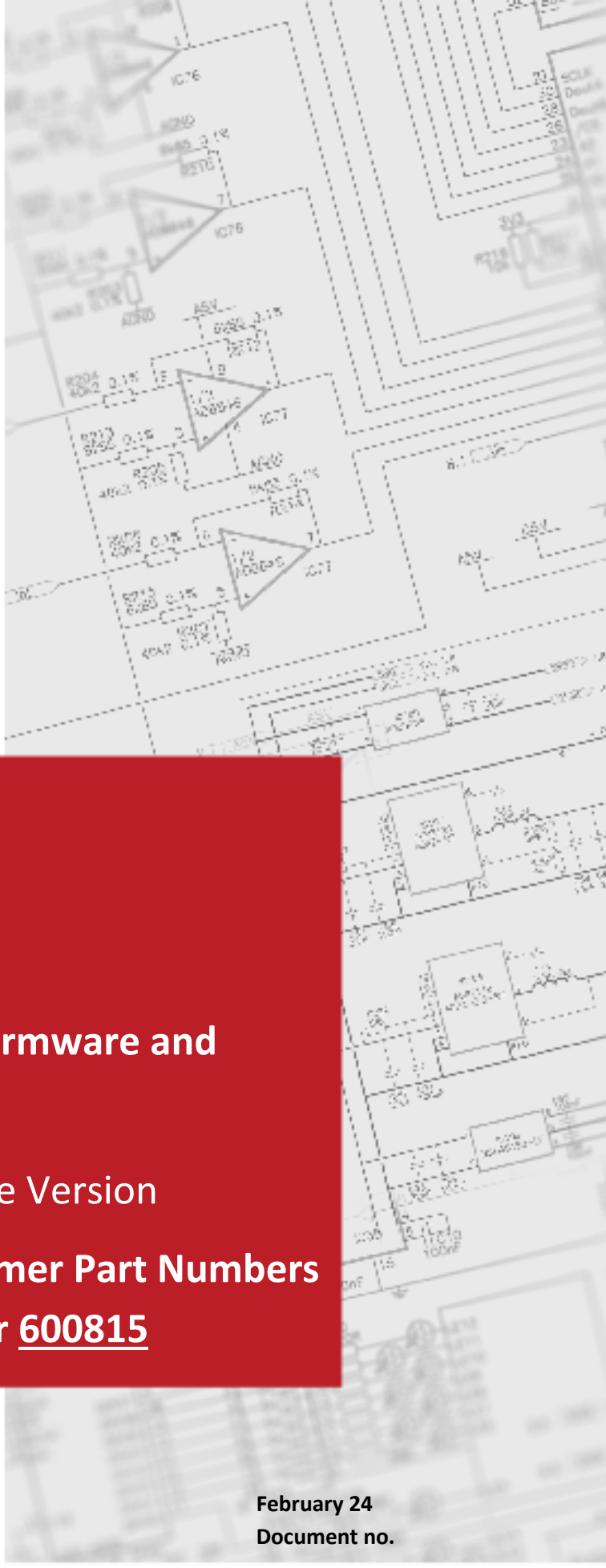


ENTRON™

Application Note

Instructions to determine iPAK2v2 firmware and Install future Firmware Updates

Firmware Version

iPAK2v2.12

Hardware Version

iPAK2v2 Timer Part Numbers

01-70-28 or 600815

February 24

Document no.

Document Revisions

Date	Document Number	Approved By	Document Changes
2/5/2024		Sean Simmons	Initial release

Languages

This document is only published in the English language

1 Introduction

1.1 Scope

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 iPAK2 weld timer and update the firmware using ENTRON's NetFlash software.

1.2 Firmware and Hardware information

The Hardware version can be identified by checking the timer part number. The timer can be identified via the label or using the Netflash software.

1.2.1 Identify By Label

The iPAK2v2 timer has a label on the weld timer. The weld timer will be installed inside the cabinet. To view the label, disconnect power to the weld control and open the cabinet. The iPAK2v2 weld timer will be labeled **01-70-28** or **600815**.

1.2.2 Identify the Timer via Netflash

The Netflash software can be used to connect to the control and view the firmware on the Weld Timer. The iPAK2v2 timers will be identified by the firmware name. All iPAK2v2 timers will have a firmware that start with "IPAK2V2". Navigate to the **Configuration** tab shows the current firmware version.

