

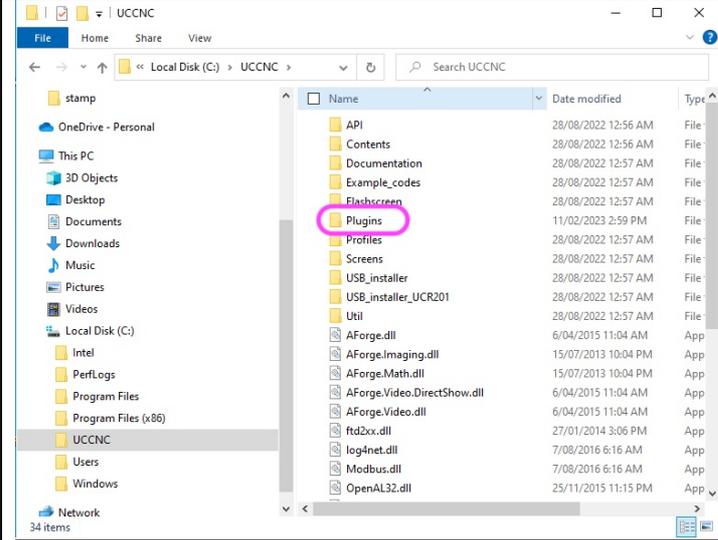


UCCNC and WHBO4B Pendant

Plugin installation

This is a guide only and was created in conjunction with the device sold at CNC3D Store and the file sourced from a CNC Drive forum – link below – Individual results may vary. Any help can be sourced through the forum.

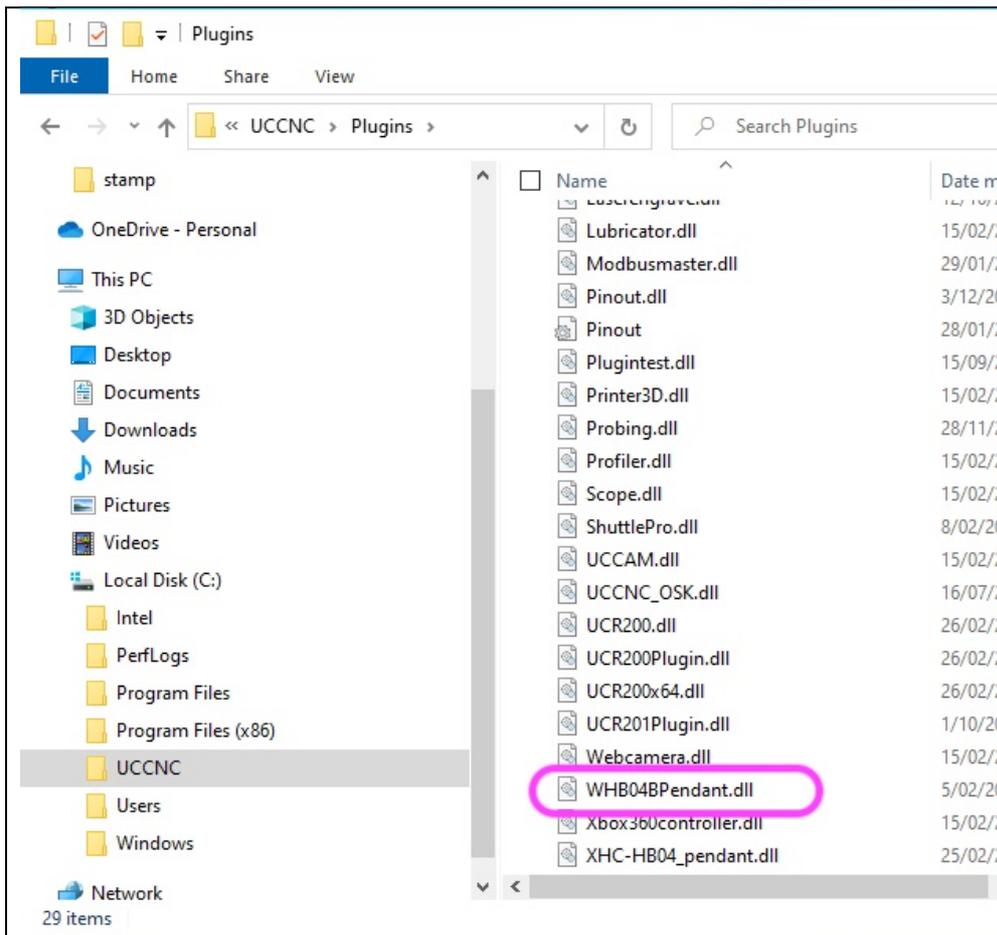
<http://www.forum.cncdrive.com/viewtopic.php?f=14&t=2449&hilit=Whb04&sid=0cff2bccc29a81c164494d62cff4432c&start=70>



