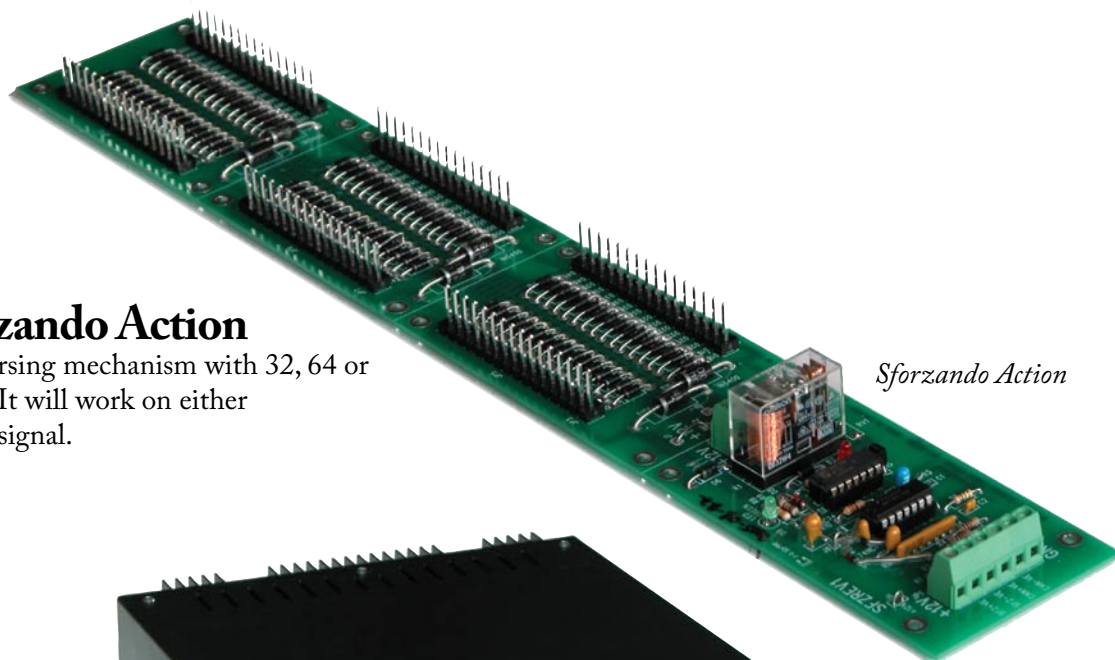


### Solid State Sforzando Action

Solid state controlled reversing mechanism with 32, 64 or 96 diode isolated circuits. It will work on either positive or negative input signal.



*Sforzando Action*



*Standard Transformer Style with Meters (VS)*

*Switching Power Supply*



### Astron Power Supplies

Klann Organ Supply keeps a complete line of Astron power supplies on hand. The standard transformer style is available in 35, 50, and 70 ampere output in either 110 or 220 volt input (not convertible). The style with meters allows external adjustment from 5 to 15.5 volts output. The models without meters are set at 13.8 volts and have an internal adjustment of 11 to 14.5 volts. The 50 ampere and 70 ampere units are designed to install two or more units in parallel for increased amperage output.

We now stock the Astron UL Approved switching power supply in 18 and 30 ampere output which is factory set at 13.8 volts without adjusting capabilities. The DC current is completely solid state regulated so there is no massive transformer. This unit will work on either 110 or 220 volts. It is very compact and lightweight, and is ideal for solid state consoles and electro-pneumatic actions.

### Astron Power Supplies (VS RS) Dimensions and Shipping Weights

Ampere	Height x Width x Depth	Shipping Weight
35	5" x 11" x 11"	27 lbs.
50	6" x 13-3/4" x 11"	46 lbs.
70	6" x 13-3/4" x 12-1/8"	48 lbs.

### Astron Switching Power Supplies (SS) Sizes and Weights

Ampere	Height x Width x Depth	Shipping Weight
18	2-3/8" x 6" x 9"	4 lbs.
30	3-3/4" x 7" x 9.5/8"	5 lbs.

### Astron Rectifier Fuse Requirements

RS & VS Series	35 amp	50 amp	70 amp
110 volt	8	10 slo	12 slo
220 volt	4	5 slo	6 slo
MDX type fuse for units with removable power cord (RS & VS).			
SS Series	18 amp	30 amp	
110 or 220 volt	3	5	



## Classic AC Control Unit



Safe and efficient way to power any organ product. 6 switched and 2 unswitched outlets. Switching by solid state relay. Includes 12V source

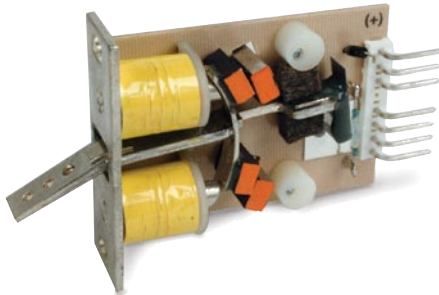
## Stop Action Units

Klann Organ Supply stocks the Syndyne SAM™ units and the Peterson Power Tabs™. Both have proven to be sound and reliable units. They are available with either straight tongues for tilting tablets or angled tongues for stop keys.

