFF/Curve selector switch on the back of the controller. Look at the display – the moving message is telling you to **“LAUnCH tHE APP And Add tHE SCP3 – PreSS AnY button to StArt”**
4. Press any button on the SCP3 (example: the big friendly ~~Panic~~ Brake button) for two seconds, and the display shows 'hn'. 'hn' is the short form for 'handle', that is, the **handle** part of the SCP3. Now it's time to use the Slot.it APP.



5. So launch the APP (you've done that already if you've followed steps 1. and 2.), login if necessary, then click 'Add'



6. The APP searches for the SCP3 for a while (you will notice a circle in the middle of the screen), then when the SCP3 is detected, it appears on screen. Click on 'Register' and choose a name for your SCP3.



7. You are now ready to use your SCP3



8. Click on 'info' to see your controller's data. Name can be changed with the 'change' button, firmware updated with DFU, and for the immediate future you can ignore the 'buy' button as it is inactive.

The SCP3 at power ON

The SCP3 can be switched OFF with the sliding switch on the back. It's a three position switch which also serves to select the response mode between 'curve' and 'linear'. (Needs photo)

Therefore the controller can be easily switched on and off at will, and can do different things depending on whether it is turned on with or without some buttons pressed.

STANDARD MODE power on: just switch it on without pressing any buttons. If the controller was already activated, then just drive your car. If it wasn't active, and you see a moving message inviting you to launch the APP, please refer to the previous section of this manual (activation).

APP MODE power on: to connect to the APP via Bluetooth, switch on the SCP3 with BOTH ARROWS pressed. On display, a moving message shows

APP - SELEct hAndLE or PA CHIP -

meaning that the SCP3 is ready to connect to the APP. As the SCP3 may have or not a power amplifier unit (PA), you must connect either that, or the handle (main controller) to the APP. Select HANDLE with DOWN ARROW, or POWER AMP MODULE with UP ARROW. Display shows either

hAndLE - or PA CHIP -

You can switch back and forth, until you confirm with the round 'brake' button. The message shows (fixed) either

hn or PA

Now the SCP3, handle or PA module, can be reached with the APP.

DFU MODE power on: DFU means 'direct firmware upgrade'. This is seldom used, as we suggest to use the APP (APP mode) to start DFU. However, it may be useful. To enter DFU mode switch on the SCP3 with BRAKE pressed. On display, a fixed message shows

dF

meaning that the SCP3 is in firmware upgrade. Again, the SCP3 may have or not a power amplifier unit (PA), you must select either that, or the handle (main controller) for firmware upgrade. Select HANDLE with DOWN ARROW, or POWER AMP MODULE with UP ARROW. Display shows either

hAndLE - or PA CHIP -

You can switch back and forth, until you confirm with the round 'brake' button. A moving message shows

dFU - SELEct hAndLE or PA CHIP -

Now the SCP3, handle or PA module, can be reprogrammed directly. Note that during the firmware update, it is normal to see funny character appear on the display.

BOOTLOADER MODE power on: the bootloader is a special PC program that communicates, via the oXigen dongle, with the SCP3. To enter this mode, switch on the SCP3 with UP ARROW and BRAKE button pressed. A

u

appears on the display. At this point you should be familiar with the usual Bootloader procedures. Note that if you choose to upgrade firmware through the Bootloader, then the Nordic APP (and not the Slot.it APP) should be used to perform the upgrade