RS Series Cutting Plotter User Manual for USB Port

User Manual (USB Port)

In order to perfect our products, we add another port called USB Port. You can connect your computer and cutting plotter with the USB cable we offered, it is easy to operate and useful. At the same time, you have one another choice.

Installation of USB Drivers

First Install the Cutting Plotter USB Driver

1 Run the USB Driver from the CD.



2 Click "OK" to complete the installation of the USB driver.



After the installation of USB Driver completed, next, we will learn how to use the USB Port. Since "Artcut 2009" belongs to the standard accessory, we can take it as an example.

Second Output from Artcut 2009 with USB Port

1. Connect the computer and the cutting plotter together and install the Artcut2009 Software to your computer. Our USB port can support hot plug in/out. You can plug in /out except the state of online work. However, you'd better not plug in/out in normal condition.

2. After connecting the cutting plotter and the computer, you can follow our diagram step by step and finish the settings of the computer.

2.1 Click the right key of the "Mouse" on the icon "My Computer", then click "Properties", the following dialog box will appear.

3



2.2 Select the "Device Manager" in the "Hardware" and single click the sign "+" which is on the left side of the Ports(COM and LPT), you can see the option "USB Serial Port(COM X), X refers to 1,2,3...", as shown in figure.

ieneral Computer Name Hardware Advance idd Hardware Wizard The Add Hardware Wizard helps you install hardware. Add Hardware. ievice Manager Add Hardware Wizard Add Hardware Wizard ievice Manager The Device Manager lists all the hardware devices installed on your computer. Use the Device Manager to change the properties of any device. Driver Signing Device Manager ardware Profiles Hardware profiles provide a way for you to set up and store different hardware configurations. Hardware Profiles	System Re	estore	Automatic Updates		Remote
dd Hardware Wizard Image: Constraint of the state of the	General	Computer N	lame	Hardware	Advanced
dd Hardware Wizard The Add Hardware Wizard helps you install hardware. Add Hardware Wizard evice Manager The Device Manager lists all the hardware devices installed on your computer. Use the Device Manager to change the properties of any device. Driver Signing Device Manager ardware Profiles Hardware profiles provide a way for you to set up and store different hardware configurations.					
The Add Hardware Wizard helps you install hardware. Add Hardware Wizard evice Manager The Device Manager lists all the hardware devices installed on your computer. Use the Device Manager to change the properties of any device. Driver Signing Device Manager ardware Profiles Image: Hardware profiles provide a way for you to set up and store different hardware configurations.	Add Hardwa	re Wizard			
Add Hardware Wizard	🌍 Tł	ne Add Hardware	Wizard he	elps you install ha	rdware.
Add Hardware Wizard	~				
Add Hardware Wizard Add Hardware Wizard Ine Device Manager The Device Manager lists all the hardware devices installed on your computer. Use the Device Manager to change the properties of any device. Driver Signing Device Manager ardware Profiles Hardware profiles provide a way for you to set up and store different hardware configurations. Hardware Profiles				Add Hardw	uare Wizard
Ardware Profiles Hardware profiles Hardware profiles Hardware Profiles					
The Device Manager lists all the hardware devices installed on your computer. Use the Device Manager to change the properties of any device. Driver Signing Device Manager ardware Profiles Hardware profiles provide a way for you to set up and store different hardware configurations.	Device Man	ader			
 on your computer. Use the Device Manager to change the properties of any device. Driver Signing Device Manager ardware Profiles Hardware profiles provide a way for you to set up and store different hardware configurations. 	The The	ne Device Manag	er lists all	the hardware dev	ices installed
Driver Signing Device Manager ardware Profiles Hardware profiles provide a way for you to set up and store different hardware configurations. Hardware Profiles	i on	your computer. L	Jse the D	evice Manager to	change the
Driver Signing Device Manager ardware Profiles Hardware profiles provide a way for you to set up and store different hardware configurations. Hardware Profiles	pro	operties or any de	VICE.		
Hardware Profiles Hardware profiles provide a way for you to set up and store different hardware configurations.		Driver Signin	ng	Device	Manager
Ardware Profiles Hardware profiles provide a way for you to set up and store different hardware configurations.					
Hardware profiles provide a way for you to set up and store different hardware configurations.	Hardware Pr	ofiles			
different hardware configurations.	S He	ardware profiles p	rovide a w	vay for you to set (up and store
Hardware Profiles	🥪 dif	ferent hardware c	configurati	ons.	
Hardware Profiles				<u></u>	
Hadhalo Holloo				Hardwar	re Profiles



2.3 Double click Left key of the Mouse, and select "USB Serial Port (COM X)", then select the "Port settings", next, select "XON/XOFF" in "Flow Control". As shown in figure.