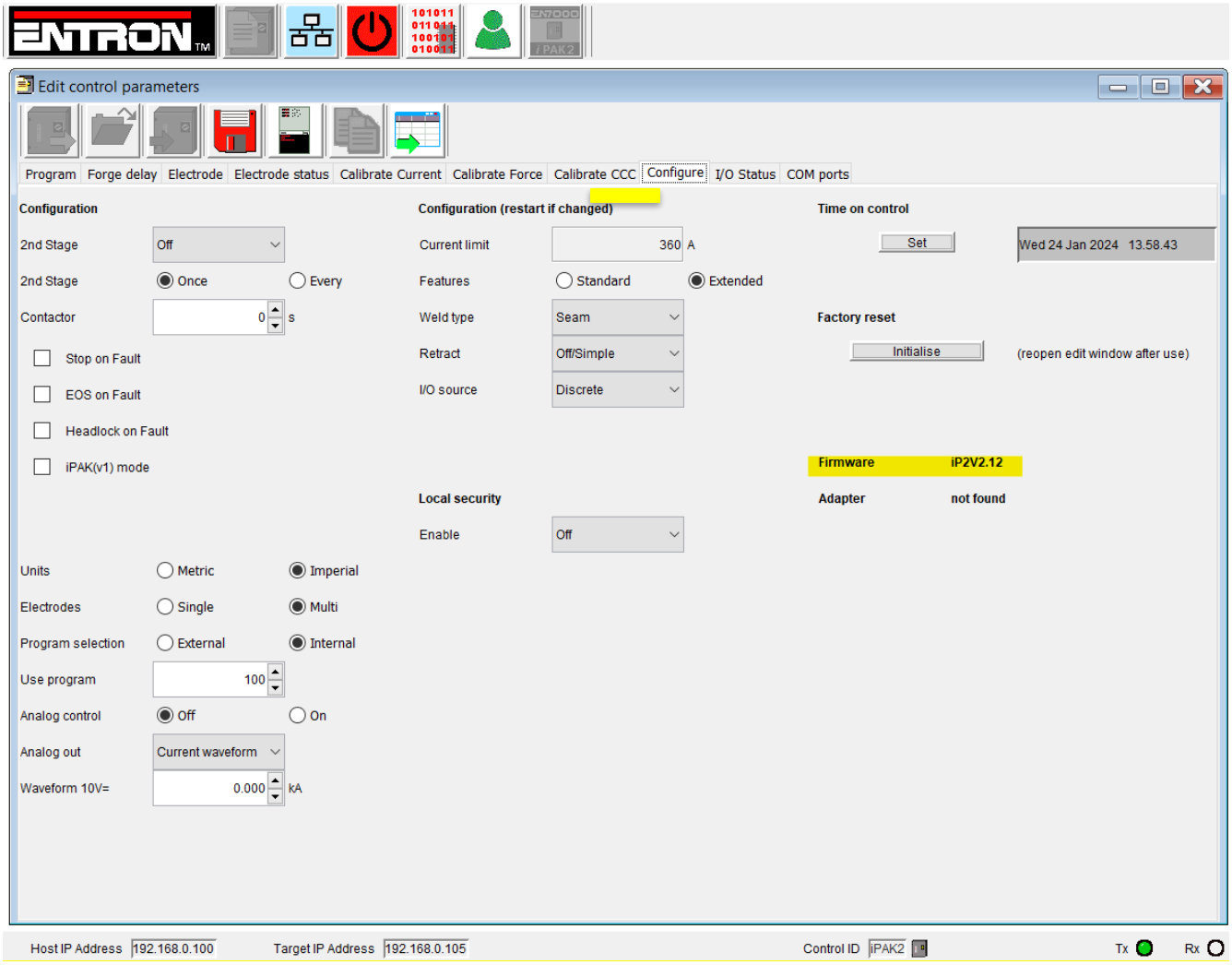


Figure 1: Configuration Tab

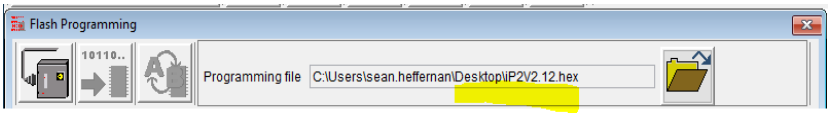
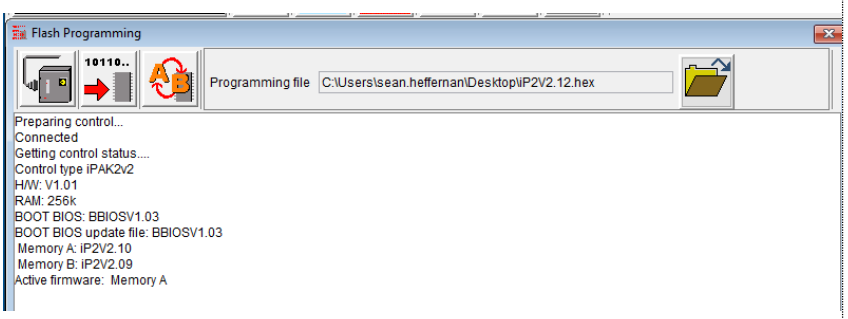
2 Updating Firmware

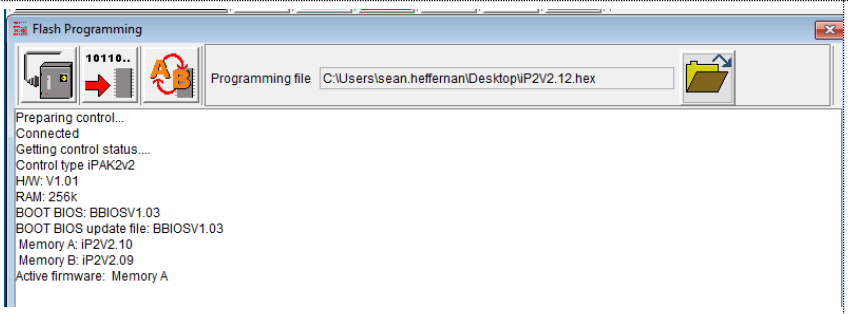
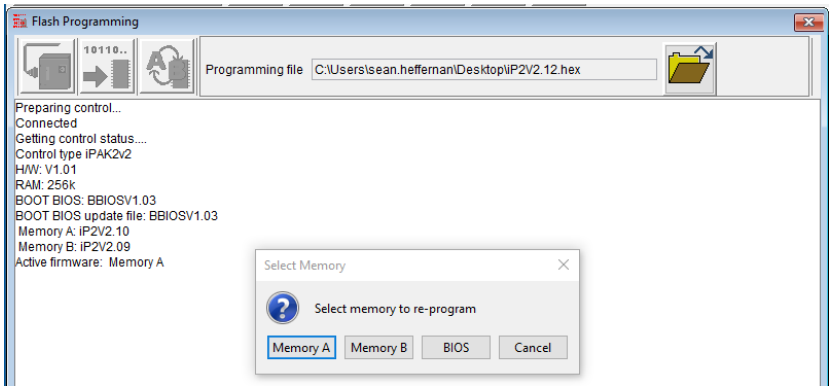
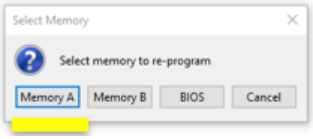
