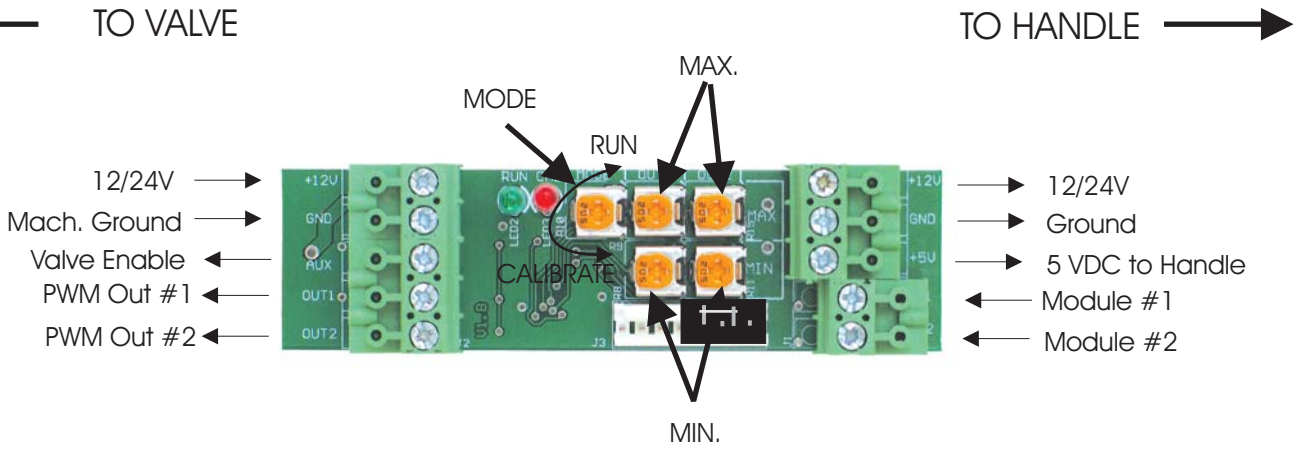


SDB-P1 Single Axis Driver Board



Single axis driver setup and calibration guide

The Single axis driver board is shipped from Sure Grip controls with a factory configuration. To match the configuration of the final application the following setup producer is require.

Before proceeding with setting the operating values make sure the board is installed with power and ground and that the driver board outputs are wired to the solenoids that will be operated.

Step1:

Apply power to the board and observe that the RUN light (green) comes on. Turn the Mode potentiometer CCW(counter clockwise) until the CAL light (red) comes on.

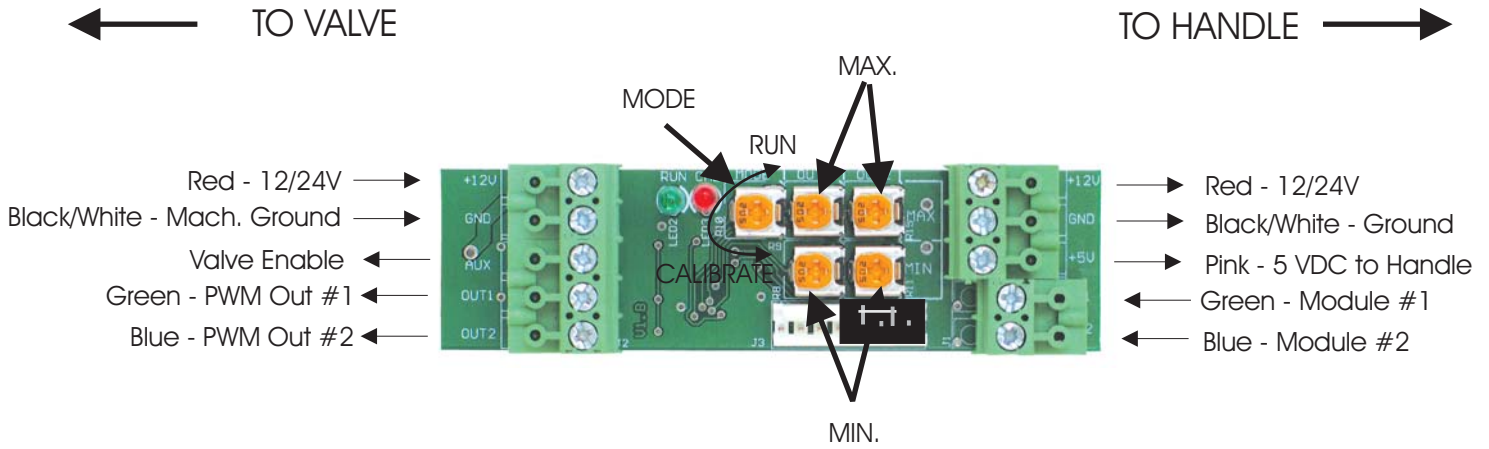
Step2:

