MULTIPLEX STRAIGHT BLADE PLUG-N-PLOW HANDHELD CONTROL

P/N: W96900

1. Turn the vehicle ignition switch to the ON position.
2. Turn the ON/OFF switch on the control to the ON position. The control keypad will glow green, indicating the control is on.

   NOTE: The ON/OFF switch can be used as an emergency stop when required.

3. Press the DOWN button for 1.7 seconds to engage the FLOAT mode. The FLOAT indicator light, located in the center of the keypad, will change from green to red. To cancel the FLOAT mode, momentarily press the UP button.
   FLOAT mode will automatically cancel after 17 minutes, and the FLOAT indicator light will turn back to green. To restart FLOAT mode, repeat step 3.

Blade Operation Time Outs

All control functions automatically time out (shut off) after a period of time. This helps reduce wear on the pump motor and prevent unnecessary battery drain. The UP function will time out after 4.0 seconds, while the LEFT and RIGHT functions will time out after 3.0 to 5.0 seconds.

Automatic Shutdown

After being idle for approx. 22 minutes, the control will automatically turn off and the indicator light located at the center of the keypad will blink from red to green. To restart the control, turn the control OFF (ON/OFF switch) and then back ON.

Soft Stop

The Control automatically allows the blade to coast to a soft stop. This results in smoother operation and decreased wear on the plows hydraulic system.

Double Tap (UP & FLOAT)

A quick Double Tap of the UP button will automatically raise the plow for 4.0 seconds.
A quick Double Tap of the DOWN button will automatically engage FLOAT (WARNING: Plow will immediately drop to the ground when Double Tapping the DOWN button).
NOTE: The Double Tap feature does not replace the normal operation (Press & Hold) of the UP & DOWN buttons, it is an added feature designed to enhance the performance of the control.
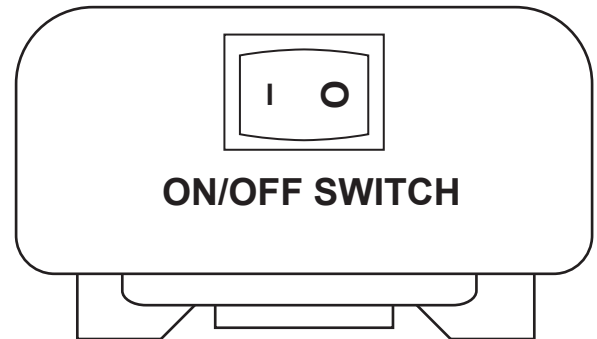
Security Lock Out Reset

In the event that the OEM Security Lock Out feature prevents this control from working, follow the instructions below.
1. Press & Hold the Left & Right buttons, and turn the control ON. (the center indicator light turns RED) Then Release.
2. Press the UP button once (the light turns to BLUE)
3. Press the DOWN button once (the light turns to RED)
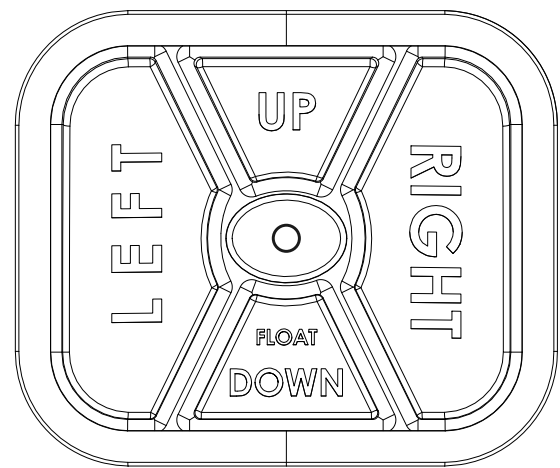4. Press the UP button once (the keypad will light up GREEN) and the control is ready to use.
Note: Our control will reset your snowplows OEM system back to factory setting with no OEM security lock out features enabled.