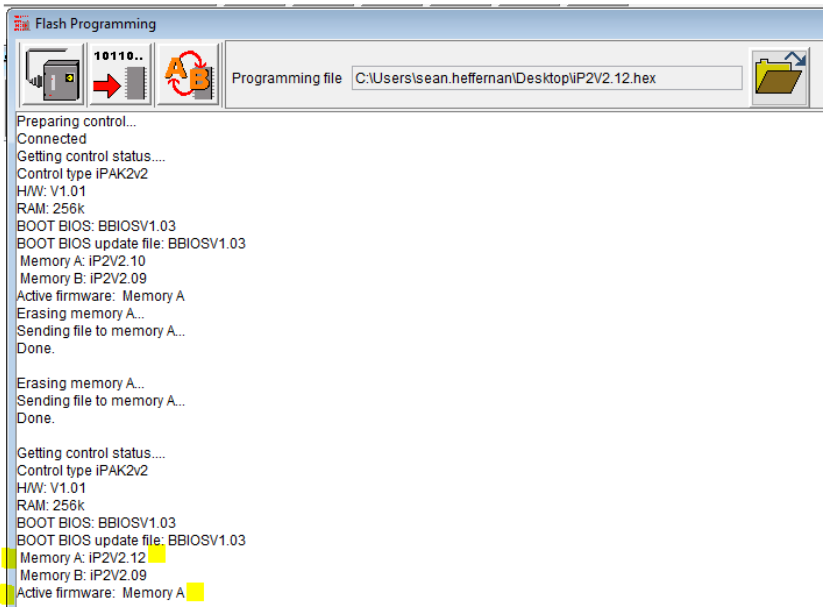
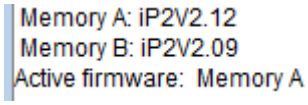
To update the iPAK2v2 Firmware. First obtain the latest Firmware revision e.g iPAK2v2.12 by contacting ENTRON or downloading from our website.Copy and paste this on the **desktop** of the PC. Now follow the steps in Table 1.

