

# Classic Organ Works

2800 John Street, Unit 4, Markham, Ontario CANADA L3R 0E2  
www.organworks.com 905-475-1275 or 1-888-812-9717 info@organworks.com

## MCS-1: Main Cable Switch



### Description

The MCS-1 Main Cable Switch board is a stand-alone unit that automatically routes a Classic Organ console to the chamber system when the console cable is plugged into a floor or wall connector.

There can be up to four possible locations for the console connectors and routing is performed simply by plugging the console cable into the nearest one. Relays in the board then connect the console directly to the chamber. This avoids having unnecessary lengths of cable in parallel or having to connect any by-passing loops, etc.

One of the inputs to the board is 'Straight-Through' and this should be made the normal route for the console. No power is required for this routing.

For the other three inputs, the console switched +12V is used to operate relays that switch over all the cable connections to a different input.

The board should be installed in the chamber or some convenient location where the access to the connector locations will give the least amount of cabling en route. There is only one output cable to the chamber.

The switched +12V supply in the console (normally provided by a wall adaptor inside the AC Control Unit) may need to be updated to provide more current. The board requires 200 mA.

### Features

- Stand-alone unit
- Compatible with all Classic Organ serial control systems
- Automatic routing when cable plugged in
- No controls to adjust
- Avoids having paralleled cables and bypasses.
- Normal routing needs no power
- Alternative routing powered by console (200 mA, +12V)
- No additional power necessary for board
- Available for 2, 3 or 4 console locations (4 is shown)
- Board may be in three widths for 2, 3 or 4 locations
- LED indicates current routing
- Approximate size: 10.4" x 3.9" (26.3x9.9 cm) (w x h) for full board.

### Applications

Automatic routing of serial data cable for Classic Organs in large organ installations where the console may be moved to one of several locations.