



Application Note

Instructions to determine EN6001 Hardware Level and Flash corresponding Firmware

Firmware Version

V10.0

Hardware Version

V3.0

July 23
Document no.

Document Revisions

Date	Document Number	Approved By	Document Changes
12/07/2023		Thomas Warrington	Layout Changes, Photo recreation

Languages

This document is only published in the English language

1 Introduction

1.1 Scope

The EN6001 product has various hardware versions. The firmware version uploaded to the control must be compatible with the hardware version. This document outlines the steps to identify the Hardware version of the EN6001 and update the firmware via the USB port.

1.2 Firmware and Hardware information

To check your Firmware and Hardware information, navigate the Main Menu to find the About button shown in **Figure 1**.

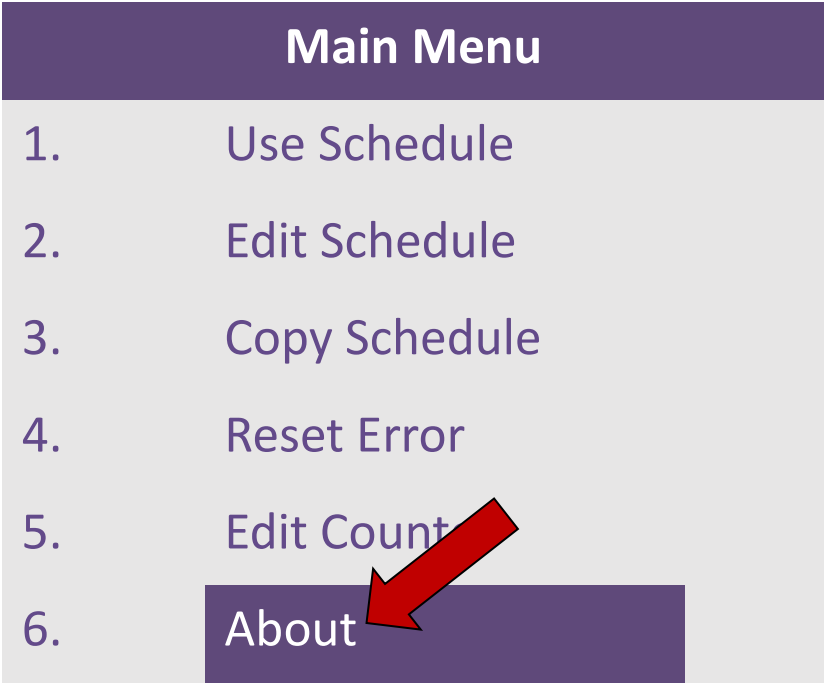


Figure 1: Main Menu

In the About Menu the Firmware and Hardware information will be displayed as shown in **Figure 2: About Menu**




Figure 2: About Menu

2 Updating Firmware











To update the EN6001 Firmware follow the steps in [Table 1](#).











NOTICE



Notice

Only perform this update if you have Firmware Version: 10.00 and Hardware Version: 3.00

Step	Description	Screen / Parameters	Key Inputs
1	Ensure the control is completely powered down.		
2	Insert a USB drive with EN6001 firmware into the USB power on the control.		
3	Press and hold  and 		 
4	Power on the control. Once the Bootloader Menu appears, release  and 	<div>Bootloader Menu</div> <div><div>1. </div><div>2. About</div></div>	 
5	Select 'Refresh firmware'	<div>Bootloader Menu</div> <div><div>1. </div><div>2. About</div></div>	

Step	Description	Screen / Parameters	Key Inputs
6	Select the desired filename* using  and 	<div>Refresh firmware</div> <div>File: E0613011</div> <div>Confirm: Yes</div> <div>USB: Ready</div>	 
7	Press  to accept the displayed filename.	<div>Refresh firmware</div> <div>File: E0613011</div> <div>Confirm: Yes</div> <div>USB: Ready</div>	
8	Set 'Confirm' to 'YES' using  and 	<div>Refresh firmware</div> <div>File: E0613011</div> <div>Confirm: Yes</div> <div>USB: Ready</div>	 





Step	Description	Screen / Parameters	Key Inputs
9	Press  and the control will start updating		
10	To return to the 'Main Menu' either temporarily power down the control or go back to the 'Bootloader Menu' by pressing  Then, select 'Execute firmware' and select 'YES'	<div><div>Refresh firmware</div><div><div>File:</div><div>E0613011</div></div><div><div>Confirm:</div><div>No</div></div><div>Program Succeeded</div></div>	
Note: The firmware file must be on the root directory of the USB drive, and the filename will be E0613011.bin (this may require the extraction of a zip file)			

Table 1: Update Firmware

3 Technical Support

3.1.1 Internet

The latest version of the documentation and other helpful resources in the ENTRON Document Library page found in the Resource section of the ENTRON website: <https://www.entroncontrols.com>

3.1.2 Documentation Request

Documentation, user instructions and technical information can be requested by emailing ENTRON Controls at customerservice@entroncontrols.com or support@bfentron.co.uk

Please include your name and email

3.1.3 Service and Technical Support

For service and technical support, we request that customers fill out the Technical Support Form found on our website at link below:



TECHNICAL SUPPORT FORM LINK

<https://www.entroncontrols.com/resources/technical-support.html>

After the web form has been completed, your case will be assigned to one of our technical specialists who will contact you directly.

and service sites is shown in the table below. Please contact the site for your specific region.

Manufacturing Site	Country	Phone	Email	Regions Supported
ENTRON UK	England	+44-1384-455401	support@bfentron.co.uk	Europe, Asia, Africa, Rest of World
ENTRON US	USA	+1-864-416-0190	tech.support@entroncontrols.com	USA, Canada
ENTRON MX	Mexico	+52-844-415-9081	soporte@entronmx.com	Mexico, Central America