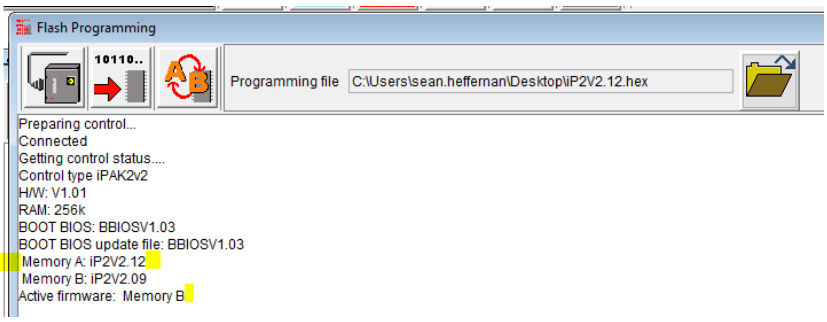
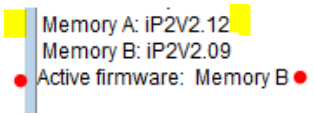
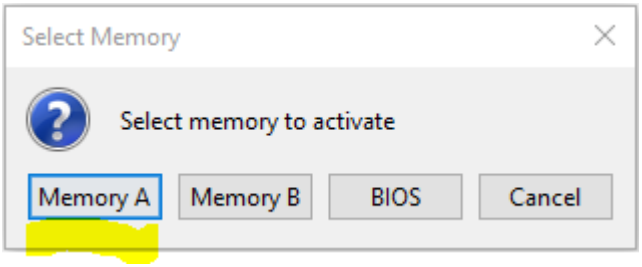
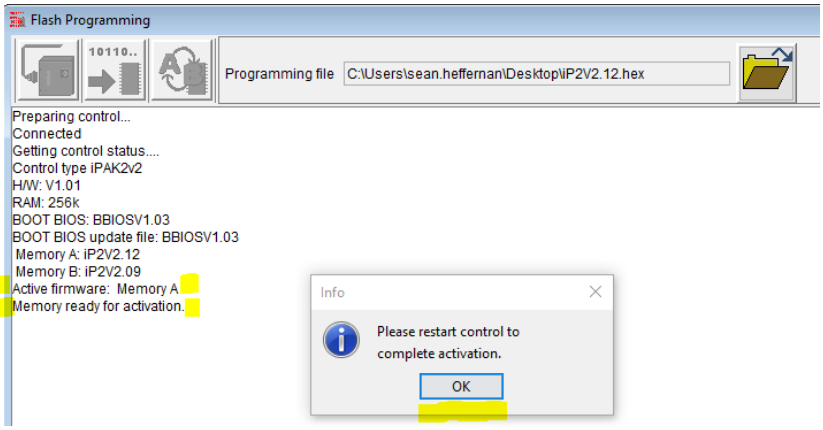
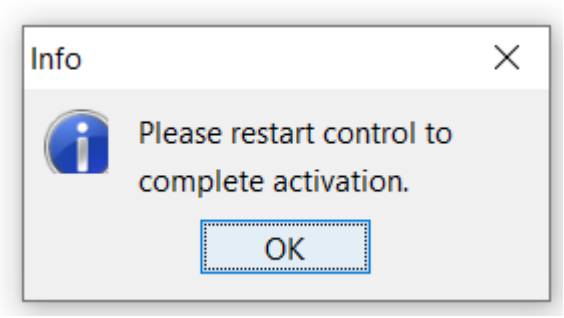
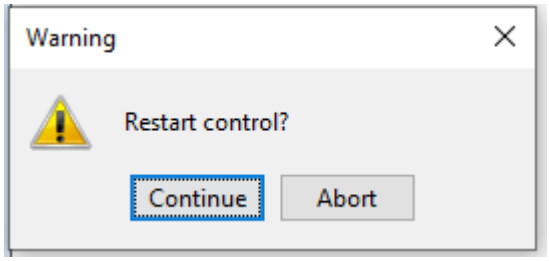
NOTICE