Timeouts given may vary according to plow type

[X] WESTERN   [ ] FISHER   [ ] BLIZZARD
[ ] BLIZZARD SPEEDWING (SB w/ Wings)
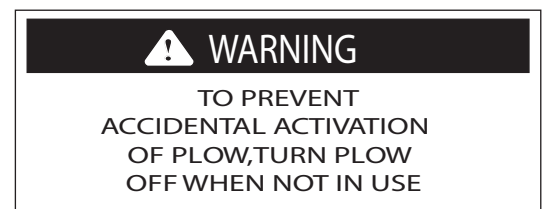

ON/OFF SWITCH

(LOCATED ON TOP OF HANDHELD CONTROL)

KEYPAD

POWER HITCH for BLIZZARD ONLY

For Blizzard Plows ONLY, when the control is turned ON the center GREEN indicator light will flash. This is the Power Hitch Mode. In this Mode the Power Hitch switch on your plow will work. Hit any button on the keypad to exit this Mode.

⚠ WARNING

TO PREVENT ACCIDENTAL ACTIVATION OF PLOW, TURN PLOW OFF WHEN NOT IN USE

U-SET (User Settings) FEATURE

This feature allows the user to customize features on this control to their preferences. Customizable features include:

* Double Tap   * Quick Float   * Automatic Shutdown   * Soft Stop   * Factory Reset

Disclaimer: Professional Plow Warehouse is NOT responsible for any damage or injury caused by the use of these customizable features. By changing the settings on the control, you take on all of the liability.

1. Turn the control to the OFF position.
2. PRESS and HOLD the "DOWN" button, then turn the control to the ON position. When the indicator light in the center of the keypad is BLUE, RELEASE the "DOWN" button.
   (You are now in Programing Mode -Channel #0- and the control will not operate the plow)
3. Press the "UP" button to cycle through the channels (0-4), Press the "DOWN" button to cycle through the channels backwards (4-0).

   Channel #0 = Programming Home (BLUE)
   Channel #1 = Double Tap (blinks one time)
   Channel #2 = Quick Float (blinks two times)
   Channel #3 = Automatic Shutdown set to 40 minutes (blinks three times)
   Channel #4 = Soft Stop (blinks four times)

4. Cycle through the customizable channels to the feature you would like to change. Once there:

   Press & Release the "RIGHT" to turn the channel ON (Blinks GREEN)
   Press & Release the "LEFT" to turn the channel OFF (Blinks RED)

5. Once you have set all the channels, **cycle back to Channel #0 (BLUE)**, once there the control will automatically save your settings (LED's will cycle).
6. Turn the control's power OFF (ON/OFF Switch), then back ON to test your changes.

*Double Tap Up & Float (Channel #1) Factory Setting OFF (Blinks RED)

A quick double tap of the UP button will automatically raise the plow for 2-3 seconds.
And, a quick double tap of the DOWN button will immediately drop the plow into FLOAT.

> **⚠ WARNING** When Double Tap is turned ON, the plow will immediately drop into FLOAT with a Double Tap of the DOWN button. When using Double Tap, it is recommended that you raise the plow and turn your control OFF (to avoid accidental activation of Float) when driving on the road.

*Quick Float or One Touch Float (Channel #2) Factory Setting OFF (Blinks RED)

Pressing the DOWN button once will immediately drop the plow into FLOAT.

> **⚠ WARNING** When Quick Float is turned ON, the plow will immediately drop into FLOAT with one touch of the DOWN button. When using Quick Float, it is recommended that you raise the plow and turn your control OFF (to avoid accidental activation of Float) when driving on the road.

*Automatic Shutdown After 40 Minutes (Channel #3) Factory Setting OFF (Blinks RED)

Changing this setting will the allow the control to remain idle for 40 Minutes (instead of 20) before it automatically shuts down (Blinks RED). To restart the control, turn OFF, then back ON.

*Soft Stop OFF or ON (Channel #4) Factory Setting ON (Blinks GREEN)

(This feature does NOT work on all plows, it depends on the manufacturer's valve setup)

> **⚠ WARNING** Turning OFF the Soft Stop feature could cause damage to your plows hydraulic system and may shorten the life of valves and hoses. Excessive banging may occur with certain manufacturer's plows. Turning OFF the Soft Stop feature is NOT recommended for Meyers/Diamond plows.

*Factory Reset (Changes all U-Set Features back to Factory Settings)

To reset all the U-SET features back to the factory settings, anywhere in PROGRAMMING MODE, PRESS and HOLD the "LEFT" and "RIGHT" buttons at the same time for 4-5 seconds. Wait for the LED's to cycle and the BLUE LED to flash, then RELEASE. Turn the control power OFF, then back ON to test your changes.
NOTE: If running Factory Reset where no changes are made, after 4-5 seconds the BLUE LED will flash. Turn the control OFF, then back ON.