

1 Download the 'nRF toolbox' app from the Google Play store.



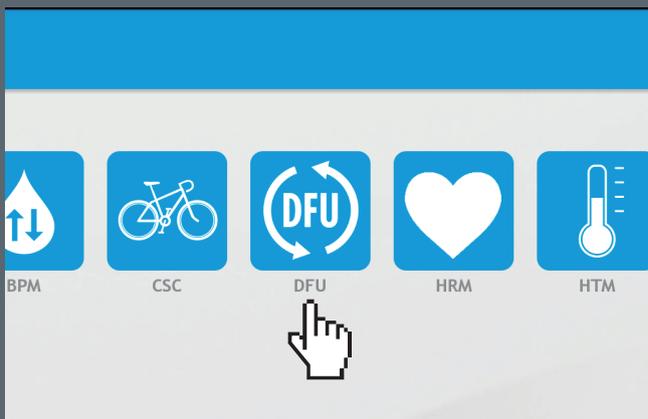
2 Download the firmware file from our website ([www.scalextric.com/ARC](http://www.scalextric.com/ARC)) on your smart device.



3 Open the nRF Toolbox app on your smart device.

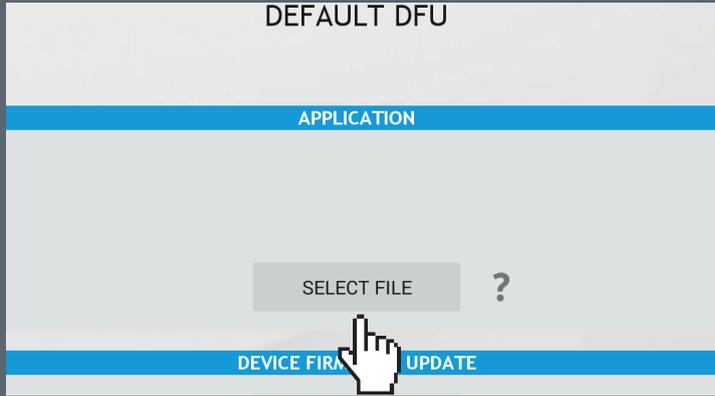


4 Click on the "DFU" mode button. (DFU stands for Direct Firmware Update).



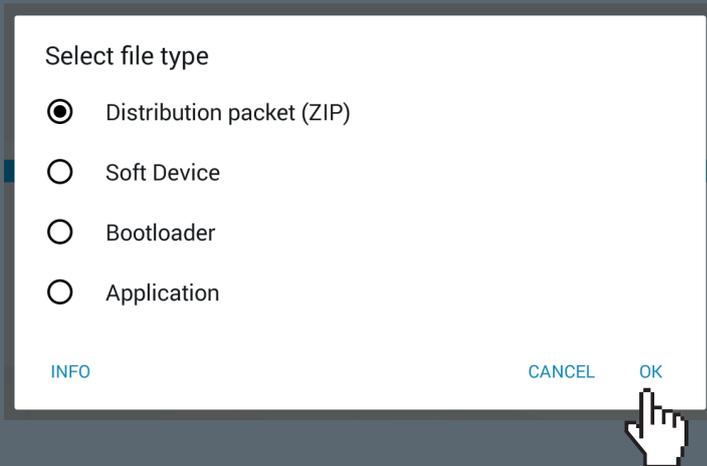
5

Press 'Select File'.



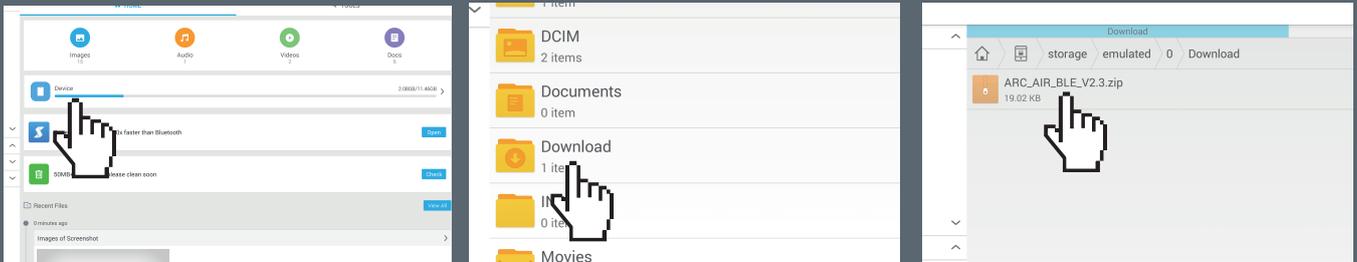
6

Press 'Ok' to select file type of 'Distribution packet (ZIP)'.



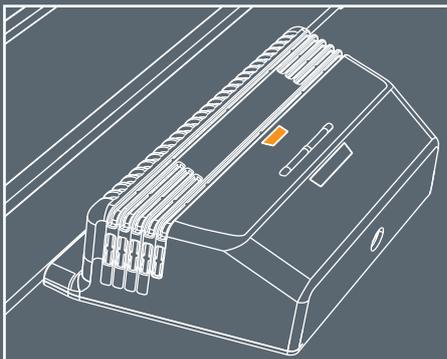
7

Find where you saved the downloaded firmware file and select it. (Example screenshots, all android devices will differ.)



