

STU-900CTRL-WR Gang Switch Manual

The 900CTRL-WR is a multi-purpose controller box that is appropriate for multiple groups of low to medium-power draw lighting and accessories. From simple auxiliary LED flood lights to a system of emergency warning light heads and strobes, the 900CTRL-WR controller is capable of handling it all while keeping much of your dashboard and center console area clean and tidy.

Functionality:

- Built-in non-volatile memory restores any buttons that were enabled following an unexpected loss of power
- Reverse-polarity protection
- Splash, Weather, & Dust Resistant (Not submersible; the 900CTRL-WR is not IPXX rated)
- Automatically disables backlight after 30 seconds of inactivity (does not apply when one or more of the buttons on the unit is toggled on).
 - Eliminates the need for a master power switch and allows the unit to be available for immediate use even when on standby.
- Each of the 9 buttons on the controller operates independently of one another and can each handle up to 10A of output (*fuse not included, please fuse the circuit externally as your use case requires*).
 - Each button has two functions: on/off toggle and momentary
 - To change the button from on/off toggle to momentary and vice versa, hold the desired button down for more than 15 seconds until you hear the relay click and the backlight turns back to white
- Backlight in standby mode is white and turns red when the switch is enabled
- The unit has a total of 11 wires
 - Two larger gauge wires, red and black, are the main 12V+ and ground respectively
 - The other 9 smaller gauge wires are each correlated to one of the nine buttons on the controller's face and will supply 12V+ to your desired item.

The 900CTRL-WR Controller comes with a mounting bracket, 4 shallow self-tapping screws (for installing the swivel bracket onto the back of the controller unit), 2 machine screws (for assembling the swivel bracket), and 4 sheets of sticker labels to customize the buttons.

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Questions? Email us at **support@signaltechunlimited.com** or call/text us at +1-808-400-6505
(standard rates may apply)