D Switching off

Succesfully switched off
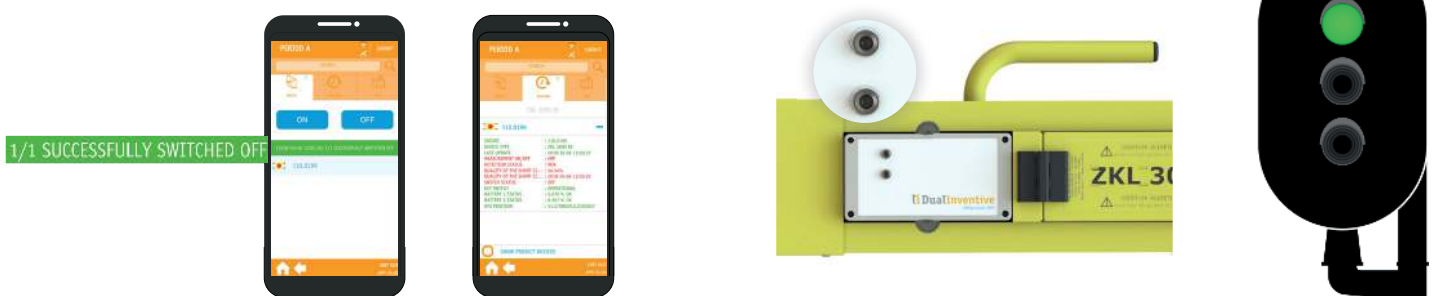
A Icons

Icon	Explanation
	Go back to the main screen
	Go back to projects
	Go back to previous screens
	Refresh the screen
	Delete this document from the project and from your smartphone/tablet

B Statuses

[ID]	[SW]	[DET]	Explanation
110.0199	ON	OK	Device has been switched on and is creating a proper short.
110.0199	ON	NOK	Device has been switched on and is NOT creating a proper short.
110.0199	OFF	NOK	Device has been switched off and is therefore not creating a proper short.
110.0199	-	-	Device is not available.

C Alerts

| Warning	Explanation and solution
ZKL 3000 RC offline in real-time status	Try again, check the batteries and if needed use the override key switch.
ZKL 3000 RC battery is (almost) empty	Replace the battery and try switching again, also check the battery cable if required.
Override key is not in setting OPERATIONAL	ZKL 3000 RC has been overruled with the override key. It is not possible to remotely operate this ZKL 3000 RC. Rotate override key to 'OPERATIONAL' to allow remote switching.
ZKL 3000 RC has been switched on, but there is no short circuit (DET NOK)	ZKL 3000 RC short circuit has not been detected (DET NOK). Please attempt to reseat the ZKL 3000 RC in the track and check again.
Short circuit already present	When switching, a short circuit was already detected in the section. The ZKL 3000 RC cannot guarantee it is creating the short circuit. Check if the section is clear, and then try again. Always be sure of a proper short circuit (in an empty section).
No ZKL 3000 RC in period / no access to period	Consult the project lead.

Ensure your own safety when in a railway environment. Act according to the national regulations.

⚠ After use, remove all batteries. Charge before storing the batteries.

Quick Start ZKL 3000 RC

January 2019
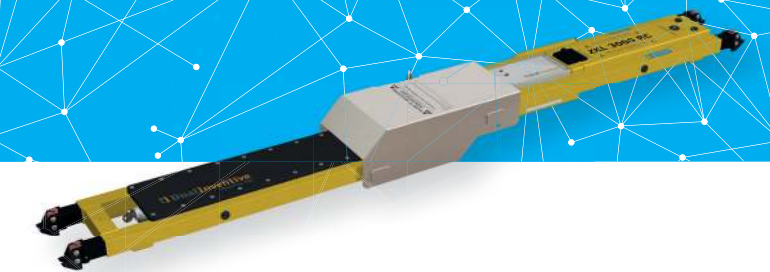
And perhaps we'll see you soon!

info@dualinventive.com
www.dualinventive.com

DualInventive
Ubiquitous Rail

Before you start!

