Handheld Intelligent Setting Unit

HISU-DM Manual

Note: This manual is for the 2DM860H DM860AC 2DM556 and simular drivers.
Check with your driver manual for compatabilty.

Major Function:

- Module Reset;
- Parameters Configuration Function;
- Upload or Download Parameters Function.

The introduction of the button panel:

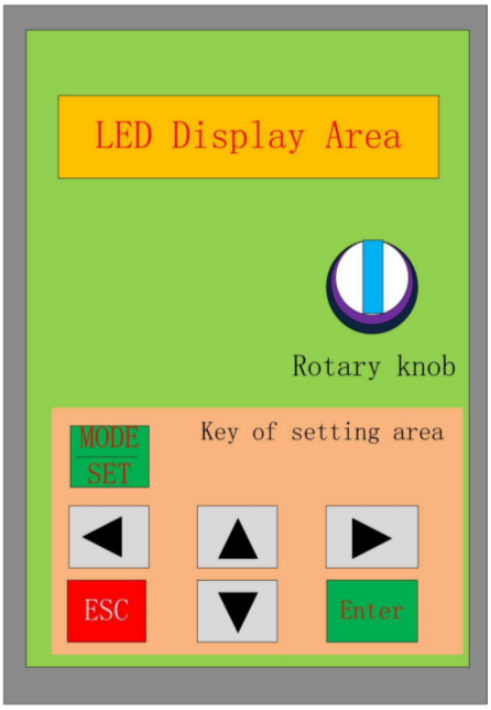


Fig.1 Button Panel

The function of the buttons:

Icon	Function	Icon	Function
MODE /SET	Mode Setting	ESC	Connect/Quit
◀	Left	▼	Subtract Values
▲	Add Values	Enter	Confirm
▶	Right		

Display After Power-on and Connection:

Display rEAdy_After Power-on:

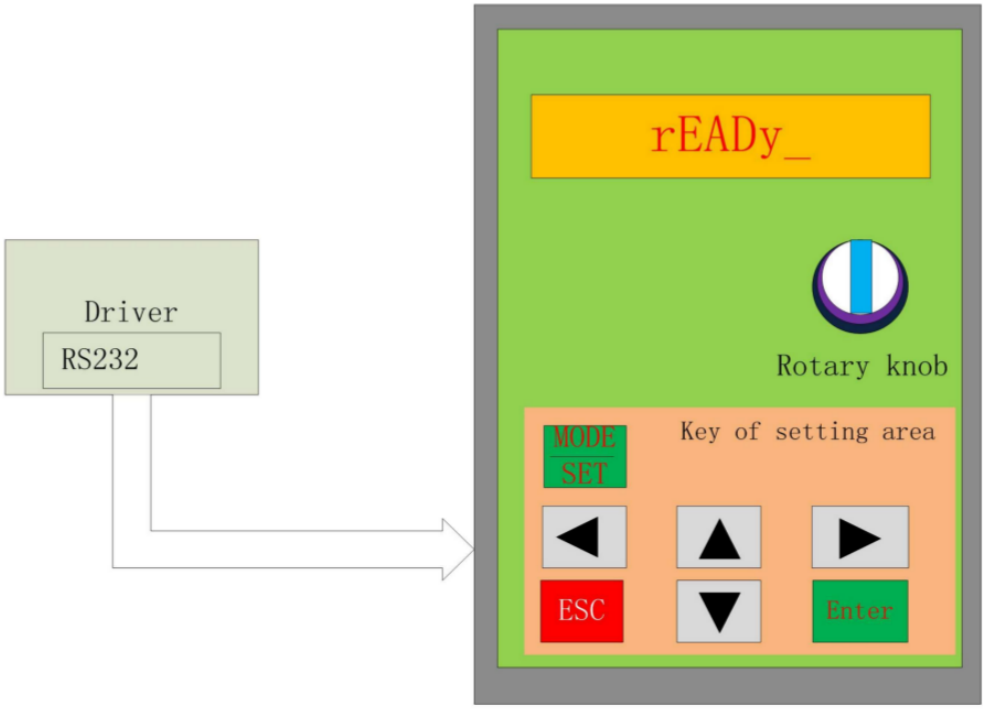


Fig. 2 After power on display

Connection:

After the connection is successful show as below:

