

E01.SC6 Gain Regulator

User Manual

Versions: V1.0 Date: 2021-12-29



This document introduces below product:

- E01.SC6

Declaration

Declaration !

This manual is used for E01.SC6 gain regulator, before use, please read this manual in detail. Please according to this instruction to operate the product, if you have any question, please contact with CoreMorrow for technical support. If you fail to operate in accordance with this manual or disassemble and modify the product yourself, CoreMorrow will not be liable for any consequences arising therefrom.

Please read the following to avoid personal injury and prevent damage to this product or any other products connected to it. In order to avoid possible hazards, this product can only be used within the specified range.

Notice !

- Do not touch any exposed ends of the product and its accessories.
- Do not open the case privately.
- Do not plug in or out the input, output, or power cord when the power is on.
- Please keep the surface of the product clean and dry, and do not operate in a high humidity or high static electricity environment.
- When switching the output of the gain regulator, please turn off the power supply of the gain regulator first.

Danger !

- Pay special attention if you connect products other than our company, please follow the general accident prevention regulations.

Warning !

- If the change or maintenance of the instrument is not carried out by the personnel expressly authorized by CoreMorrow, CoreMorrow will not assume any responsibility for improper maintenance or incorrect use.
- Changes or maintenance must and can only be performed by personnel expressly authorized by CoreMorrow. For maintenance, only original parts can be used.

Contents

- 1. Overview 2
 - 1.1 Characteristics 2
 - 1.2 Application 2
 - 1.3 Order information..... 2
- 2. Function 2
- 3. Appearance 3
- 4. Technical Data 3
- 5. Interface 4
- 6. Gain Adjustment 5
- 7. Contact us 5

1. Overview

1.1 Characteristics

- ▶ Small size;
- ▶ 21.6V to 26.4V power supply;
- ▶ Analog input range 0 to 10V;
- ▶ 6 channels;
- ▶ 4 gain selectors for each channel.

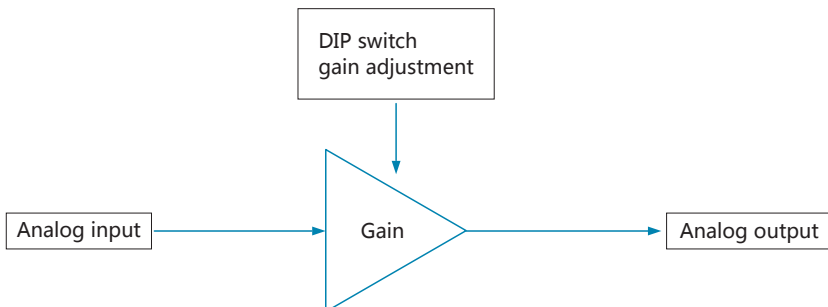
1.2 Application

- ▶ Used for gain adjustment of analog input of piezo controller.

1.3 Order information

- ▶ This product is customized according to user' s requirements:
 - ① Gain/adjustment 0~10Voutput (in default) ;
 - ② Gain/adjustment 0~9.33V output ;
 - ③ Gain/adjustment 0~6.66V output ;
 - ④ Gain/adjustment 0~2.66V output.

2. Function



3. Appearance



4. Technical Data

Types		E01.SC6
Power supply	Input voltage	24VDC/0.3A(21.6V~26.4V)
	Static consumption	<1W
Input	Interface	BNC
	Channels	6
	Nominal analog input	0 to 10V
Output	Interface	SMB
	Channels	6
	Nominal analog output range (4 gain selectors for each channel)	(1) 0~10V; (2) 0~9.33V; (3) 0~6.66V; (4) 0~2.66V;
Appearance	Size	129mm×84mm×32mm
	Mass	485g

5. Interface

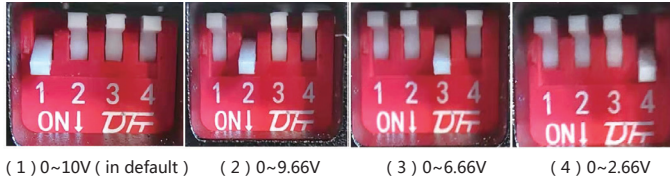
Panel Introduction



No.	Function	Description
1~6	Analog input	1~6 channel analog input
7~12	Analog output	1~6 channel analog output
13	Power supply	The power connector socket, connected through a power adapter or a DC power supply.
14	Power indicator	
15	Power switch	Power control, on or off
16~21	DIP switch	1~6 channel gain adjustment DIP switch

6. Gain Adjustment

E01.SC6 gain regulator features 6 channels input and 6 channels output, there are 4 gain selectors for each channel, and 1 to 6 channel gain DIP switch is in sequence corresponding to S1 to S6. Gain selectors are shown in blow.



Note: Please shift the gain selector after power off.

7. Contact Us

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