E63.C1K E70 Piezo Controller Software

User Manual

Version: V1.0

This document describes the following products:

- E63.C1K   Piezo Controller Open loop   1 channel

Contents

1.USB Connection

Install usb device driver: Check device manager.
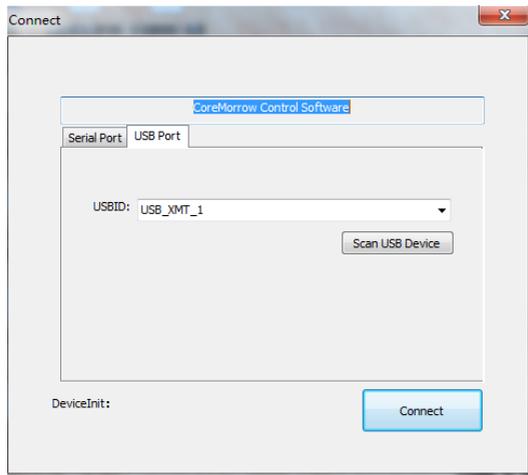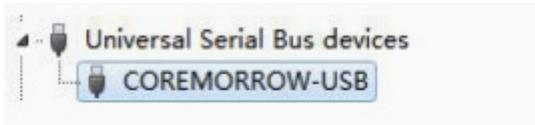
(1) Click "Scan USB Devices";

(2) Then click the "Connect" button. If there is USB device, select the USB to be opened through the drop-down menu.

(3) Open the USB successfully.

2.Single Point Control

(1)Fill in the output voltage, and then click "Send" to complete the output voltage control; Accordingly, the actual output voltage is displayed in the lower right corner.

(2)"Zero": Fill "0" in the edit box and send 0 to the piezo controller to control the reset voltage.

(3)Step length: fill in the control amount of small step.

Select " +" ,add the step size value to the current position.

Select "-" , subtract the step size from the current position.
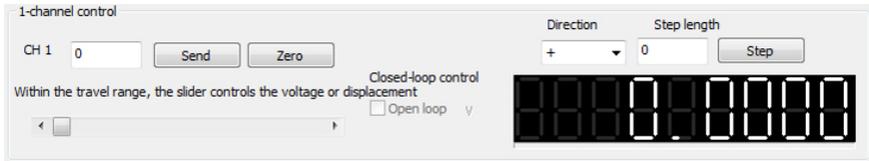
3.Programmable Control

Operational control from A to B, setting the coordinates of A and B, then run time from A to B which compose run track of A to B, run time of serial port and USB by sending points data.
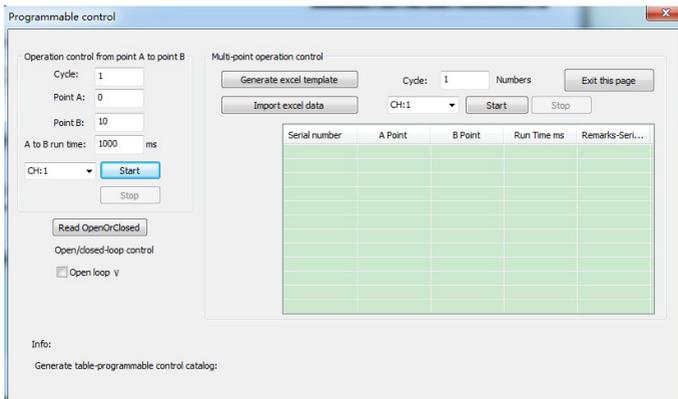
4.System Information

After scanning and turning on the USB, system parameters can be read with minimum voltage of 0V and maximum voltage;

The system reads the information automatically;The maximum displacement is filled in according to the experimental report.

Read system information								
					USB setting serial port 9600 baud rate		Update data	Exit this page
Lower computer...	Total Num of Ch	Communication ...	Constant voltag...	Sensor type	Analog input	Bridge road	Version number	
E63	1	USB/			8.800 To 8.800		Version number...	

Stage name	Total Num of Ch	Drive mode-linear	Constant voltag...	Sensor type	
-	-	-	-	-	

Num of Ch	Min.voltage/v	Max.voltage/v	Min.stroke	Max.stroke	Load/uf	Power/w	BandwidthKhz
NO.1 Ch	0.000	150.000	0.000 μm	0.000 μm	0.000	1.000	1.000

5.Waveform Control

Standard waveform							
Wave type	Peak to peak value/ V	Frequency/Hz	Bias/ V				
Sine Wave	0	0	0	Send	Stop	Closed-loop control	
		0	Frequency increment	Exit this page		Open loop V	

Fill in the waveform data: peak-to-peak value, frequency, bias and waveform information, and then click "Send" to complete the input of waveform, and the waveform is output until "stop" is clicked;

This intermittent control does not stop until the "stop" is clicked.

6.Contact us

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