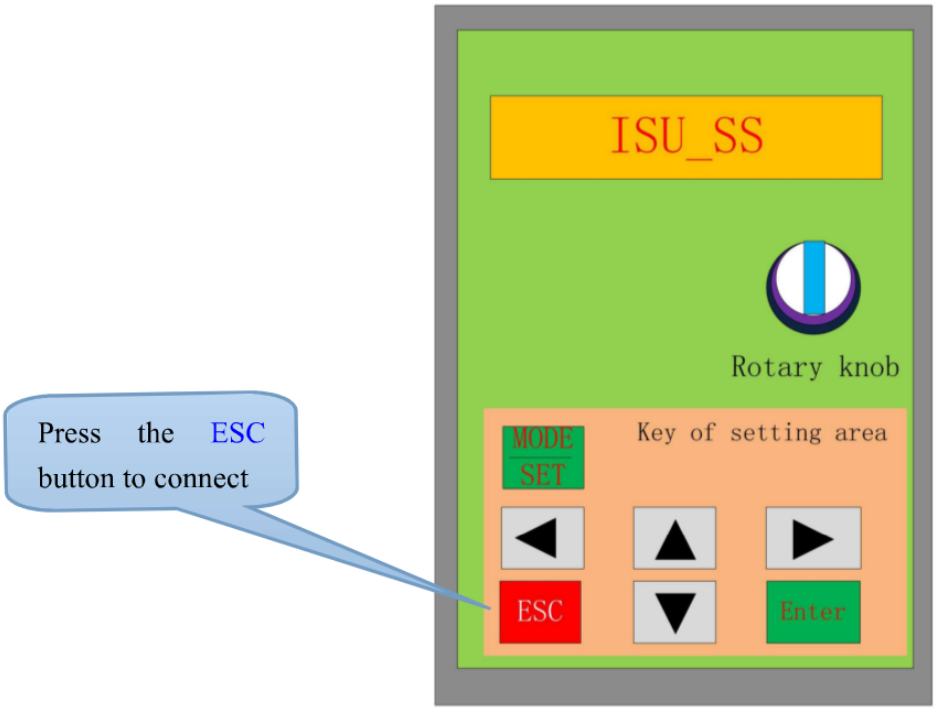


Fig.3 Connection instructions

Mode Select Function:

After the connection is successful, press the MODE button to enter the model function:

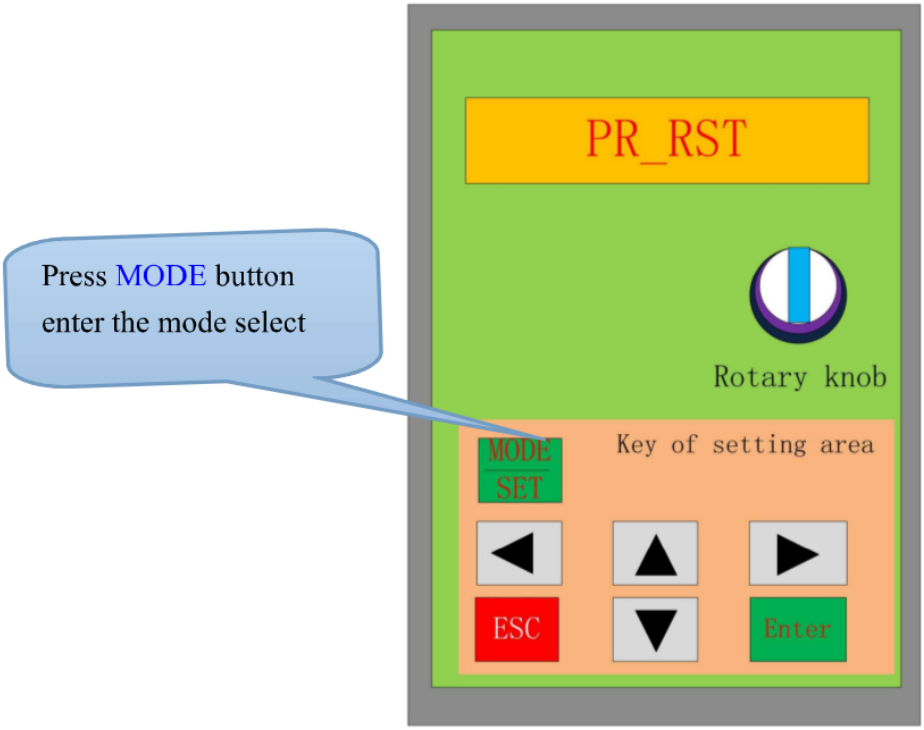


Fig.4 Instructions for function mode

Function description as below:

