

**Table of Contents**

**Handheld Controller for Wing Blade (53495-MPX).....2**  
**Handheld Controller for V Blade (53326-MPX).....4**  
**Handheld Controller for Straight Blade (53282-MPX).....6**  
**Joystick for Straight Blade (53647-MPX).....8**  
**Joystick for V Blade (53648-MPX).....10**  
**Joystick Mounting Bracket (52402-M).....12**

## HANDHELD CONTROL for WING BLADE

1. 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.**

2. Press the DOWN button for 1.3 seconds to engage the FLOAT mode. The FLOAT indicator light, located in the center of the keypad (logo), will change from green to red. To cancel the FLOAT mode, momentarily press the UP button.

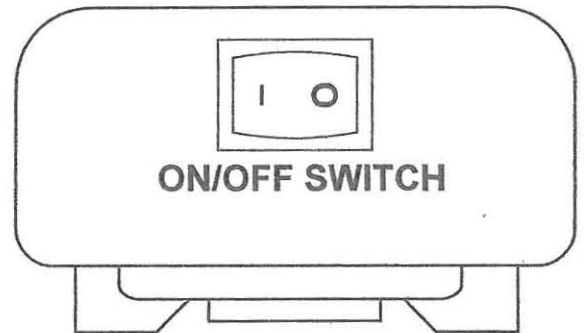
FLOAT mode will automatically cancel after 20 minutes, and the FLOAT indicator light will turn back to green. To restart FLOAT mode, repeat step 2.

### Blade Operation Time Outs

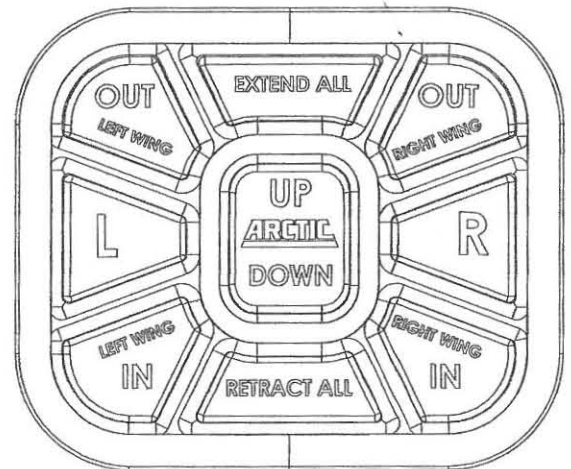
All control functions automatically time out (shut off) after a period of time. This helps reduce wear on the pump motor and prevent unnecessary battery drain. All functions will time out after 6 to 8 seconds.

### 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 (logo) will blink from red to green. To restart the control, turn the control OFF (ON/OFF switch) and then back ON.



(LOCATED ON TOP OF HANDHELD CONTROL)



KEYPAD



### WARNING

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

## Wing Blade MPX Controller (53495-MPX)



## HANDHELD CONTROL for VEE BLADE

1. 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.

2. Press the DOWN button for 1.3 seconds to engage the FLOAT mode. The FLOAT indicator light, located in the center of the keypad (logo), will change from green to red. To cancel the FLOAT mode, momentarily press the UP button.

FLOAT mode will automatically cancel after 20 minutes, and the FLOAT indicator light will turn back to green. To restart FLOAT mode, repeat step 2.

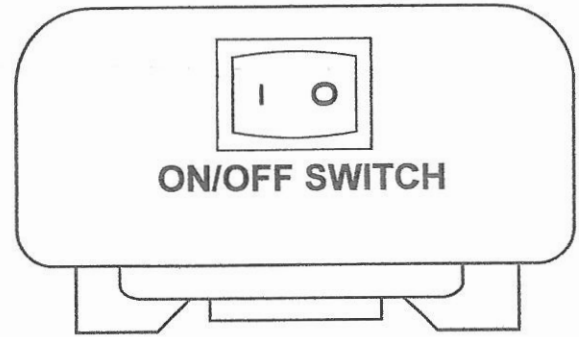
3. To achieve the faster straight blade function, it is necessary to tap the "R" key twice, and the keypad light will change from green to blue. To "ESCAPE" back to the Vee plow functions, tap the "R-WING OUT" key and the light will change back to green.

