

Application Note Unidrive AN0211 Rev.1.1, 5/22/17

The Application Note is pertinent to our Unidrive Family

Replacement of UD7X Co-Processor Module & Program

Introduction

The Unidrive can house a UD7x co-processor (UD70, 73,74,75,76, or 77). These co-processors often (but not always) contain a program that performs a specific function to make the Unidrive perform some special system function. It is imperative that you have a file copy of the program that is contained within your modules. At the very least you must have the compiled executable binary file (file with the extension ***.bin). Should the module need replaced, this program would need to be download into the co-processor. Replacement units are usually sent out blank. Replacement units can be pre-programmed by our Service Center (716-774-0093) prior to shipment if you have the original program file and could email it to us.

This program file could also be downloaded into the UD7x co-processor if you have a Laptop or similar PC, a programming cable P/N CTD-PC-232-010 and the WinFlash Loader PC program (available from Service Center also).





CONTROL TECHNIQUES

7078 Shady Oak Road, Eden Prairie, MN 55344-3505 +1 952 995-8000 www.controltechniques.com



Re-Loading the Program File

When WinFlash is run, the main screen will come up as follows:



You could read over the paragraph or simply click on Next. This will bring up:

🗱 Flasher Wizard - Page 2 of 5		
	Please select the action you require: Action • Program system or binary file • Erase current DPL file	
< <u>B</u> ack	Cancel <u>H</u> elp N	ext >

Again, click Next

This will bring up:



Open		<u>? ×</u>
File <u>n</u> ame: *.sys;*.bin BELT_DRV.BIN BELT_DV2.BIN TEST.BIN V	Eolders: c:\md29gui\projects c:\ MD29GUI PROJECTS	OK Cancel Network
List files of <u>type:</u> Downloadable Files	Drives:	•

Here you must maneuver through you disk directories to find the folder and Program File for your Machine Section (with the extension ***.bin). Once you have found the desired file, just select that file and click OK.

The next screen will appear as shown below :

📲 Flasher Wizard	- Page 3 of 5	
4	Please select the file you wish to download. System files end in a .SYS extension, and compiled DPL files end with a BIN extension.	
	c:\md29gui\projects\belt_dv2.bin	
	B rowse	
	System File Version: N/A	
< <u>B</u> ack	Cancel <u>H</u> elp <u>N</u> ext >	

If this is the file you selected, click Next once again. The file should be downloaded as indicated by the Progress Bar.

Resources: can be found on our website: <u>www.controltechniques.com</u> For help contact techsupport.cta@mail.nidec.com, or call Technical Support at 952-995-8000, 24/7/365

CONTROL TECHNIQUES

7078 Shady Oak Road, Eden Prairie, MN 55344-3505 +1 952 995-8000 www.controltechniques.com