

DEMA 870 & 871™ Trident Pro-Select



This kit is designed to add or replace a Trident Pro-Select on an existing DEMA® Trident unit, models 870 & 871. Read this instruction sheet completely before installing the Trident Pro-Select.

Caution: Before opening the DEMA® Trident enclosure all power should be turned off. All installations must be in accordance with city, county, state, parish or provincial electrical codes and should be performed by a certified electrician. The use of a licensed electrical contractor for installation is recommended.

Installation Procedure

- Select a location to mount the Trident Pro-Select where the operator can easily access the control buttons. It can be mounted with the self-adhesive Velcro that is included in the hookup kit.
- The Trident Pro-Select is connected to the Trident Pump Stand. See Cable Wiring Diagram on next page. When securing the DB9 patch cord to the Trident, avoid sharp edges, electrical motors and relays; additionally, do not run parallel to electrical power lines and conduit.
- Upon power up the Trident Pro-Select assembly will display DEMA Engineering, Trident Pro-Select, the version number, and date of the version. After the system is past its start-up sequence, the display will show the formula name, (if one is programmed), the formula number, load counts for that formula and the total load counts for the pump stand.

Operation

- **Formula Buttons:** Change to a desired formula by simply pressing the “up” or “down” buttons below to the formula display. The formula display will show the formula name (if programmed) followed by the formula number. The DEMA® Trident is set to run.
- **Red Start/Stop:** Pressing the red button once will activate the pumps. Pressing the red button a second time and it will stop any active pumps or the flush. The display backlight will flash and the audible alarm will sound. Pressing the “Stop” button again will mute the audible alarm. The stop condition may be cleared after 10 seconds by pressing the “Stop” button again.

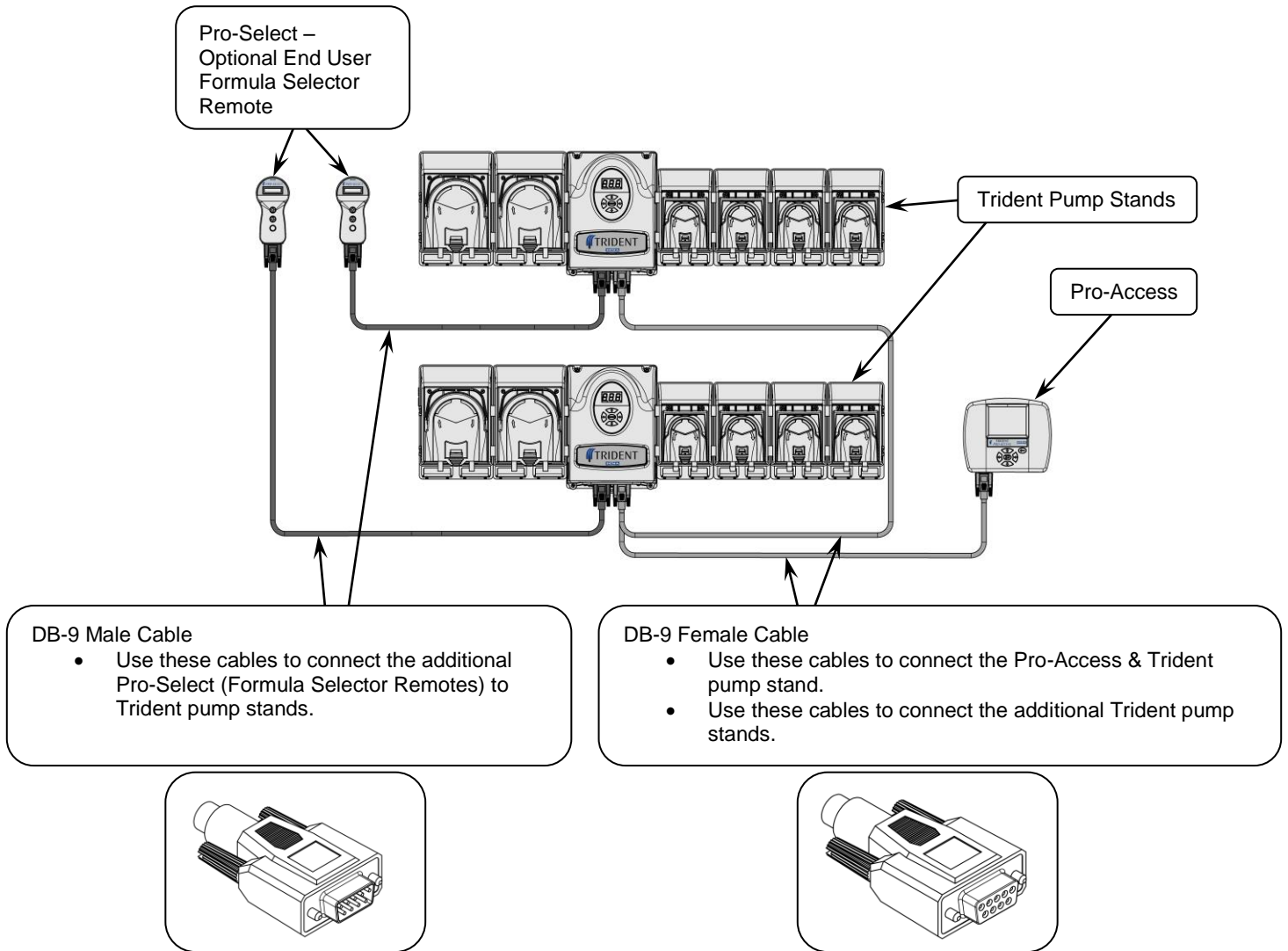
Parts Included

Pro-Select Kit (86.100.8.1)

- Pro-Select Assy. (84.427.1)
- Kit – DB9 Cable Assy. M-M W/Dust Cover – 8’ (86.100.5.1)
- Velcro, Black Hook & Loop 2” x 3” (83.16.1)
- Instruction Sheet – Pro-Select Module (I228)
- Foam 2-1/8 x 6-1/4 x 9 (B211.1)
- Packing Box (B211.2)

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Cable Wiring Diagram



Return Policy

No merchandise may be returned for credit without DEMA® Engineering Company's written permission. Return Merchandise Authorization (RMA) number required in advance of return.

Warranty

DEMA® products are warranted against defective material and workmanship under normal use and service for one year from the date of manufacture. This limited warranty does not apply to any products, which have a normal life shorter than one year or failure and damage caused by chemicals, corrosion, improper voltage supply, physical abuse or misapplication. Rubber and synthetic rubber parts such as "O"-rings, diaphragms, squeeze tubing, and gaskets are considered expendable and are not covered under warranty. This warranty is extended only to the original buyer of DEMA® products. If products are altered or repaired without prior approval of DEMA®, this warranty will be void.

Defective units or parts should be returned to the factory with transportation prepaid. If inspection shows them to be defective, they will be repaired or replaced without charge, F.O.B. factory. DEMA® assumes no liability for damages. Return merchandise authorization number to return units for repair or replacement must be granted in advance of return.