LED Display	Function	Remarks
PR_RST	Reset Parameters	Initialization Parameters
PA_ _01	Parameters Adjustment	Adjust The Parameter Values
dA_ _UP	Upload or Download Parameters	Upload or Download Groups Of Parameters

Operating Instructions

The total diagram of button operation:

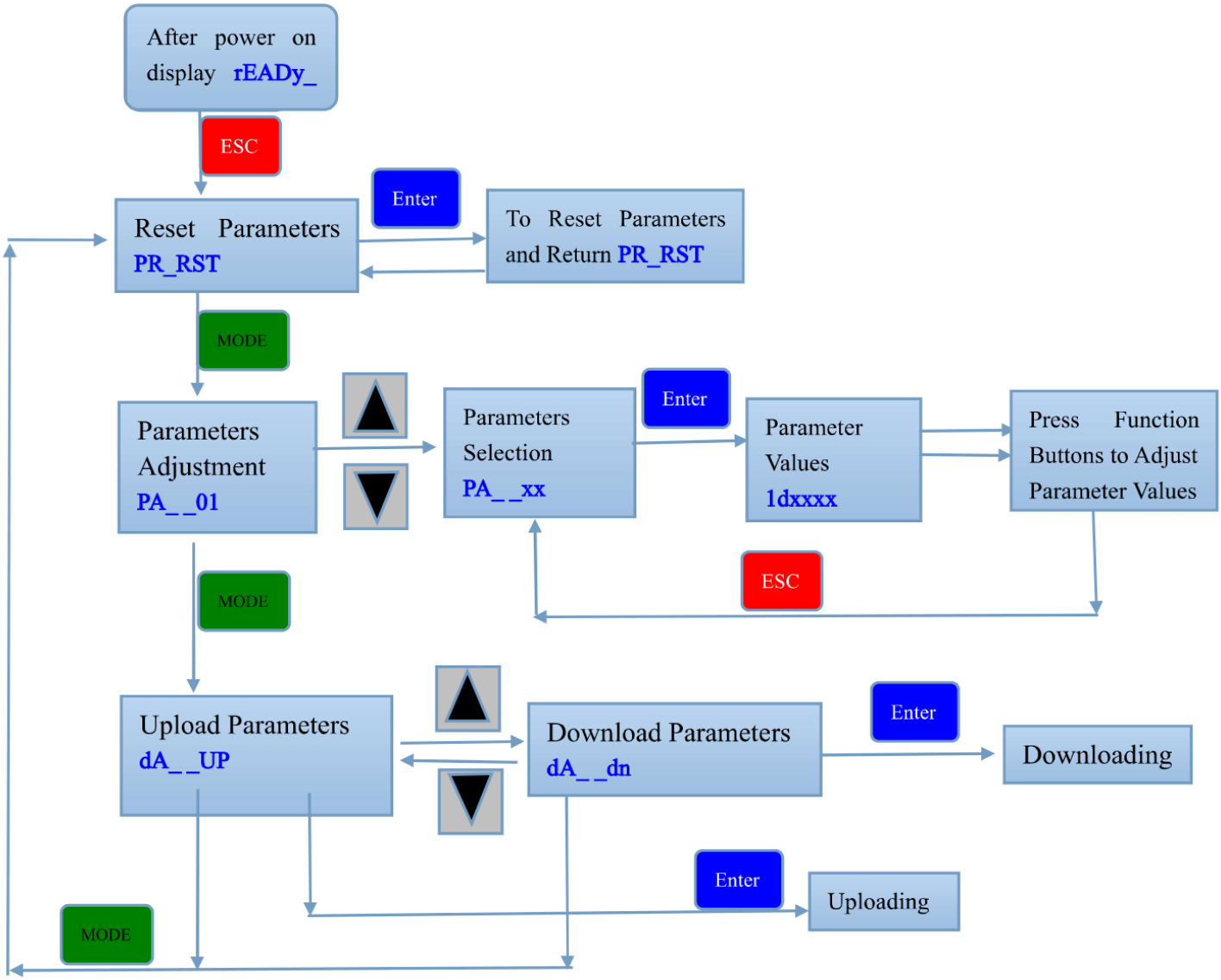


Fig.5 The button operation flow chart

Note: Model according to various function buttons or parameter adjustment, the effect after the arrow buttons.