Notice

This update applies to all iPAK2v2 weld timers

Step	Description	Screen / Parameters	
1	Connect to your PC to the iPAK2v2 weld timer via a ethernet cable and open Netflash V1.18		
2	Confirm the Target IP is selected		
3	Select Flash programming tool.		
4	Select the current firmware. The file type will be ".hex"		
5	Select the **Connect with Control** icon. This displays **Memory A & Memory B firmware versions**		

Step	Description	Screen / Parameters	
	including Active Memory used		
6	Select the Start **Transfer to Control icon**.		
7	Choosing either A or B begins the process by first **Erasing the chosen memory. and then transferring the file**		
8	Confirm the firmware has been installed to the targeted memory by clicking the **Connect to control** icon. This displays which **Memory** has been upgraded and if it is **Active**.		
9	Active Firmware: **Memory A**		

Step	Description	Screen / Parameters	
10	If the upgraded memory **is not Active** Select the **Upgraded memory** to activate.		
11	Select the **Upgraded memory** to activate. e.g **Memory A**		
12	Active Firmware: **Memory A** **Memory A** is now ready for **activation**.		
13	Select, restart the control to complete activation **OK**.		
14	Select **Restart control icon.** Then Restart control? Continue		

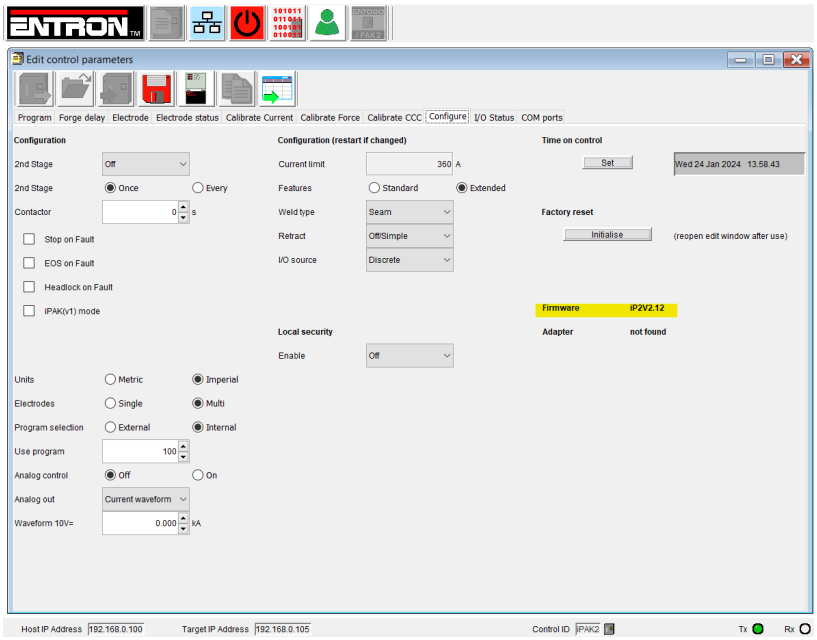
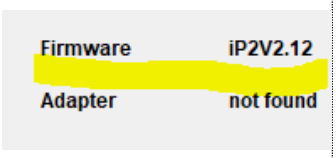
Step	Description	Screen / Parameters	
15	To confirm the timer is using the updated firmware, this can be observed on the **configuration** programming screen.		

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

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.

The service sites are shown in the table below. Please contact the site for your specific region.

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