Adjust the output potentiometers to the appropriate operating output. Turning the potentiometer CCW will decrease the PWM output while turning CW(clockwise) will increase the PWM output. Test the machine operation while making adjustments to ensure correct operation.

Step3:

When the output values are set to the correct operation turn the MODE potentiometer CW(clockwise) until the RUN light (green) comes on.

SDB-P1 Single Axis Driver Board



Single axis driver setup and calibration guide

The Single axis driver board is shipped from Sure Grip controls with a factory configuration. To match the configuration of the final application the following setup producer is require.

Before proceeding with setting the operating values make sure the board is installed with power and ground and that the driver board outputs are wired to the solenoids that will be operated.

Step1:

Apply power to the board and observe that the RUN light (green) comes on. Turn the Mode potentiometer CCW(counter clockwise) until the CAL light (red) comes on.

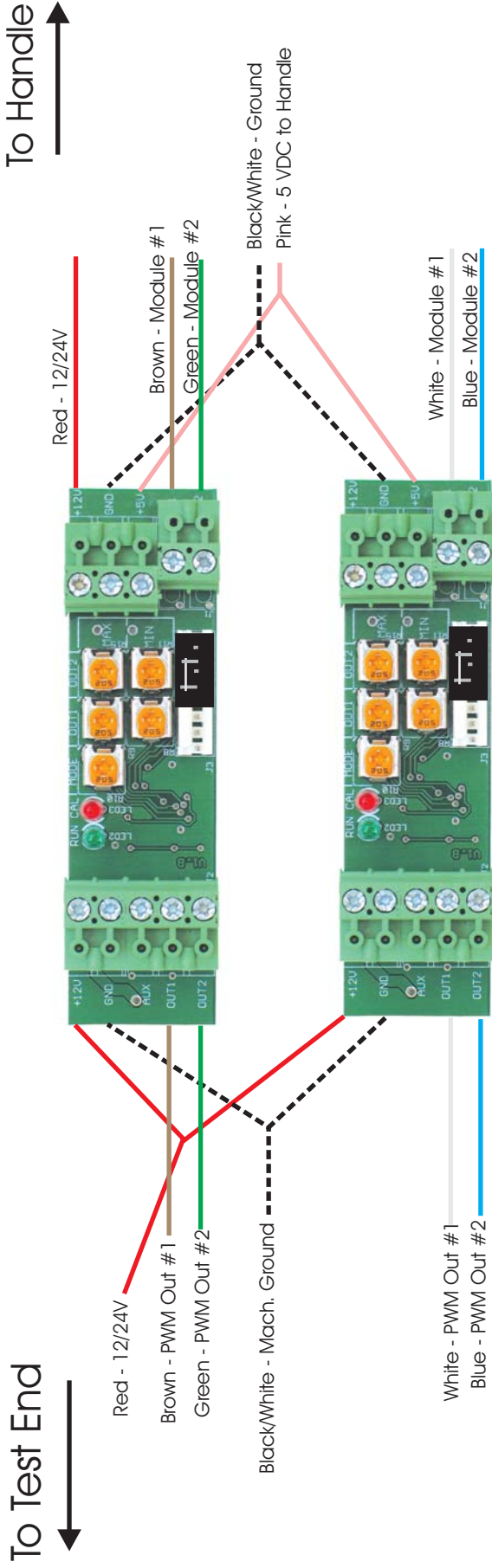
Step2:

