TWIN module

Fan speed

ON/OFF

Air angle

Fan speed and air angle: Preset 1 Preset 2
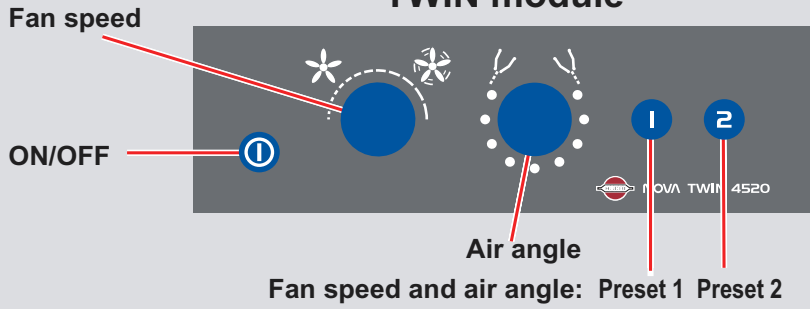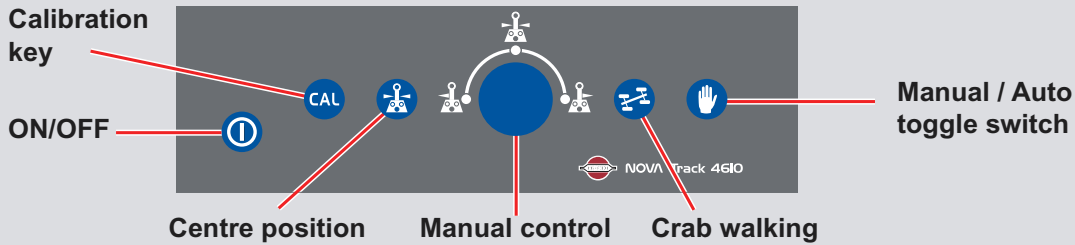
Store setting on a preset button:
Adjust fan speed and air angle with potentiometers, press **1** or **2** three seconds.

Recall preset:
Press **1** or **2** on TWIN module or one of the preset buttons on the back of NOVA Grip.

NOVA TWIN 4520

Track module

Calibration key

ON/OFF

Centre position   Manual control   Crab walking

Manual / Auto toggle switch

NOVA Track 4610

Calibration

Centre position: Turn to straighten drawbar and sprayer. Press CAL and at the same time, thereafter press CAL within 3 seconds.

Final stops: Turn until left stop is reached, press CAL and at the same time, thereafter press CAL within 3 seconds.
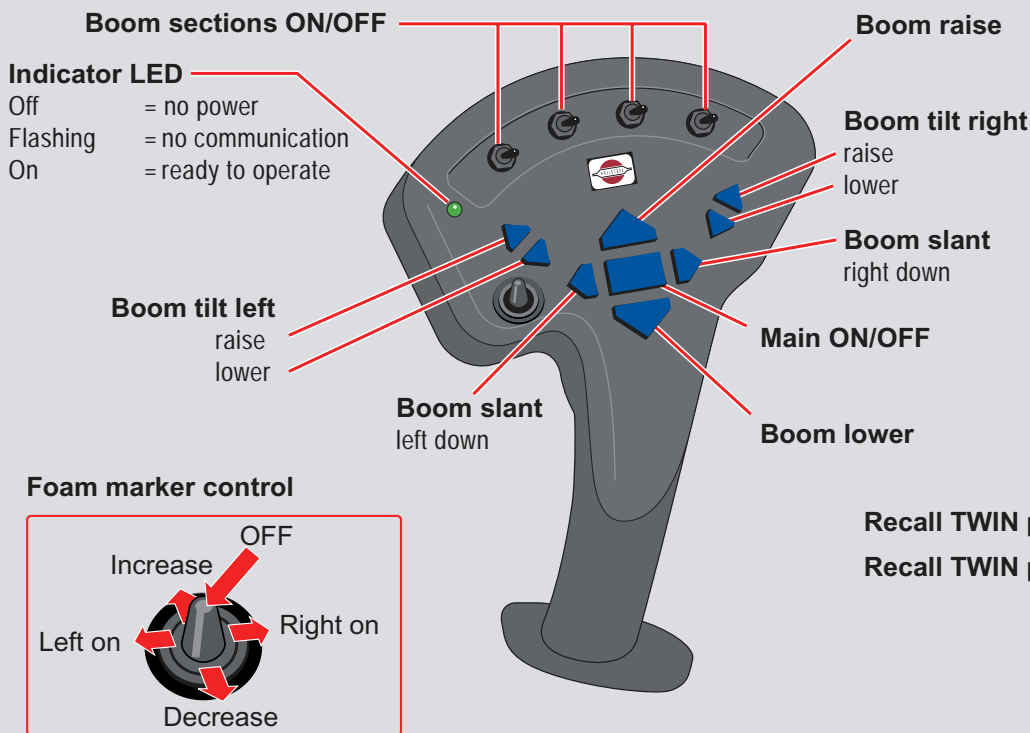
Turn until right stop is reached, press CAL and at the same time, thereafter press CAL within 3 seconds.

Sensitivity: Press and CAL at the same time, thereafter press CAL untill the drawbar has made a little move to left and right.