Parameters model for operation：

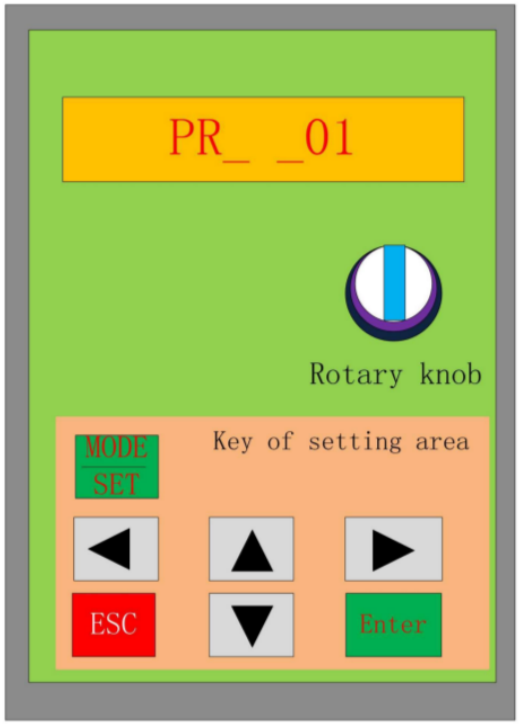


Fig.6 The display of parameters adjustment

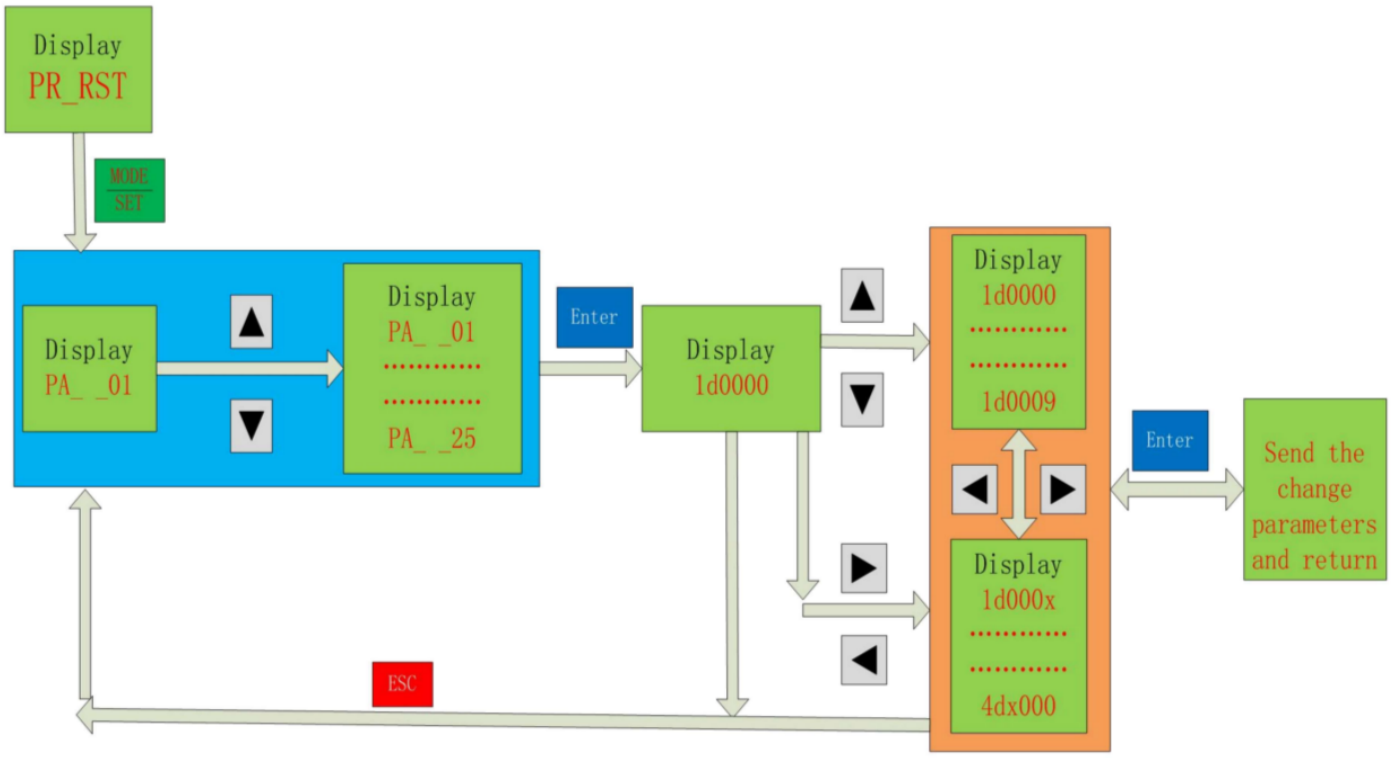


Fig.7 The flow chart of parameters adjustment

Note:Each parameter adjustment range is 0-4000.Press confirm button to enter to adjust parameters, you can look at to the initial value of parameters.After changing the parameters, the panel shows the actual return value of the driver.

（Example:Change the value of 9, the actual return 1, panel display to 1.）

Parameter Table：

Display	Address	Initial Value	Description	Range
PR_RST	0x00	11		0——4000
PR_ _01	0x01	xx		0——4000
PR_ _02	0x02	xx		0——4000
PR_ _03	0x03	xx		0——4000
PR_ _04	0x04	xx		0——4000
PR_ _05	0x05	xx		0——4000
PR_ _06	0x06	xx		0——4000
PR_ _07	0x07	xx		0——4000
PR_ _08	0x08	xx		0——4000
PR_ _09	0x09	xx		0——4000
PR_ _10	0x0a	xx		0——4000
PR_ _11	0x0b	xx		0——4000
PR_ _12	0x0c	xx		0——4000
PR_ _13	0x0d	xx		0——4000
PR_ _14	0x0e	xx		0——4000
PR_ _15	0x0f	xx		0——4000
PR_ _16	0x10	xx		0——4000
PR_ _17	0x11	xx		0——4000
PR_ _18	0x12	xx		0——4000
PR_ _19	0x13	xx		0——4000
PR_ _20	0x14	xx		0——4000
PR_ _21	0x15	xx		0——4000
PR_ _22	0x16	xx		0——4000
PR_ _23	0x17	xx		0——4000
PR_ _24	0x18	xx		0——4000
PR_ _25	0x19	xx	Rotary knob	0——4000