### Blade Operation Time Outs

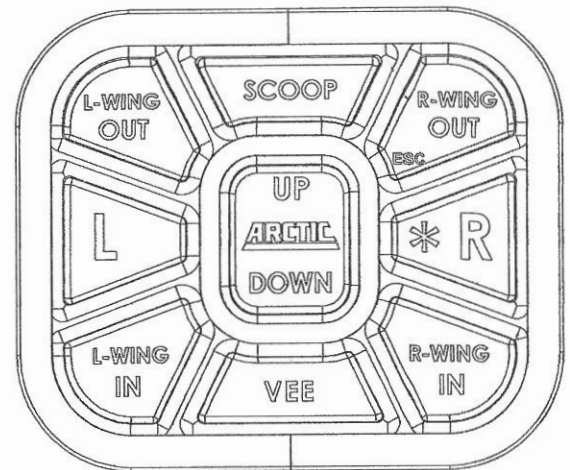
All control functions automatically time out (shut off) after a period of time. This helps reduce wear on the pump motor and prevent unnecessary battery drain. All functions will time out after 6 to 8 seconds.

### 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 (logo) will blink from red to green. To restart the control, turn the control OFF (ON/OFF switch) and then back ON.



(LOCATED ON TOP OF HANDHELD CONTROL)



KEYPAD



### WARNING

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

## V Blade MPX Controller (53326-MPX)



## HANDHELD CONTROL for STRAIGHT BLADE

1. 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.**

2. Press the DOWN button for 1.3 seconds to engage the FLOAT mode. The FLOAT indicator light, located in the center of the keypad (logo), 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 2.

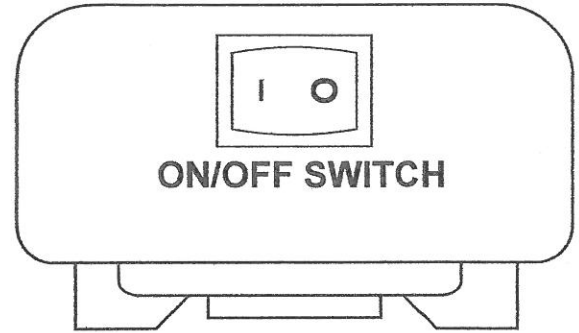
### Blade Operation Time Outs

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.

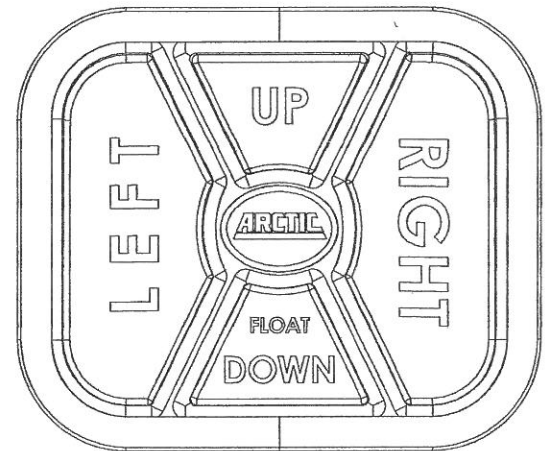
All functions will time out after 8.0 seconds.

### 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 (logo) will blink from red to green. To restart the control, turn the control OFF (ON/OFF switch) and then back ON.



(LOCATED ON TOP OF HANDHELD CONTROL)



KEYPAD



### WARNING

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

## Straight Blade MPX Controller (53282-MPX)





## JOYSTICK CONTROL for STRAIGHT BLADE

1. Turn the ON/OFF switch on the control to the ON position. The indicator LED will glow green, indicating the control is ON.