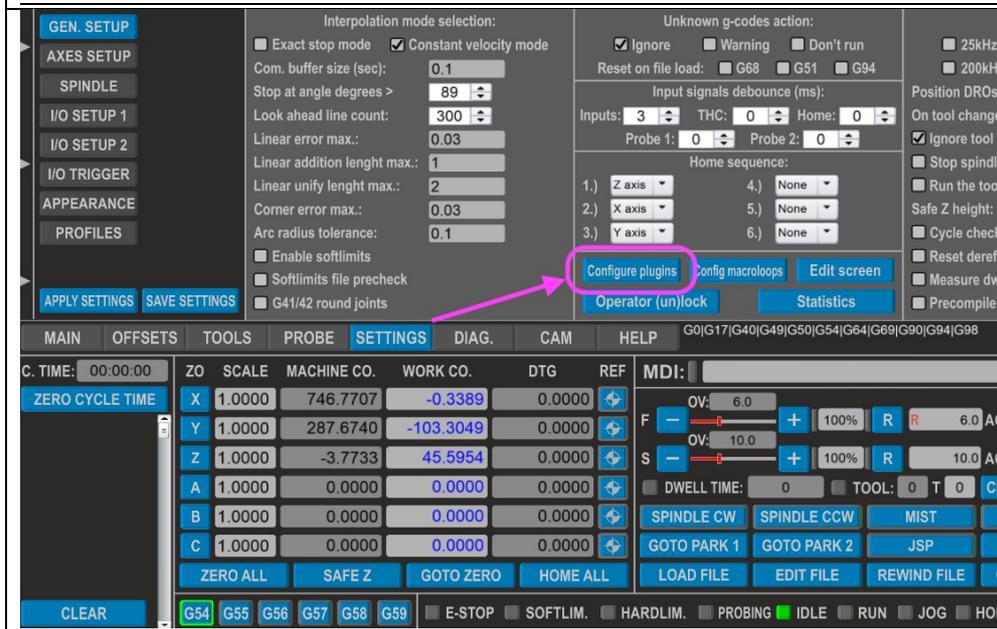
The screenshot shows a Windows File Explorer window titled 'UCCNC'. The address bar indicates the path is 'Local Disk (C:) > UCCNC'. The left sidebar shows the 'UCCNC' folder selected under 'Local Disk (C:)'. The main pane displays a list of files and folders. The 'Plugins' folder is highlighted with a pink circle. The list includes folders like API, Contents, Documentation, Example_codes, Flashscreen, Profiles, Screens, USB_installer, USB_installer_UCR201, and Util, as well as application files like AForge.dll, AForge.Imaging.dll, AForge.Math.dll, AForge.Video.DirectShow.dll, AForge.Video.dll, ftd2xx.dll, log4net.dll, Modbus.dll, and OpenAL32.dll.

Name	Date modified	Type
API	28/08/2022 12:56 AM	File
Contents	28/08/2022 12:56 AM	File
Documentation	28/08/2022 12:57 AM	File
Example_codes	28/08/2022 12:57 AM	File
Flashscreen	28/08/2022 12:57 AM	File
Plugins	11/02/2023 2:59 PM	File
Profiles	28/08/2022 12:57 AM	File
Screens	28/08/2022 12:57 AM	File
USB_installer	28/08/2022 12:57 AM	File
USB_installer_UCR201	28/08/2022 12:57 AM	File
Util	28/08/2022 12:57 AM	File
AForge.dll	6/04/2015 11:04 AM	App
AForge.Imaging.dll	15/07/2013 10:04 PM	App
AForge.Math.dll	15/07/2013 10:04 PM	App
AForge.Video.DirectShow.dll	6/04/2015 11:04 AM	App
AForge.Video.dll	6/04/2015 11:04 AM	App
ftd2xx.dll	27/01/2014 3:06 PM	App
log4net.dll	7/08/2016 6:16 AM	App
Modbus.dll	7/08/2016 6:16 AM	App
OpenAL32.dll	25/11/2015 11:15 PM	App

