

SDM-3R Firmware Updater Installation and Operation Guide

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RKI Instruments, Inc. www.rkiinstruments.com

SDM-3R Firmware Updater Instructions

Before installing and launching the SDM-3R Firmware Updater, ensure the following:

- All IrDA cables and USB serial adapter cables are disconnected from the PC.
- The GX-3R(Pro), USB stick, and/or LAN cable are disconnected from the SDM-3R.

If multiple SDM-3Rs are being updated, they must be updated one at a time.

The SDM-3R must remain on power during the entire reprogramming process. Take steps to ensure that power to the SDM-3R is not disrupted during the reprogramming process.

Procedure

1. Launch the setup.exe file to begin installation of the SDM-3R Firmware Updater.



2. From the desktop, find and launch the SDM-3R Firmware Updater shortcut.



3. Click the browse button to open the file explorer window. Navigate to the .mot file, select it, and click "Open".

SDM-3R Firmware Update	er [P.No.06085]	×		
Firmware File [
	Target			
	COM V Auto Detect		Open ← → → ↑	ter کې د Search SDM-3R Firmware Up
Instru	ment Information		Organize - New folder	₩ - ₩ ?
			This PC Name	Date modified Type Size
	Model		3D Objects	2/16/2022 6:34 PM MOT File 1,19
	Serial No.		Desktop	
	P No / Sum		Documents	
			Music	
			Pictures	
			Videos	
	Start		CS (C:)	
			v (
			File name: 07130.mot	✓ Target Data Files (*.mot) ✓
				Open Cancel

4. The Target fields will be populated with the .mot file's program number and checksum.

SDM-3R Firmware Updater [P.No.06085]	×
Firmware File C.¥SDM-3R Firmware Updater¥07130.mot Target 07130 3583 COM Auto Detect Instrument Information Model	
P No. / Sum	
07 50 40 07100	
U/ DU49 U/ IdU.mot selected.	

5. Connect the SDM-3R to the PC with a USB A to USB B cable and turn the unit on. Once connection is established, the Updater will automatically display the docking station's model, serial number, program number, and checksum (P No. / Sum). These last two values will be highlighted in red as shown below if the unit's firmware needs to be updated.

DM-3R Firmware Upda	ter [P.No.06085]		
Firmware File	C:¥SDM-3R Firm	ware Updater¥07130.mot	
	Target	07130 3583	
	COM COMB	✓ Auto Detect	
Instr	ument Information		
	Model	SDM-3R	
	Serial No.	910010001RK	
	P No. / Sum	06820 7F7E	
		Start	
8:16:24 07130.mot 8:17:18 COMB SD	selected. M-3B connected		

6. Click "Start" to begin the firmware transfer. This process takes a few minutes.

NOTE: Ensure that the SDM-3R does not lose power.

7. After the firmware transfer is complete, a message will prompt you to restart the SDM-3R. Click "OK" and turn off the SDM-3R.

NOTE: Ensure that the SDM-3R does not lose power.

Firmware File O:VSDM-3R Firmware UpdaterV07130.mot	DIVI-3K FIRMWare Upda	(er [P.NO.00085]	
Target 07130 3583 COM COM Auto Detect Instrument Information Model Instrument Information Serf SDM-3R Firmware Updater P P P N Please restart SDM-3R. 08:16:24 07130 mot selected. 0K 28:16:24 07130 mot selected. 28:17:18 COM3 SDM-3R connected. 09:16:24 07130 mot selected. 20:009 Transmission start. Don't turn off the SDM-3R 500-3R	Firmware File	C:¥SDM-3R Firmware Updater¥07130.n	not
COM COM Auto Detect		Target 07130 3583	3
Instrument Information Model Seri SDM-3R Firmware Updater × P N i Please restart SDM-3R. V8:16:24 07130.mot selected. X8:16:24 07130.mot selected. X8:17:18 COM3 SDM-3R connected. X8:30:09 Transmission start. Don't turn off the SDM-3R		COM COMB - Auto Det	tect
Nodel Ser ^I SDM-3R Firmware Updater × P N Please restart SDM-3R. OK 18:16:24 07130.mot selected. 8:17:18 COM3 SDM-3R connected. 8:30:09 Transmission start. Don't turn off the SDM-3R	Instr	ument Information	
Seri SDM-3R Firmware Updater P N Please restart SDM-3R. OK 38:16:24 07130.mot selected. 38:16:24 07130.mot selected. 38:17:18 COM3 SDM-3R connected. 38:30:09 Transmission start. Don't turn off the SDM-3R		Model	
P N Please restart SDM-3R. OK 08:16:24 07130.mot selected. 08:17:18 COM3 SDM-3R connected. 08:30:09 Transmission start. Don't turn off the SDM-3R		Seri SDM-3R Firmware Updater ×	
Please restart SDM-3R. OK 28:16:24 07130.mot selected. 28:17:18 COM3 SDM-3R connected. 28:30:09 Transmission start. Don't turn off the SDM-3R		P N	
08:1624 07130.mot selected. 18:17:18 COM3 SDM-3R connected. 18:30:09 Transmission start. Don't turn off the SDM-3R		Please restart SDM-3R.	
18:16:24 07130.mot selected. 18:17:18 COMB SDM-3R connected. 18:30:09 Transmission start. Don't turn off the SDM-3R			
08:1624 07130.mot selected. 08:17:18 COMB SDM-3R connected. 08:30:09 Transmission start. Don't turn off the SDM-3R		UK	
08:1624 07130.mot selected. 08:17:18 COMB SDM-3R connected. 08:30:09 Transmission start. Don't turn off the SDM-3R			
1830.09 Transmission start. Don't turn off the SDM-3R	8-16-24-07130 mot	selected	
08:30:09 Transmission start. Don't turn off the SDM-3R	8:17:18 COMB SD	VI-3R connected.	
Don't turn off the SDM-3R	08:30:09 Transmiss	on start.	
	Don't turr	off the SDM-3R	

8. Turn on the SDM-3R. When connection is re-established with the SDM-3R, the P No. / Sum fields will match the Target fields and turn green.

SDM-3R Firmwar	e Updater [P.No.06085]	×
Firmware	File C:¥SDM-3R Firmware Updater¥07130.mot	
	Target 07130 3583	
	COM COMB 🗸 🗹 Auto Detect	
	Instrument Information	
	Model SDM-3R	
	Serial No. 910010001RK	
	P No. / Sum 07130 3583	
	Start	
07:50:49 0713 08:01:22 COM	0.mot selected. 13 SDM-3R connected.	

9. Verify that the P No. / Sum are green and then close SDM-3R Firmware Updater. The firmware update is complete.