2.4 Select "Advanced...", then select "COM1/COM2" in the "COM port NO." of the "Advanced Settings for com port", as shown in figure.

USB Serial Port (COM2) Properties	Advanced Settings for COM2
General Port Settings Driver Bits per second: 9600 • Data bits: 8 • Parity: None • Stop bits: 1 • Flow control: Xon / Xoff •	COM Port Number: COM 3 (in use) USB Transfer Sizes Select lower settings to correct performance problems at low baud rates. Select higher settings for faster performance. Receive (Bytes): 4096 Transmit (Bytes): 4096
Advanced Restore Defaults DK Cancel	BM Options Miscellaneous Options Select lower settings to correct response problems. Serial Enumerator Latency Timer (msec): 16 Timeouts Cancel If Power Off Minimum Read Timeout (msec): 0 Minimum Write Timeout (msec): 0

www.sign-in-china.com

USB Serial Port (COM2) Properties ? ×	Advanced Settings for COM2
Bits per second: 9600 Data bits: 8 Parity: None Stop bits: 1 Flow control: Xon / Xoff	COM Port Number: COM1 (in use) USB Transfer Size COM1 (in use) Select lower setting: COM4 Select lower setting: COM4 Select lower setting: COM4 Select lower setting: Annce problems at low baud rates. Select lower setting: COM4 Transmit (Bytes): 4096
Advanced Restore Defaults	BM Options Select lower settings to correct response problems. Latency Timer (msec): 16 Timeouts Minimum Read Timeout (msec): 0 Viscellaneous Options Serial Enumerator Serial Printer Cancel If Power Off Event On Surprise Rem Set RTS On Close Disable Modem Cit & 1
OK Cancel	Minimum Write Timeout (msec): 0

2.5 Then the "Communications Port (Com 2)" will be

disabled because you have chosen a port of Artcut 2009.





3. After the setting of the computer, you need set in "Artcut 2009" and the settings in "Artcut 2009" should come in line with the settings of the computer.

3.1 If you choose "COM2" as the output port in the computer's properties, you also should choose "COM2" in "Artcut 2009". The same with that, if you choose "COM1" in the computer, you also should choose "COM1" in "Artcut 2009". As shown in figure.

www.sign-in-china.com

Set Engraver/Router's Output	
Device REDSAIL(HPGL)	ink to Com2 V Setup
Vinyl Size Page Size Start position Output [User Define ▼ Width 210 Left: 0 1002 Width: 440 Height 297 Top: 0 ✓ Sort Height: 3000 Preview ● ● ● Plot Area ● ● ● ● ● Area 1 ● ● ● ● ● ● Image: 1 ● <th>t Plotting Dash line ► Copies ► Numbers 1 Horz Interval 0 ► Vert Interval 0 ► Vert Interval 0</th>	t Plotting Dash line ► Copies ► Numbers 1 Horz Interval 0 ► Vert Interval 0 ► Vert Interval 0
Set Engraver/Router's Output	
Device REDSAIL(HPGL) • I	ink to com2 💽 Setup
Device Setup	<
Vinyl PageSize setting Command set Serial Port Setting Ploter Compensation	
Port: (com2) - Baud Rate: 9600 -	
Data Bits: 8 🔹 Check: None 💌	
Stop Bits: 1	
Sequential Control: DTR/DSR	latio Test Close
XON/XOP	
E BIS/CTS	Lut/Piot
RTS/CTS	otting
	thine Copies
RTS/CTS	btting Cut/Plot

3.2 Similarly, if you choose "XON/XOFF" in "Flow Control" of the

computer's properties, you also should choose "XON/XOFF" in "Artcut 2005". If you select "Hard Ware" in your computer, according to this, you should choose "RTS/CTS" in "Artcut 2005".



After above settings, you can out put from USB successfully.