Adjust the output potentiometers to the appropriate operating output. Turning the potentiometer CCW will decrease the PWM output while turning CW(clockwise) will increase the PWM output. Test the machine operation while making adjustments to ensure correct operation.

Step3:

When the output values are set to the correct operation turn the MODE potentiometer CW(clockwise) until the RUN light (green) comes on.

SDB-P1-2 Single Axis Driver Board



Single axis driver setup and calibration guide

The Single axis driver board is shipped from Sure Grip controls with a factory configuration. To match the configuration of the final application the following setup producer is require.

Before proceeding with setting the operating values make sure the board is installed with power and ground and that the driver board outputs are wired to the solenoids that will be operated.

Step1:

Apply power to the board and observe that the RUN light (green) comes on. Turn the Mode potentiometer CCW (counter clockwise) until the CAL light (red) comes on.

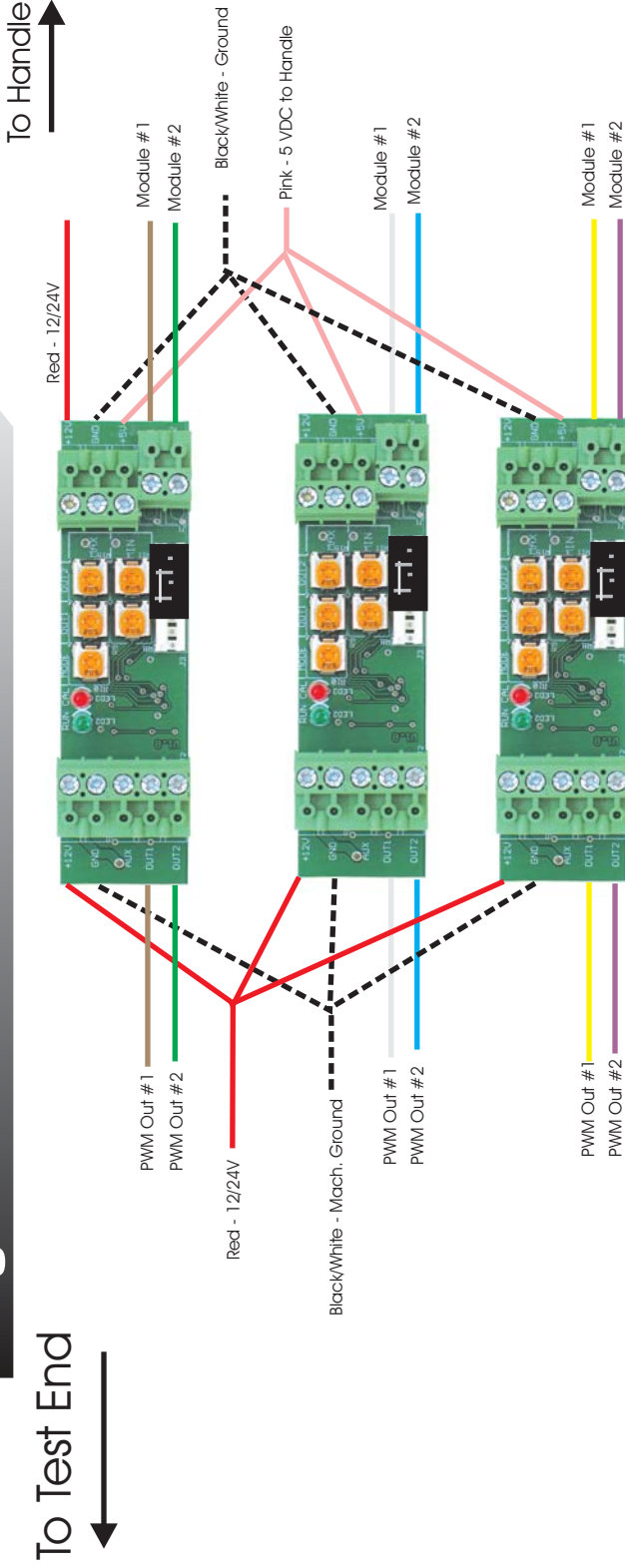
Step2:

Adjust the output potentiometers to the appropriate operating output. Turning the potentiometer CCW will decrease the PWM output while turning CW (clockwise) will increase the PWM output. Test the machine operation while making adjustments to ensure correct operation.

Step3:

When the output values are set to the correct operation turn the MODE potentiometer CW (clockwise) until the RUN light (green) comes on.

SDB-P1-3 Single Axis Driver Board



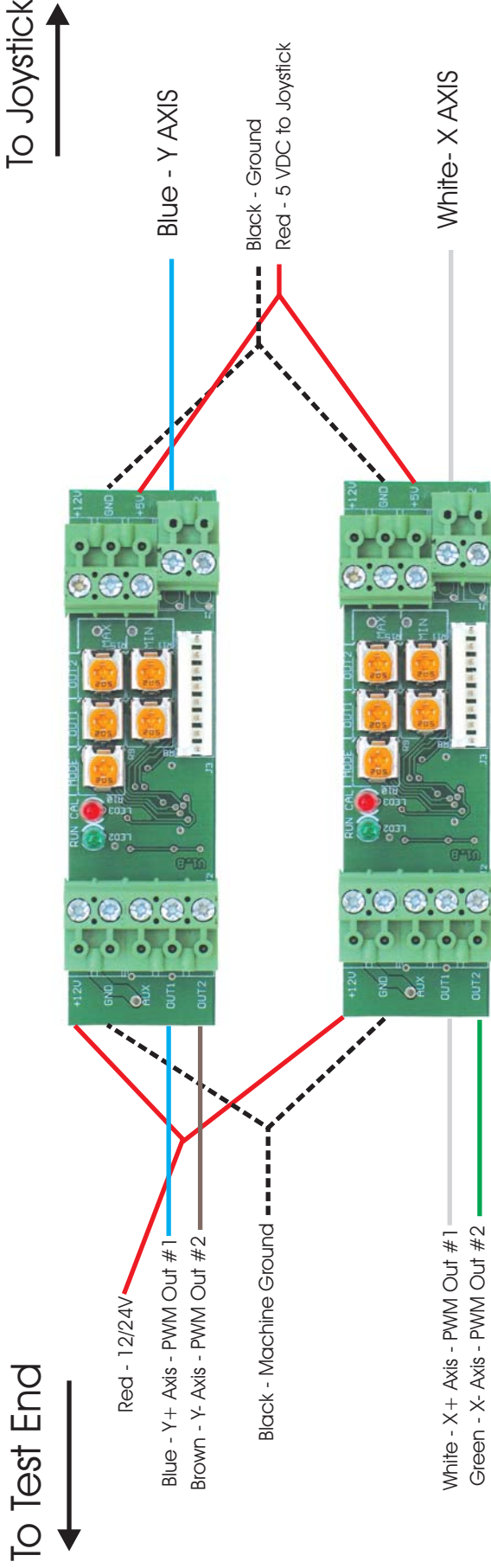
Single axis driver setup and calibration guide

The Single axis driver board is shipped from Sure Grip controls with a factory configuration. To match the configuration of the final application the following setup producer is require.

Before proceeding with setting the operating values make sure the board is installed with power and ground and that the driver board outputs are wired to the solenoids that will be operated.