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

2. HOLD the handle to the DOWN position for 1.3 seconds to engage the FLOAT mode. The indicator LED will change from green to red. To cancel the FLOAT mode, momentarily press the handle to UP. FLOAT mode will automatically cancel after 20 minutes, and the indicator LED will turn back to green. To restart FLOAT mode, repeat step 2.

### 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.

All functions will time out after 8.0 seconds.

### Automatic Shutdown

After being idle for approx. 22 minutes, the control will automatically turn off and the indicator LED will blink from red to green.

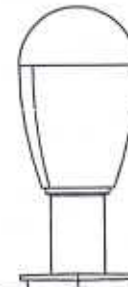
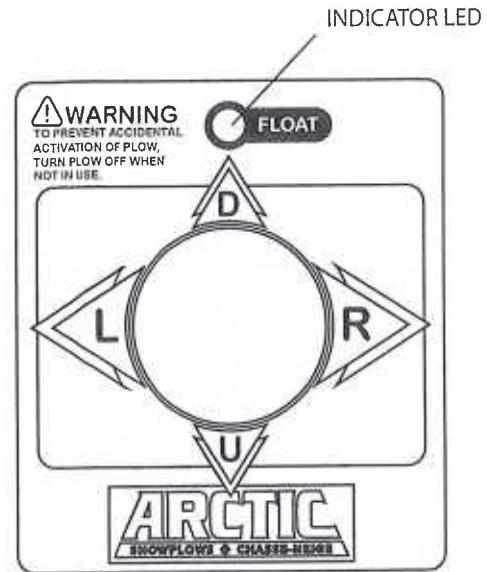
To restart the control, turn the control OFF (ON/OFF switch) and then back ON.

### Double Tap (UP & FLOAT)

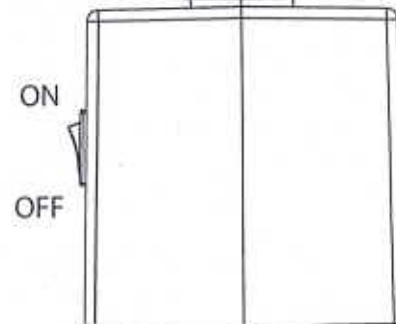
A quick Double Tap of the handle UP will automatically raise the plow for 6.0 seconds.

A quick Double Tap of the handle DOWN will automatically engage FLOAT (WARNING: Plow will immediately drop to the ground when Double Tapping the DOWN).

**NOTE:** The Double Tap feature does not replace the normal operation (Press & Hold) of the handle (UP & DOWN), it is an added feature designed to enhance the performance of the control.



R = RIGHT  
L = LEFT  
U = UP  
D = DOWN  
(FLOAT)



ON/OFF POWER SWITCH (Located on side of joystick case)





## Straight Blade MPX Joystick (53647-MPX)



## JOYSTICK CONTROL for VEE BLADE

1. Turn the ON/OFF switch on the control to the ON position. The indicator LED will glow green, indicating the control is ON.  
**NOTE: The ON/OFF switch can be used as an emergency stop when required.**
2. HOLD the handle to the DOWN position for 1.3 seconds to engage the FLOAT mode. The indicator LED will change from green to red. To cancel the FLOAT mode, momentarily press the handle to UP. FLOAT mode will automatically cancel after 20 minutes, and the indicator LED will turn back to green. To restart FLOAT mode, repeat step 2.
3. To achieve the faster straight blade function, it is necessary to double tap the handle to the "R" position. The indicator light will change from green to blue. To "ESCAPE" back to the Vee plow functions, tap the handle to the "R-WING OUT" position (one time) and the light will change back to green.