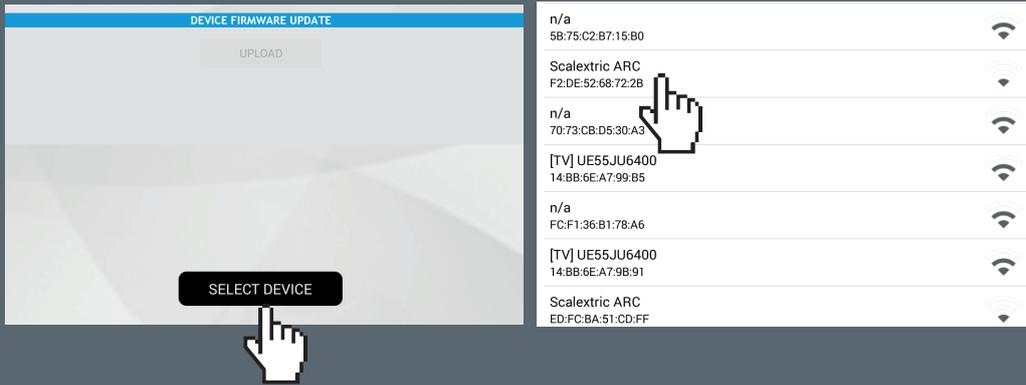
8

Turn on your Scalextric ARC Powerbase.



9

Press 'Select Device' and choose "Scalextric ARC".



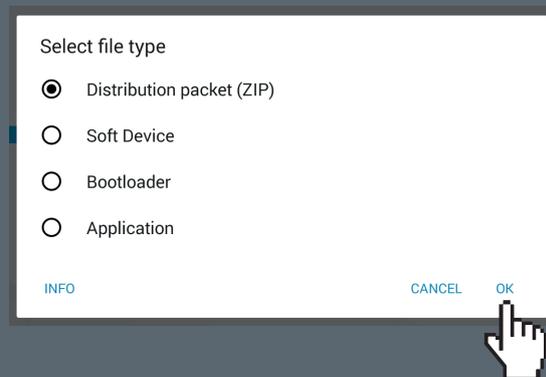
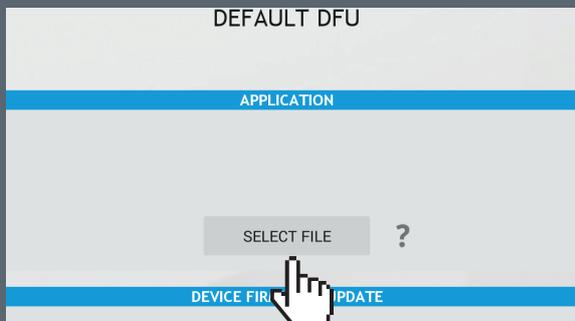
10

Press the 'Upload' button. After some time the connection will drop out and stop (upload error warning will display at foot of the screen). This is putting the powerbase into DFU mode. The power LED will turn solid orange.



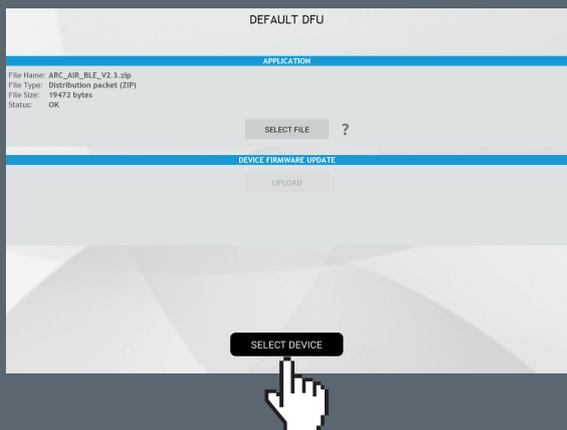
11

Select the file again. (Repeat steps 5,6 and 7 before progressing to step 12).



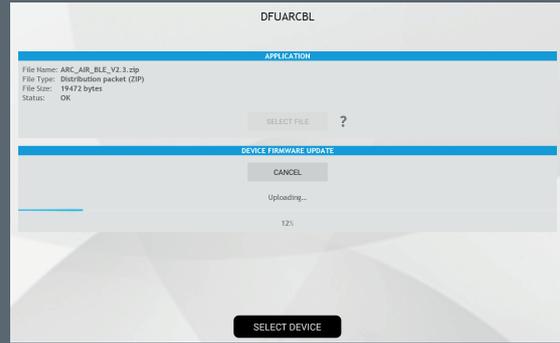
12

Select the device again, which is now called "DfuArcBL" and is the same chip but in DFU mode.



# 13

Press the 'Upload' button again. There should be a progress bar and the download should complete. Ensure the phone does not go to sleep halfway through. The power LED will flash green as the firmware transfers.



# 14

You have now updated the the BLE chip.

# 15

You can now check that you are running the updated firmware by connecting the scalextric ARC App and clicking on the 'About' button.

