nova®
Smart Tools, Powerful Solutions

SKU 5529173A

# Magnetic Emergency Stop Accessory

OPERATION MANUAL

**For safety reasons please carefully read and understand these instructions**

Add a moveable emergency stop button to your package drive motor.

With a strong magnet back and

Designed to work with the 1624 DVR upgrade motor, Bandsaw motor upgrade kits and other Striatch 750w and 1250w motors.

Note: Some units come with with the hole already plugged. If so, the firmware is also pre-loaded. Follow steps 1,2 and 5-7 on the assembly section.

## Parts List:

| Part | SKU | Description | Qty |
|---|---|---|---|
| 1 | 5529173A | Emergency Stop | 1 |
| 2 | 8379059 | USB A-A Cable | 1 |

## Specifications:

| | Metric | Imperial |
|---|---|---|
| **Overall Size** | 71mm (L) x 72mm (w) x 97mm(H) | 2.8” (L) x 2.8” (w) x 3.8” (H) |
| **Package Size** | 152mm(L) x 152mm (W) x 152mm (H) | 6 (L) x 6” (W) x 56” (H) |
| **Net Weight** | 07oz | .44lbs |
| **Gross Weight** | 11oz | .69lbs |

For all worldwide Inquiries, Repairs or Services (issues must be in writing)
Contact us at:
https://www.teknatool.com/support/

## Assembly Instructions:

Tools Needed (not included): Phillips Screwdriver, 12mm metal drill bit and painters tape

1

Remove power from the controller and wait 5 minutes for the board compacters to discharge.

2

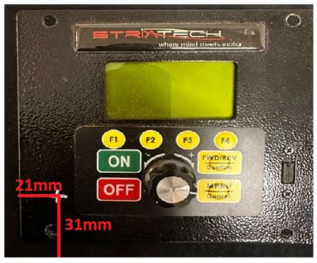
Unscrew the 4 top cover screws and slowly tilt the HMI to the left to remove the grey 10pin HMI Cable circled in red being carful with the keypad cable.

3

Follow the flashing guide below these steps

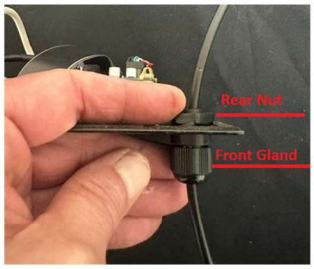
4

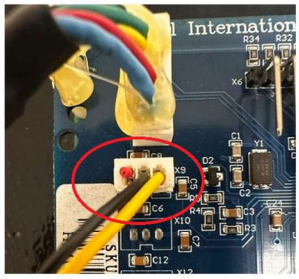
Mark where you will drill the 12mm hole. 21mm over from the left and 31mm up from the bottom. We suggest putting a piece of painter's tape on the bottom to catch any metal shavings. Also shown is a peice securing the USB cable. Drill your hole and clean the burrs around your hole and wipe everything down to ensure no metal shavings remain.



5

Remove the back nut on the Emergency cable gland and fit the bottom of the gland into the drilled hole then replace the gland nut and tighten it.
Then loosen the front of the gland so you can move the cable to the proper length to fit under the keypad cable and into the 3pin slot marked X9. There should be a little slack.



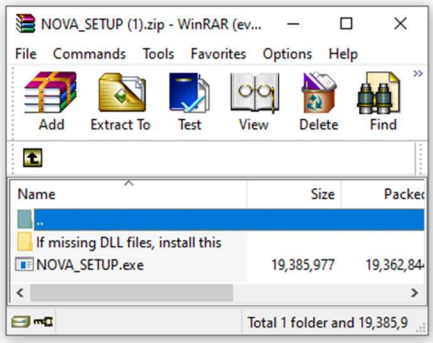
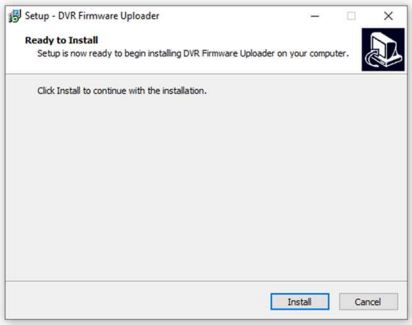
6

