

Selektor 11 Instructions



Adjusting the percentage:

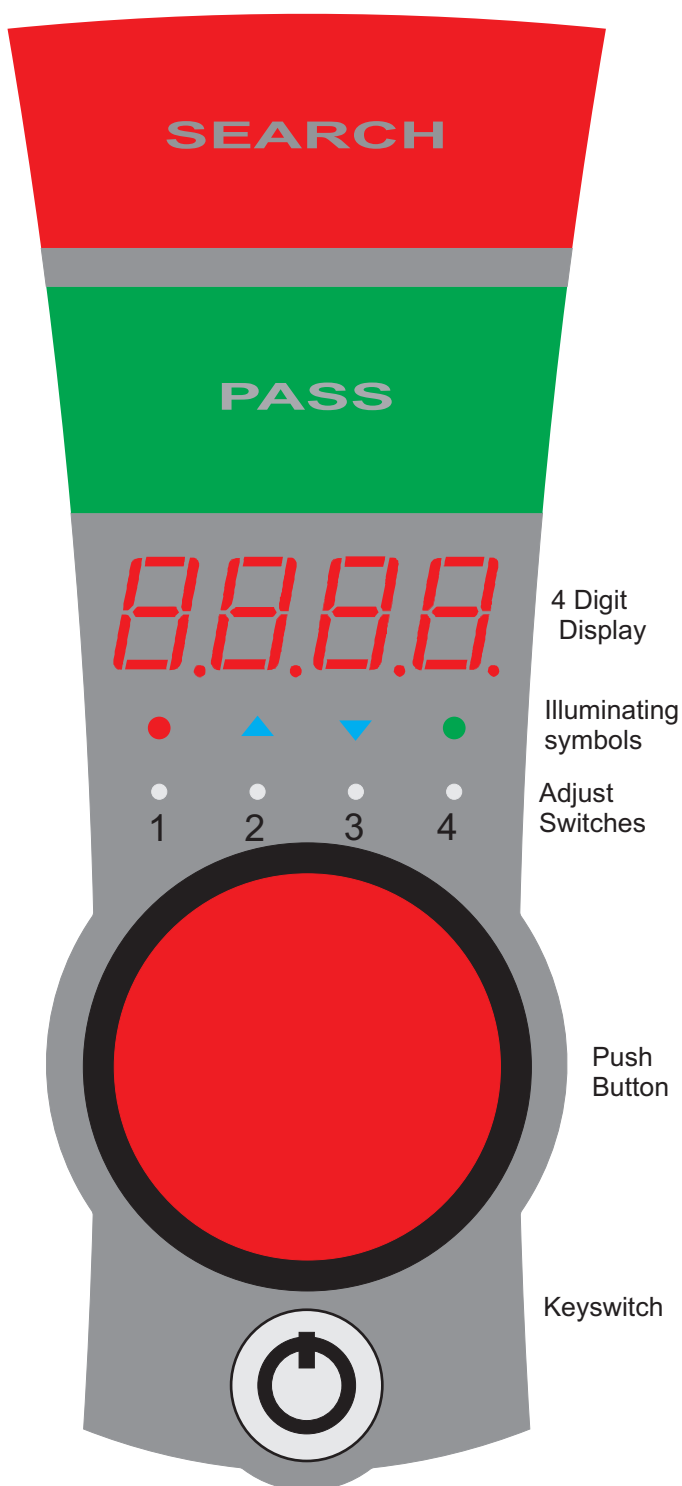
To set the percentage turn the key anti-clockwise to the adjust position then use the middle up/down buttons (2,3) to set the percentage

Using the Search and Pass Counters:

With the key removed press the left switch (1) to show the "search count". Press the right switch (4) to show the "Pass count".

Resetting the counters:

Press and hold the left and right switch (1,4) and turn the key to the adjust position



Wall mounting the unit

- Carefully lever off the two black press fit end caps from the unit using a blade or screwdriver in the slot between the clip and the main case
- Drill a single hole using a 5.5-mm masonry drill for the top mounting hole
- Fit a wall plug - screw the unit onto the wall using a single fixing
- Align the unit vertically
- Mark the wall by placing the bottom screw in position and tapping the end
- Remove the unit - draw a large cross with the mark at the centre
- Drill the bottom hole using the cross to avoid allowing the drill to drift off course
- Connect the power plug- Route cable round post
- Fit 2nd wall plug and screw the unit in place
- Replace the end caps

Adjustable settings - For special applications

The Selektor II can be customized for different applications by entering the edit menu.

To enter the edit menu

With the key in the "fixed" position press buttons (1 & 2) together. Turn the key to the adjust position. The up-down buttons (3,4) can then be used to step through the variable settings. To adjust the settings press buttons (1&4) together. A dot on the right hand side of the display shows that the variable can now be altered by using the up-down keys (3,4). Pressing button 1 will lock in the new setting.

Variable adjustments:

| | | |
|----|--|-------------|
| 1 | Internal "search sound" On-Off - | default on |
| 2 | Internal "pass sound" On-Off - | default on |
| 3 | External "search sound" On-Off - | default on |
| 4 | External "pass sound" On-Off - | default on |
| 5 | Search, pass lamp time (in seconds) | default 8 |
| 6 | Search, pass relay time (in 100milliseconds) | default 1 |
| 7 | Pushbutton enable-disable | default on |
| 8 | *External reset NO or NC contacts | default NO |
| 9 | Lamps off when reset i/p changed | default off |
| 10 | Search/pass relays off - reset i/p changed | default off |
| 11 | Special applications | |
| 12 | Special applications | |

Selektor II input - outputs

There are 4 connectors on the Selektor:

- DC Jack input, 12 volts regulated (centre pin +ve)
- By removing stick on cover you can access the following:*
- 8 way RJ45 connector - External pushbutton input
 - 6 way connector - Remote adjustment input
 - USB - Computer interface

The 8 way Rj45 External Pushbutton input connector connections are as follows:

| | |
|----|-------------------------------|
| 1, | External reset input |
| 2, | Pass relay output (-ve) |
| 3, | Souder -ve |
| 4, | Red lamp output (-ve) |
| 5, | Green lamp output (-ve) |
| 6, | Search relay output (-ve) |
| 7, | Pushbutton input |
| 8, | Common connection (+12 volts) |

Selector II is not suitable for external mounting

An external pushbutton is available to connect to the Selektor II. Part no. SS4000PB



An external remote indicator is available for the Selektor II Part no. SS4000REM-

Operating a Random Search Scheme

The random search selector is what it says, random! It is impossible to predict the outcome regardless of the setting (except 0 or 100%)

50% of what?

The setting is the odds of selection, e.g. at 20% there is a one in five chance of getting a red.

Set your unit on 20% and press the button for a large number of times, look at the values of the search and pass count, the ratio will be almost 4 to 1, not exactly but that's random for you!

What is the right setting for the selector?

The principle behind operating a random search is to deter, so the security checks made on those who are selected must be thorough. It is important that the setting of the selector is correct. If there are 100 people leaving in the space of five minutes and in that time it is only possible to check ten, the maximum percentage setting for the selector should be ten percent.

How can you tell if the random search is working?

If the 10% checked are clear, then the chances are so are the other 90%.

Every minute, every day of the year the Random Search Scheme can be operated.

Options to make the Search Scheme more effective are :-

- * Advertise the searching at all entry points, make a clear statement of policy, deterrence not detection.

