

**GY** Series XT-35D

# FIRMWARE UPGRADE MANUAL

## IMPORTANT



The tool delivered with this manual may been modified for specific needs.

In that case, please give us the tool code number written on our shipping note or the appoximate tool delivery date when you will place an order for a new similar tool or for spare parts. In that way, you will be sure to get the required and/or spare part.

WARNING



This informations has to be kept in a location known all users.

Each operator has to read carrefully this manual before installing, using, and mending the product.

Be sure that the operator has understood using recommendations and the meaning of signs put on the product.

Most accidents could be avoided respecting this Manual Instructions. As a matter of fact, they were created according to European laws and norms regarding products.

In each case, please respect and follow safety national norms. Do not take off nor damage the stickers or advise put on the product and above all the details imposed by the law.

#### 1. Connection of controller and PC

- ① At the back panel of YFC-35, check the current firmware version.
- 2 Turn the power OFF of the controller and select "UPGRADE" on the firmware upgrade switch.
- ③ Connect the PC to the controller with RS232C direct cable shown as below.
- ④ Turn the power ON of the controller



### 2. Software (Flash Loader Demonstrator) installation

2.1 RS232C COM port on your PC

Find out "STM Virtual COM Port" number in the device manager on your PC.



2.2 Set up the software file on your PC

Software file name : Flash\_Loader\_Demonstrator\_v2.4.0\_Setup.exe

InstallShield Wizard	×	InstallShield Wizard
	Welcome to the InstallShield Wizard for Flash Loader Demonstrator v2.1.0	License Agreement Please read the following license agreement carefully.
	The InstallShield® Wizard will install Flash Loader Demonstrator v2.1.0 on your computer. To continue, click	Press the PAGE DDWN key to see the rest of the agreement.
	Next.	SOFTWARE LICENSE AGREEMENT
		By using this Licensed Software, You are agreeing to be bound by the terms and conditions of this License Agreement. Do not use the Licensed Software until You have read and agreed to the following terms and conditions. The use of the Licensed Software implies automatically the acceptance of the following terms and conditions. Flease indicate your acceptance or NDM-acceptance by selecting TACCEPT' or TDD NDT ACCEPT' as indicated below in the media.
		Do you accept all the terms of the preceding License Agreement? If you choose No, the setup will close. To install Flash Loader Demonstrator v2.1.0, you must accept this agreement.
	Cancel	Instatishield

### 3. Firmware download

 Open "Flash Loader Demonstrator" by double click the icon. And choose the COM port number. Be sure that the RS232 cable should be connected before the controller power ON

	Flash Loader Demonstrator		
		STMIcroelectronics	
		Select the communication port and set settings, then click next to open connection.	
		Common for all families	
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		Baud Flate 115200 Echo Disabled	
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② Be suer of GREEN light to go next process.

If there is error, check the status of COM port, cable connection and controller power ON

Flash Loader Demonstrator	
	Target is readable. Please click "Next" to proceed.
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2	
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	Back Next Cancel Close

3 Select the target "STM32\_Med-density\_64K", and click Next.

Flash Loader Demonstrator				(je	n den in ex
A	STMIcroelect	tronics			51
T	Please, select, Target PID (h) S Version I	your device in the TM32_Connectiv TM32_Connectiv TM32_Connectiv TM32_Connectiv	target list ity-line_256K ity-line_256K ity-line_256K ity-line_64K		
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④ Select the "Download to device" and select and check the same as below. And open the firmware file which is downloaded on your PC

Flash Loader Demonstrator		
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	C Erase	
	C All C Selection	
1 10.1	Download to device     Download from file	
	D:\YF_V1.00.3_121218_a.bin	- Click and open the firmware
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BERE L		
	C Enable/Disable Flash protection	
	ENABLE WRITE PROTECTION	
- 109	C Edit option bytes	
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Then click Next.

⑤ Once it is successful, You will see " Download operation finished successfully

Flash Loader Demonstrator		X
	STMicroelectronics	/
1	Target STM32_Med-density_64K Map file STM32_Med-density_64K,STmap Operation_DOWNLOAD File name D:\YF_V1.00.3_121218_a.bin	
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	Download operation (inished successfully	
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(6) Turn the power of controller OFF and let the firmware upgrade switch to it's original position



1 Turn the power of the controller ON, then it is booted with new firmware.

#### Support: www.dogatec.de 🕓 +49 7381 666 9326



We constantly strive to improve our products. As a result, the dimensions and indications in this document may not always correspond to the latest production. By explicit agreement, our sales are subject to a reservation of tible [the provisions of the French OS/12/1980 Act are therefore fully applicable].

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