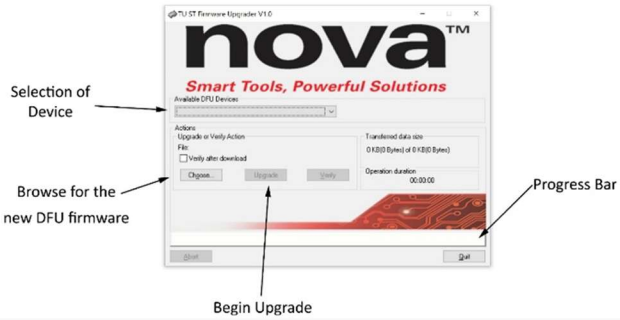
Plug the 10pin HMI cable back in and re-secure the 4 top cover screws.

7

Reconnect the unit to power and turn the controller on and preform a factory reset by Pressing and holding 'menu/cancel' followed by a 3 second press and release of 'Off' and finally releasing 'menu/cancel' when the factory reset language appears on the HMI screen. Power down the unit for 5 minutes.

## HMI Flashing Instructions:

| | |
|---|---|
| Tools Required: A Windows computer with USB ports, A USB A-A cable. | |
| | |
| **Software Needed:** | **Download From** |
| Nova Firmware Upgrader program: | NOVA Firmware Downloader |
| **Package Drive Firmware** | |
| 1624 and 125w Upgrade Motor Set | 53103 ESTOP Firmware |
| Bandsaw Motor Upgrade Set | Coming Soon |
| | |
| 1 | |
| Download the Nova Firmware Upgrader program and open the .zip file |   |
| 2 | |
| Open the “Nova_SETUP.exe” and follow the instructions to install the software.<br><br>Some older computers may have issues opening the program and have a “missing DLL” warning, to solve this, please install the drivers provided in the folder inside the zip file:<br>For 32-bit based operation systems, please install the “vcredist_x86.exe” file<br>For 64-bit based operation systems, please install the “vcredist_x64.exe” file |   |
| 3 | |
| Plug your USB A-A cable into your computer and the top of the HMI pannel | |

| | |
|---|---|
| 4 | |
| Open the Nova Firmware Upgrader from the Start Menu once it has been installed.<br><br>Important: The Firmware Upgrader must be installed before the HMI is connected to the computer otherwise the incorrect drivers will be installed. |  |
| 5 | |
| Put the HMI into USB mode by holding down “F1”, then pressing “OFF” momentarily, and finally releasing “F1”.<br><br>Once the HMI panel has been connected to the PC, the Nova Firmware Upgrade program should show the device as a “STM Device in DFU” mode as shown in the picture. | |
| 6 | |
| To begin upgrading, click “Choose…” and select the correct .DFU file for your machine (which you have downloaded earlier from the Teknatool website), then click “Upgrade” to upload the firmware into the HMI panel.<br><br>Once done, unplug your HMI cable and return to setp 4 on the assembly steps. | |

# Teknatool Warranty

**NOVA Limited Warranty**

7229 Bryan Dairy Road Largo, FL 33777
teknatool.com | 727.954.3433

Our policy is one of continuous improvement. We, therefore, reserve the right to change specifications/designs without notice. This warranty is *Teknatool International Ltd* and *Teknatool USA Inc.* sole warranty, whether written or verbal, whether expressed or implied by law, trade, custom, or otherwise, whether of merchantability, fitness for purpose, or otherwise, except for remedies available to customers under the Consumer Guarantees Act or other legislation. For full warranty details and instructions on how to file a claim, please go to www.teknatool.com