### 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. All functions will time out after 8.0 seconds.

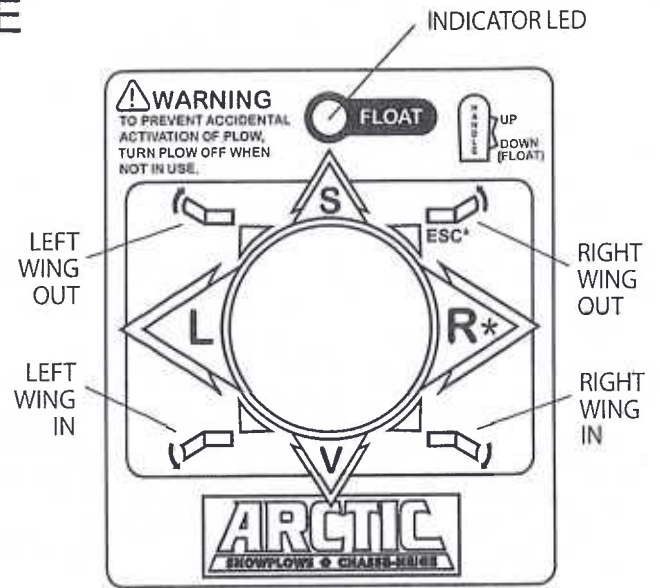
### Automatic Shutdown

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

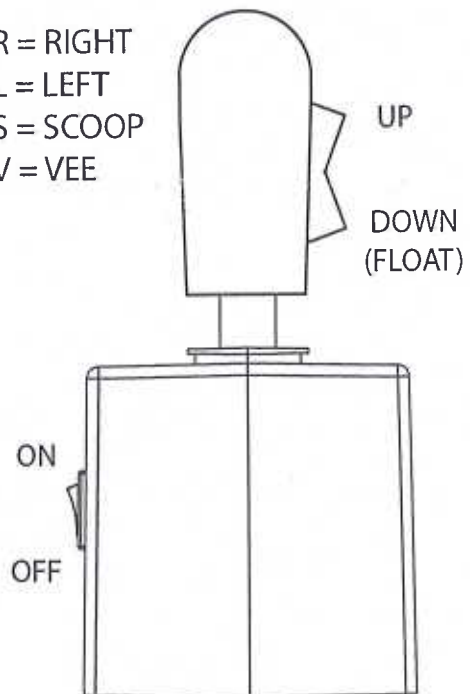
### Double Tap (UP & FLOAT)

A quick Double Tap of the UP button will automatically raise the plow for 6.0 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).

NOTE: The Double Tap feature does not replace the normal operation (Press & Hold) of the buttons (UP & DOWN), it is an added feature designed to enhance the performance of the control.



R = RIGHT  
L = LEFT  
S = SCOOP  
V = VEE

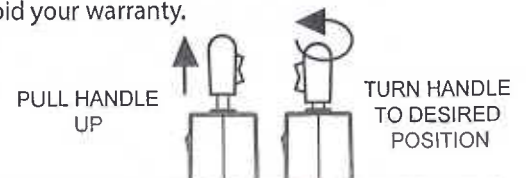


ON/OFF POWER SWITCH (Located on side of joystick case)