In the UCCNC installation folder, go to the plugins folder (commonly "C:/UCCNC/Plugins")



Copy the unzipped dll file to the Plugins directory



Plugin your USB dongle supplied with the MPG. Open UCCNC. In the settings tab, select "Configure Plugins"

Plugins configuration

Plugin name	version	author	show	configure	call startup	enabled
3D printer	1.0003	CNCdrive Kft.	Show	Configure	<input type="checkbox"/> Call startup	<input type="checkbox"/> Enabled
Probing	1.3.2.0	Szentkereszty Csaba	Show	Configure	<input checked="" type="checkbox"/> Call startup	<input checked="" type="checkbox"/> Enabled
Scope	1.0002	CNCdrive Kft.	Show	Configure	<input type="checkbox"/> Call startup	<input type="checkbox"/> Enabled
On-Screen Keyboard	1.7.3.0	Szentkereszty Csaba	Show	Configure	<input type="checkbox"/> Call startup	<input type="checkbox"/> Enabled
UCR200 Plugin	Beta 1.5	CNCdrive Kft.	Show	Configure	<input type="checkbox"/> Call startup	<input type="checkbox"/> Enabled
UCR201 Plugin	Beta 1.4	CNCdrive Kft.	Show	Configure	<input type="checkbox"/> Call startup	<input type="checkbox"/> Enabled
Webcamera	1.0002	CNCdrive Kft.	Show	Configure	<input type="checkbox"/> Call startup	<input type="checkbox"/> Enabled
WHB0B-4_pendant	1.1	Neuron	Show	Configure	<input checked="" type="checkbox"/> Call startup	<input checked="" type="checkbox"/> Enabled
Xbox360 controller	1.0003	CNCdrive Kft.	Show	Configure	<input type="checkbox"/> Call startup	<input type="checkbox"/> Enabled
XHC-HB04 pendant	1.5	CNCdrive Kft.	Show	Configure	<input type="checkbox"/> Call startup	<input type="checkbox"/> Enabled

Note: Enabling/disabling plugins will take effect on the next software startup!

Find the Plugin you have just copied to the directory in the list of plugins (if it does not appear straight away, try restarting UCCNC and check the file is in the correct directory. Tick the " call startup" and "Enabled" boxes then restart UCCNC

Interpolation mode selection: Unknown g-codes action:

0.001 0.01 0.1 **1.0**

CONTINUOUS STEP

MPG cont. MPG single MPG multi

X Y Z A B C

JOG FEED % STEP DIST.

10 1

Select increment - Higher the increment the faster the machine will move when turning the jog wheel

Select MPG cont. to put the MPG in charge of

Position DROs: 25kHz, 200kHz

On tool change: Ignore tool c, Stop spindle, Run the tool, Safe Z height

Measure dw, Precompile

MAIN OFFSETS TOOLS PROBE SETTINGS DIAG. CAM HELP G0|G17|G40|G49|G50|G54|G64|G69|G90|G94|G98

C. TIME:	ZO	SCALE	MACHINE CO.	WORK CO.	DTG	REF	MDI:
00:00:00	X	1.0000	746.7707	-0.3389	0.0000		F OV: 6.0
ZERO CYCLE TIME	Y	1.0000	287.6740	-103.3049	0.0000		S OV: 10.0
	Z	1.0000	-3.7733	45.5954	0.0000		DWELL TIME: 0 TOOL: 0 T 0 CH
	A	1.0000	0.0000	0.0000	0.0000		SPINDLE CW SPINDLE CCW MIST
	B	1.0000	0.0000	0.0000	0.0000		GOTO PARK 1 GOTO PARK 2 JSP
	C	1.0000	0.0000	0.0000	0.0000		LOAD FILE EDIT FILE REWIND FILE

ZERO ALL SAFE Z GOTO ZERO HOME ALL

G54 G55 G56 G57 G58 G59 E-STOP SOFTLIM. HARDLIM. PROBING IDLE RUN JOG HOM

On the next Startup of UCCNC the pendant should be reading the correct DRO readings. Select MPG cont. to activate the control of the MPG. For rapid movement select "1.0"mm increments. The lower the increment the slower the scroll speed.

I hope this has helped anyone using this pendant in conjunction with UCCNC. There have been updates on the forum so feel free to scroll through and keep up to date with the latest version of the plugin.