For ADSI Cutters using GSPplot via USP

This document is applicable to touchscreen-equipped ADSI 536-GTS cutters (serial numbers ending in 'G') connected via USB and using Gerber Omega 6.5 or later with GSPplot. For other configurations refer to the following documents:

To output from Gerber via File>Print using the ADSI DirectCut Driver (USB or ethernet), refer to: https://allendatagraph.com/techsupport/CADSoftwareNotes/GerberPrinting.pdf

To output from Gerber via ethernet using GSPplot, refer to: https://allendatagraph.com/techsupport/CADSoftwareNotes/GerberGSPplotethernet.pdf

1. Before proceeding with the GSPplot setup, make sure the ADSI DirectCut driver is installed. If needed, the driver can be down-loaded from our website at https://allendatagraph.com/support/-software-support. Follow the prompts as it finds the cutter, identifies the port, installs the driver, and executes a test cut. At the point where it has found the equipment, make note of the COM port number.



2. Open Omega and ensure it is up to date by clicking Help>Check for Updates, then following the prompts to install updates as needed.

3. In order to access the gspplot setup, you will first need to have an object in the workspace to cut. This can be simply a single small character or shape. Once you have an object to cut, select File>Output All.

4a. If you have not previously had a plotter installed, you will receive the message; 'No plotters installed. Install one now?' Click 'Yes' and proceed to step 6a.

4b. If an existing plotter is installed, the QuickPlot window will open. Click on the 'Device Select' icon.



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Gerber Omega Setup

Plotter/Printer Select         Plotters       C. Connection         GS/50Ptus1       com1:         Pre-Sh         Segue         Somation         Material Size         Red         Part Autorial Size         Red Size         Material Size         Material Size         Red Size         Print Material Size         Height         11:800         DK         Qaibrate         Preference	S. In the 'Plotter/Printer Select' window, click 'Install'.
,	Add or Delete Plotter/Router(s)
	Local Remote Network
<ul> <li>6a. From the list of available plotters, select 'ALLEN-MDL 836'</li> <li>6b. In the Local Port list, select the COM port where the cutter was found in step 1.</li> </ul>	Available Plotter/Router(s) on local system: AE-120E AE-75E ALLEN-MDL824 ALLEN-MDL836 ALLEN-MDL836 ALLEN-MDL840 ALLEN-MDL
6c. Click 'Add'	Installed Plotter/Router(s): * = Preference
Add - Name HPGL Device	
You can type a name for this device, or you can use the name supplied below. When you have finished, click OK. The name must be unique within the installed list.	7. At the next screen, click on 'Port Settings"



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All products made in The United States. All specifications are subject to change.

8. Place a check in the box for 'Use Device Manager Settings" and click 'OK'		Port Settings	<b>×</b>	
		<u>B</u> its per second:	9600 💌	
		Data bits: 8	3 -	
		Parity: N	lone 🔻	
		Stop bits: 1	· •	
	Add - Name HPGL Device		se Device Manager Settings	
	You can type a name for this device, or you can use the name supplied below. When you have finished, click OK. The name must be unique within the installed list.		Cancel	
	Step Size:         1.016           ⊠ Dimension:         0.000           Y Dimension:         35.000	In the 'Add/Name HPGL name the device if desi	- Device' window, red, and click 'Ok'.	
	Port Settings  Device Name:			
	ALLEN-MIDLOSG-1	Add or Delete Plotter/Router(s)		
	ОК	Local Remote Network		
10. In the 'Installed Plotter/Router(s)' window, select any unused devices and delete them. If others are in use, select the ADSI device and set it as '*Preference'. Click on 'close'. At this point, clicking on 'cut/pounce' in the QuickPlot window will send the job to the cutter.		Available Flotter/ Houter(s) on local system AE-101E AE-120E AE-60E AE-75E ALLEN-MDL824 ALLEN-MDL830 ALLEN-MDL830 ALLEN-MDL840 ALLEN-MDL840 ALLEN-MDL840 ALLEN-MDL848 AR400 AR48X27	n: Coal Port COM1 COM2 COM3 COM4 COM5 COM5 COM5 COM5 COM7 USB	Liose
		Installed Plotter/Router(s): * = Pre	eference	
		S750Plus-1,COM1:		<u>D</u> elete Preference

Note: ADSI does not sell or support Gerber software. This information is provided to assist ADSI owners with output device setup only. For technical support on Gerber software products, go to: http://www.gspinc.com/products/software/omega.

Contact ADSI Technical Support @ http://allendatagraph.com/tech-support/



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