Function test before starting

Installation in track
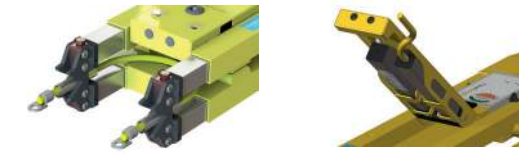
Operating DI APP

Things you need!

- ZKL 3000 RC
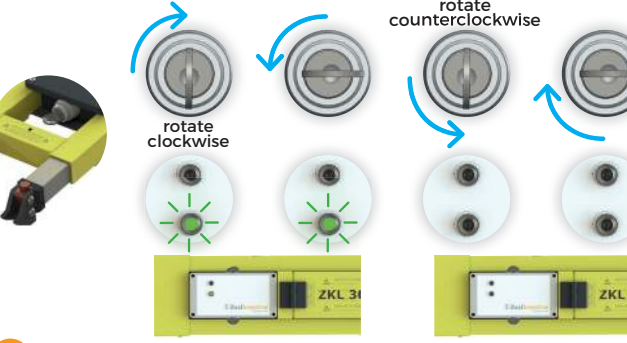- Manual RC
- Certificate RC

Content

A Install both batteries

! Place the test tool and install both batteries to perform the function test.

B Turn the key switch around as follows

rotate clockwise

rotate counterclockwise

rotate clockwise

! Make sure the green LED flashes twice per second during the first two steps!

C Check the ZKL 3000 RC's status in the Dual Inventive app or on mtinfo.dualinventive.com

A Set the key switch of the ZKL 3000 RC to 'ON' during placement and mind the battery cable!

rotate clockwise

B Put the ZKL 3000 RC into the rails

! Ensure that the distance between the bottom of the ZKL 3000 RC and any ballast is at least 30 mm.
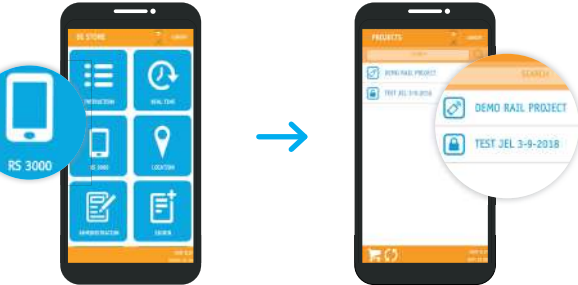
C Install the locking clamp

D Perform the function test again as shown in steps 1B and 1C
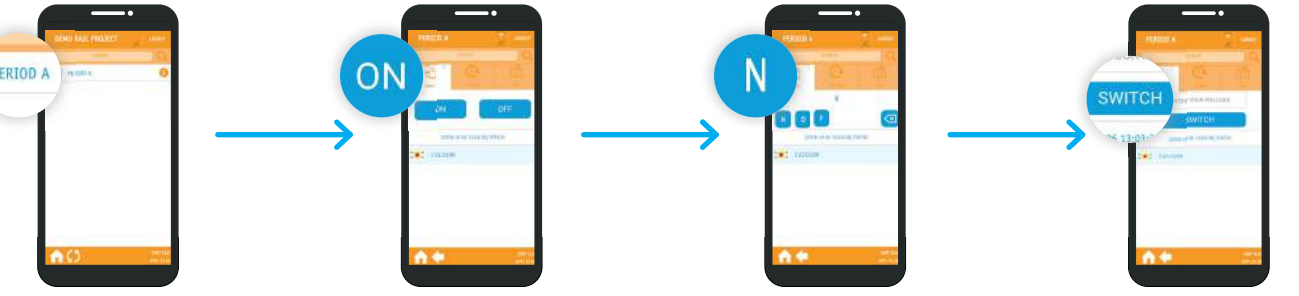
A Logging in

LOGIN

B Selecting project

C Switching on

PERIOD A → ON → N → SWITCH

Succesfully switched on

1/1 SUCCESSFULLY SWITCHED ON

! The green LED flashes twice per second.