

Thank you for purchasing the G901X step pulse multiplier. The G901X is covered under a manufacturer's warranty for one year from the date of purchase. If you are not 100% satisfied with the G901X you may return it for a full refund, minus shipping charges, provided it is like new cosmetically and electrically.

To connect the G901X, follow the directions below:

REMOVING THE COVER:

- 1.) Remove the two 2-56 phillips-head screws on the bottom of the drive.
- 2.) Gently lift the back of the cover upward until the LED clears the rectangular hole
- 3.) Slide the cover backwards while still lifting until it clears the drive.

REMOVING THE OPTOISOLATOR

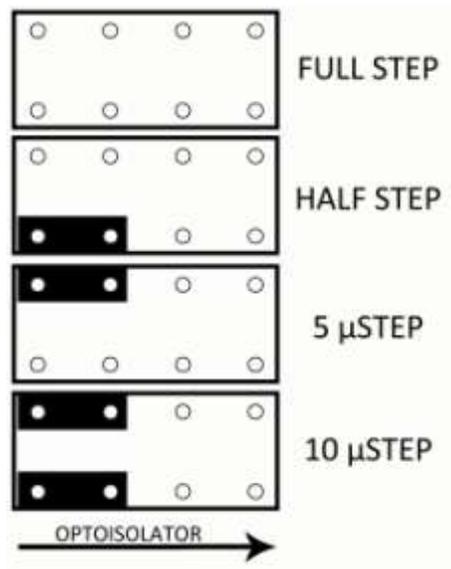
- 1.) Locate the socketed HCPL2531 optoisolator located opposite the capacitor, near the 12 pin 5mm connector.
- 2.) Using needle nose pliers, pull straight up on the optoisolator to remove it from the sockets.

INSERTING THE G901X

- 1.) Orient the G901X so the 8 connection pins, located under the jumper block, are closest to the 12 pin 5mm connector on the drive.
- 2.) Line up the 8 connection pins with the 8 socket pins on the drive and push down firmly, careful not to bend any of the pins underneath the G901X.

SET THE DESIRED STEP PULSE MULTIPLIER JUMPER SETTINGS

- 1.) Using the diagram below, set the G901X jumpers to the appropriate setting for your application.



PLEASE NOTE: The four pins closest to the optoisolator are used as placeholders for extra jumpers; these do not connect to anything on the G901X or the drive it is plugging into. It is recommended to use small needle-nose pliers or tweezers to move the jumpers on the internal headers.

REPLACING THE COVER:

- 1.) Make sure the LED is vertical relative to the drive printed circuit board.
- 2.) Slide the cover forward over the drive while lifting the back of the cover.
- 3.) When the cover is fully forward, look to see the LED is aligned with the hole.
- 4.) Gently press the cover down, making sure the LED moves into the hole.
- 5.) Replace the screws on the bottom of the drive.

G901X LAYOUT AND DIMENSIONS