Rotary Knob Operation：

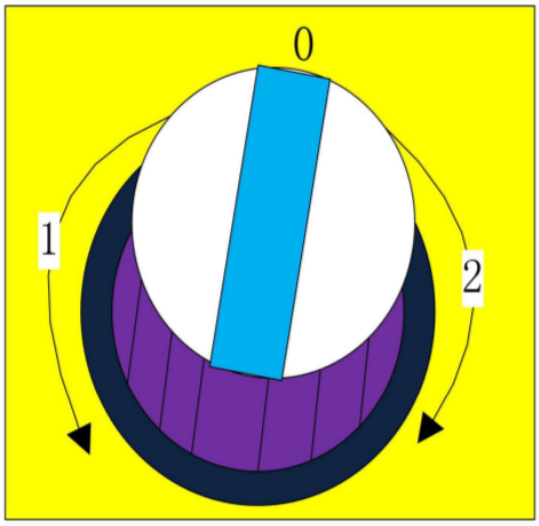


Fig.8 Rotary Knob abridged general view

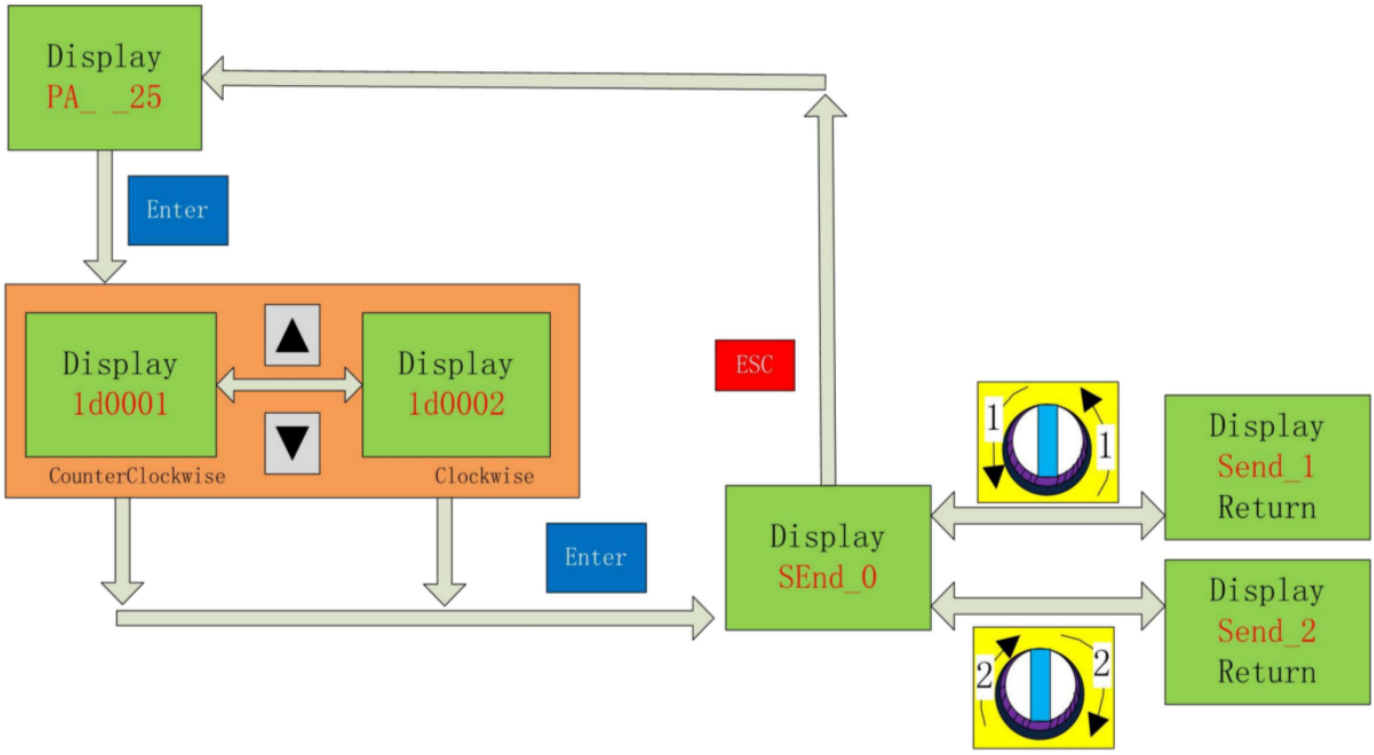
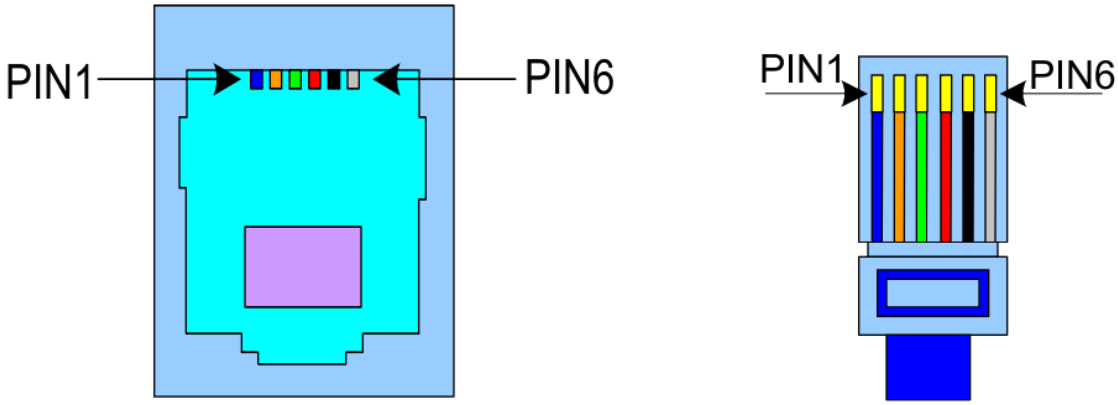


Fig.9 Rotary Knob operation flow chart

Note: Choose forward or reverse function after the knob.Clockwise to slow down, and vice to accelerate.According to the number of revolution decided to acceleration or deceleration,rotating once that working once.（Within 45 milliseconds）If motionless,it keeping the speed of before.Press ESC button to exit.

Connections to 232 Serial Communication Interface



Crystal Head foot	Definition	Remark
1	TXD	Transmit Data
2	RXD	Receive Data
4	+5V	Power Supply to HISU
6	GND	Power Ground