Klann stop keys and tilting tablets are designed to attach securely to both.

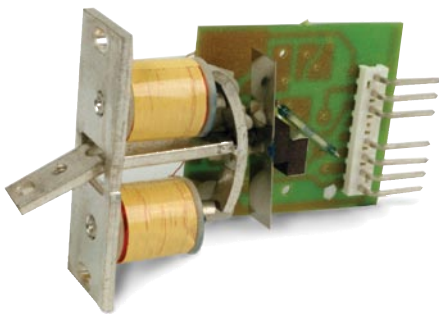
### Peterson Stop Action Units

*Peterson Dual Coil Stop Action Unit for Stop Keys*



### Syndyne Stop Action Units

*Syndyne Dual Coil Stop Action Unit for Stop Keys*



## Key Locking Switch

This barrel keyed switch may be used as the main power (in conjunction with a motor relay), or to turn the Classic AC power control box on or off, or can be used as a lockout for the 608 Combination Action memory security. It is wired as a single pole, double throw switch with the contacts rated at 7 amps. All locks are identically keyed. Two keys are provided and extras are available.

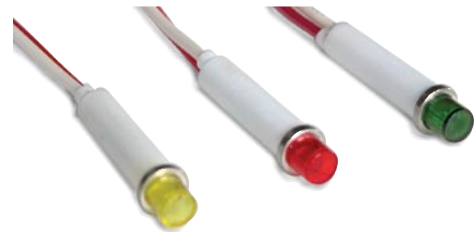
## Indicator Lights - Incandescent

The short barrel lamp requires a 9/32" hole plus a 3/4" counter bore to properly mount the lamp with its retainer and plug-in connector. It is available in red, green, amber, and white.



## Indicator Lamps - LED

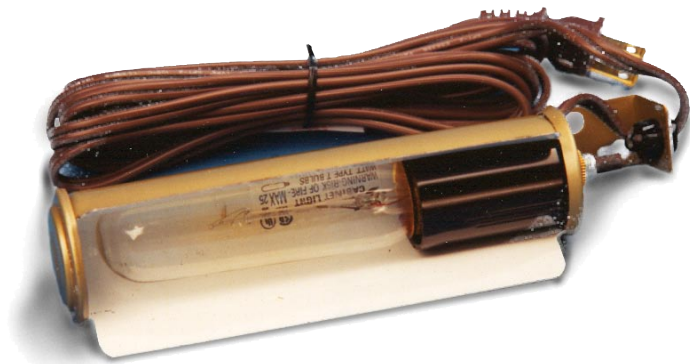
Klann Organ Supply has added a long barrel LED indicator lamp. It can be mounted in a 5/16" hole without any counter bore and it has two 4" leads. The red lead is positive and the white lead is negative. Built-in resistance allows it to work on regular organ voltages without external resistors. It is available in red, green, and yellow.



## Optical LED

Light is transmitted through a light pipe flush with the face of the nameboard. Call for more information.





## Pedal Lamp Kit

This compact incandescent lamp mounts with two screws under the key desk to shine down on the pedal board and knee panel. It has a built-in switch and standard lamp cord with plug.



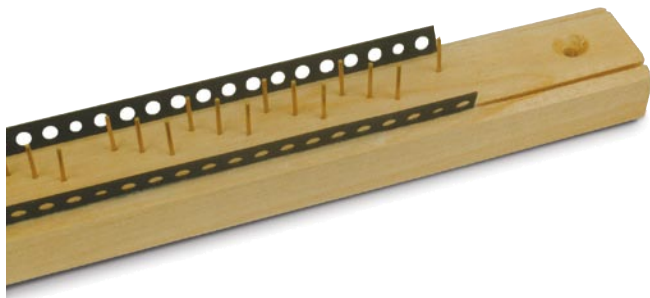
## Common Terminal Bar

For connecting DC power feed leads on a convenient bar. Requires square drive or a flat blade screw driver. 7 hole, 9 hole and 12 hole are available.



## Contact Regulation Tools

The contact regulation tools come two to a set. They are very useful in regulating contacts, especially in otherwise inaccessible places.



## Cable Junction Boards

Klann cable junction boards have long been a standard in the industry. Built of poplar wood and headless brass escutcheon pins which are set in 12 note groups. They include perforated fiber strips on each side for lacing the cables. Each is 1-1/4" wide x 3/4" high plus 1/2" escutcheon pin and the following overall lengths:

61 note	21"
73 note	25"
85 note	28-1/2"
97 note	32"



## Stop Key Bracket Assembly

Replacement units available for the old style KCA trip-per type combination actions. Please be sure to specify for either stop key or tilting tablet. Note: Other miscellaneous KCA parts may still be available. Please inquire.