

Radian To G-Lock Upgrade Instructions

Upgrade Code

First you need an upgrade code from CARVEC Systems. To get this, you need to download and install the CARVEC Bootloader application from <u>www.carvecsystem.co.uk</u>

Now power up the Radian into bootloader mode (as if you were going to load new firmware)

Run the CARVEC Bootloader and click 'Connect To Target' the confirm the PC link is OK.

Then click 'Window -> Upgrade Menu' as shown on the right.

8	CARVEC Bootloader 1.0	
File W	lindow	
	Comms Link	
	Upgrade Menu	
File		
	Load Firmware File	
Targ	et System Firmware	
	Radian : PWM	
Serial Number Current Version - 0101-0184:000000 1:03		
	Connect to Target	
_ ^{Upd}	ate	
Program New Firmware		
Status ID Request OK.		
Last Error Message		

The number in the 'System Upgrade Code' at the bottom is the one you need to send to CARVEC for the upgrade. Click 'Copy' to copy it to the clipboard so you can paste it into the order form.

5	CARVEC Bootloader 1.0		
File W	/indow		
- New - Sys - File	tem		
	Load Firmware File		
- Targ	jet System Firmware		
	Radian : PWM		
Ser 01	al Number — Current Version - 01-0184:000000 1:03		
	Connect to Target		
<mark>ل Upd</mark>	ate		
	Program New Firmware		
Stat	US		
Last	Last Error Message		
Syst	System Upgrade Code		
	018401000000 Copy		

Upgrading the Radian to a G-Lock

Once you have the upgrade code from CARVEC, repeat the previous steps so you have the bootloader upgrade screen open.

Now copy the upgrade code you have been given and paste it into the box under the code you sent in (as shown) then click 'apply'.

5	CARVEC Bootloader 1.0		
File V	Vindow		
- New - Sys - File	v Firmware		
	Load Firmware File		
-Tar	get System Firmware		
	Radian : PWM		
	ial Number Current Version - 101-0184:000000 1:03		
	Connect to Target		
[^{Upd}	ate		
	Program New Firmware		
[Stat	Status- ID Request OK.		
	t Error Message OK		
_ Sys	tem Upgrade Code		
01	.018401000000 Copy		
407B1A647C176C72			

If the code is valid, you will see the message 'Upgrade OK' in the status bar.

If you get the message 'Upgrade Failed' then double check you entered the full 16-digit upgrade code.

If the upgrade still fails, please contact CARVEC systems and be sure to include both the top upgrade code and the one you entered below it.



8	CARVEC Bootloader 1.0	
File W	indow Firmware em Version	
Targ	Load Firmware File	
- Seri 01	ladian : → CARVEC G-Lock (3-axis)	
Connect to Target		
Program New Firmware		
Last Error Message		
Syst 01	em Upgrade Code	
407	B1A647C176C72 Apply	

And if you click 'Connect To Target' again, you will get confirmation that the module is now a CARVEC G-Lock.