- Step 1:* Apply power to the board and observe that the RUN light (green) comes on. Turn the Mode potentiometer CCW(counter clockwise) until the CAL light (red) comes on.
- Step 2:* Adjust the output potentiometers to the appropriate operating output. Turning the potentiometer CCW will decrease the PWM output while turning CW(clockwise) will increase the PWM output. Test the machine operation while making adjustments to ensure correct operation.
- Step 3:* When the output values are set to the correct operation turn the MODE potentiometer CW(clockwise) until the RUN light (green) comes on.

SDB-P1-2 (for Joysticks) Single Axis Driver Board

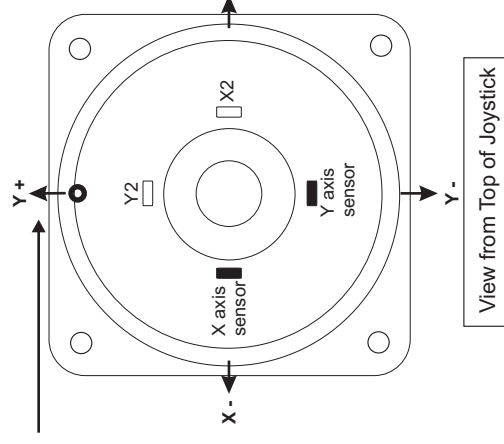


Single axis driver setup and calibration guide

The Single axis driver board is shipped from Sure Grip controls with a factory configuration. To match the configuration of the final application the following setup producer is require.

Before proceeding with setting the operating values make sure the board is installed with power and ground and that the driver board outputs are wired to the solenoids that will be operated.

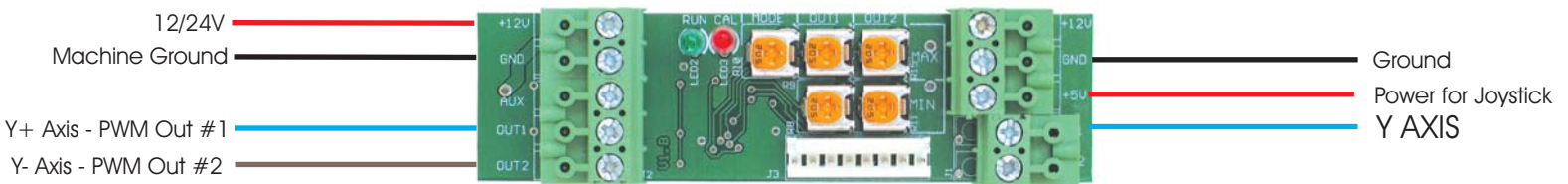
- Step 1:* Apply power to the board and observe that the RUN light (green) comes on. Turn the Mode potentiometer CCW(counter clockwise) until the CAL light (red) comes on.
- Step 2:* Adjust the output potentiometers to the appropriate operating output. Turning the potentiometer CCW will decrease the PWM output while turning CW(clockwise) will increase the PWM output. Test the machine operation while making adjustments to ensure correct operation.
- Step 3:* When the output values are set to the correct operation turn the MODE potentiometer CW(clockwise) until the RUN light (green) comes on.



SDB-P1 (for Single Axis Joysticks) Single Axis Driver Board

Test End

To Joystick

Single axis driver setup and calibration guide

The single axis driver board is shipped from Sure Grip controls with a factory configuration. To match the duration of the final application the following setup procedure is required.

Before proceeding with setting the operating values make sure the board is installed with power and ground and that the driver board outputs are wired to the solenoids that will be operated.

Apply power to the board and observe that the RUN light (green) comes on. Turn the Mode potentiometer CCW(counter clockwise) until the CAL light (red) comes on.

Adjust the output potentiometers to the appropriate operating output. Turning the potentiometer CCW will decrease the PWM output while turning CW(clockwise) will increase the PWM output. Test the machine operation while making adjustments to ensure correct operation.

When the output values are set to the correct operation turn the MODE potentiometer CW(clockwise) until the RUN light (green) comes on.