## WARNING

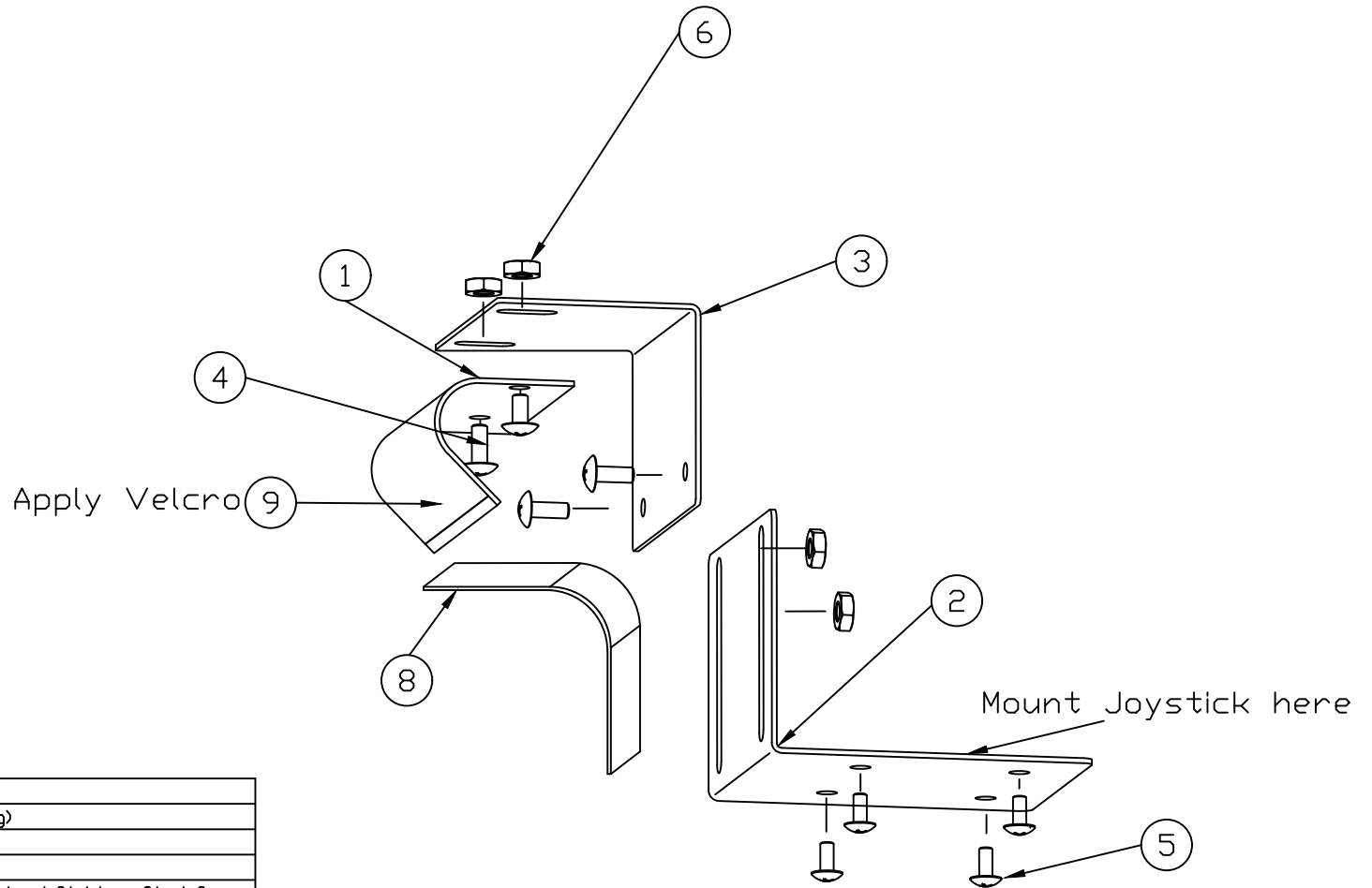
TO PREVENT ACCIDENTAL ACTIVATION OF PLOW, TURN PLOW OFF WHEN NOT IN USE

PULLING UP on the handle will allow you to ROTATE the handle to a left-handed (or right-handed) position. WARNING: Excessive rotating of the handle can damage the controller & may void your warranty.



## V Blade MPX Joystick (53648-MPX)





9	52584-02-N	1	3 1/2' Velcro
8	52402-03-N	2	Foam Pad (6' long)
7	53288-N	2	Fender Washer
6	53292-N	4	#10-32 Keps Nut
5	52402-01-N	4	#8-32x3/8 Truss head Stainless Steel Screw
4	53291-01-N	4	#10-32x1/2 Truss head Stainless Steel Screw
3	53645-M	1	Middle Window Bracket
2	53644-M	1	Bottom Window Bracket
1	53643-M	1	Top Window Bracket
SEQ	PART #	QTY.	DESCRIPTION