

# MK52 Automatic guide system operation instructions are simple

## 1 Keyboard description:



Auto key: press to enter auto mode.



Manual key: Press to enter manual mode.



Center key: Press this button to push the pusher stroke back to the center of the pusher stroke.



Setup key: Press and hold for 3 seconds in the manual state to enter the system setup menu.

Press and hold for 3 seconds in the automatic state to lock or unlock the keyboard (the keyboard lock status screen will have text prompts).

Automatic status short press to enter the quick set dead zone, gain, speed, offset (each press to switch the setting menu).



OK key: Enter menu or save parameters in setup mode.



Polarity Key: Switches the direction of the fader polarity in automatic mode.



Left key: Press the pusher to move to the left in the manual state, and the menu option switch button or parameter adjustment in the setting state.



Right key: Press the pusher to move to the right in the manual state, and the menu option switch button or parameter adjustment in the setting state.

2 Guide polarity setting: In the automatic state, when the pusher drive material moves in the opposite direction of the sensor, press the button to return the material to the correct direction.

3 guide gain, speed, dead zone, offset setting

### Automatic status parameter adjustment:

automatic state, press [Setup key], the corresponding number under Gain, Speed, Blind Zone and Offset becomes "Red-white display on white background", then press [Left key] to decrease the number, [Right key] to increase the number, adjust to the required After the number, if you need to continue to adjust other parameters, press the [Setup key], adjust the parameters to be adjusted, and press [Left key] or [Right key] to adjust the number. After the parameter adjustment is completed, press the [OK key] to save the adjusted parameters and exit the setting status.

### Manual status parameter adjustment:

manual state, long press the [Setup key] tab to jump to the system setting interface, press the [Left key] or [Right key] button to adjust the menu options and press the [OK key] button to enter for the current menu option, when the parameter changes to "Red-white display on white background", press [Left key] or [Right key] to adjust the parameters, press [OK key] to save the adjusted parameters. Then press "Settings" to exit the setting interface.

4 Signal calibration operation when using color scale or photoelectric sensor:

When using color code or photoelectric sensor, it is necessary to perform signal calibration according to different materials in order to correct the deviation.

4-1 Before calibrating the signal, please enter the system setting interface to set <<Corrective signal calibration>> to customize. Refer to Manual Status Parameter Adjustment for the operation steps.

4-2 Press and hold the [OK key], the screen will display <<guide signal calibration>>, the sensor spot will be illuminated to the side where the pattern needs to be detected, and press the [Left key]. then, illuminate the sensor spot on the other side of the pattern to be detected and press the [Right key] button. If the system detects that the deviation of the signals on both sides can be used for correction, The system will return to the manual interface. (If the screen prompts "Calibration failed", please repeat the above).

Note: Please be sure to keep this instruction manual in a safe place so that you can check it when needed. Thank you for your cooperation!