HARDI NOVA Quick guide

NOVA Grip

Boom sections ON/OFF

Boom raise

Indicator LED
Off = no power
Flashing = no communication
On = ready to operate

Boom tilt right
raise
lower

Boom tilt left
raise
lower

Boom slant
right down

Main ON/OFF

Boom slant
left down

Boom lower

Recall TWIN preset 1
Recall TWIN preset 2

Foam marker control

OFF
Increase
Left on   Right on
Decrease

Menu basics

The menu is divided in 2 sections. The Result menu (left 3 rows), which is used while spraying, and the Set-up menu (right 2 rows).

When the system is turned on, the Result part is active.

To enter the Set-up menu press ⏎ .
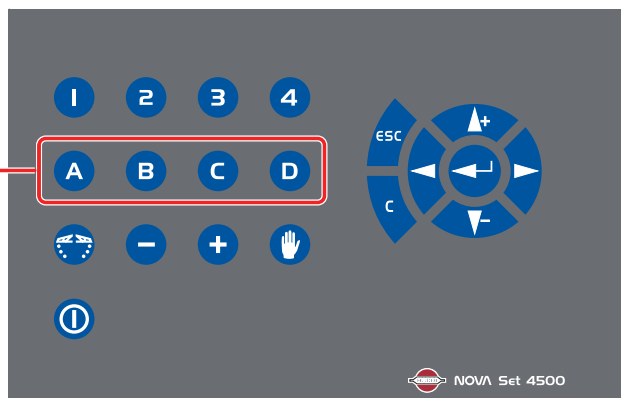
To go back to Result menu, press ESC .

Navigating: Use ✛ to move from one menu to another.

The bottom screen line will show the menu value. The most common menus can be stored in the preset **1 2 3 4** :
Find the menu with the navigation keys and press and hold the selected button for 3 seconds. Recall menu: Push the selected button.
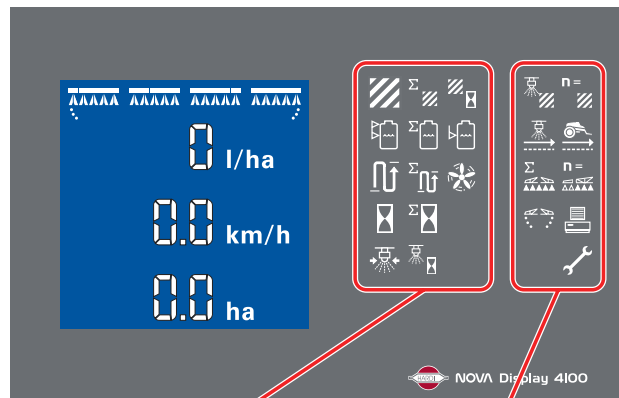
User defined functions

NOVA Set 4500

Basic operation:

Set application rate:

Press ⏎ , select icon is blinking. Press ⏎ .
Adjust value with **▲+** and **▼-** keys. Press ⏎ ESC .

Adjust application rate in 10% steps while spraying:

Press **+** to increase or **−** to decrease.

Manual spraying:

Press ✋ . Adjust pressure with **+** and **−** keys.

Press ✋ again for automatic.

Current register:

Shown in:

To clear select and press ESC c simultaneously twice.

Hydraulic module

Open pendulum
LED = "ON" when locked.

ON/OFF

Boom fold: 1 out / 2 in — outer left; 3 out / 4 in — inner sections; 5 out / 6 in — outer right

NOVA Hydraulic 4600
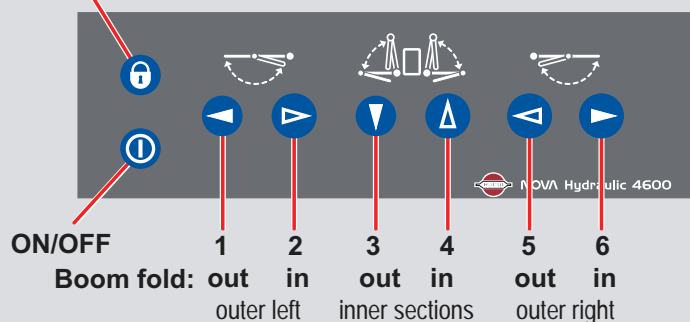
Single-side inner fold e.g. HARDI ALPHA
Left side: Fold out, push buttons 3 and 1.   Fold in, push buttons 3 and 2.
Right side: Fold out, push buttons 4 and 6.   Fold in, push buttons 4 and 5.

NOVA Display 4100

Result menu	
▨	Sprayed area (re-setable)
Σ ▨	Sprayed area sum
▨	Area worked per hour
⧗	Spraying hours (re-setable)
Σ ⧗	Spraying hours sum
⊓	Distance travelled (re-setable)
Σ ⊓	Distance travelled sum
⊠	Flow rate
⊡	Spray pressure
✵	TWIN fan revs.
▧	Sprayed volume (re-setable)
▧	Spray volume in tank
Σ ▧	Sprayed volume sum

Set-up menu	
▨	Set application rate
Σ ▨	Set total boom width
n =	Set nozzles per section
n =	Select active register
⊡	Select flow calibration
⊙	Select speed calibration
⋯	Set foam marker functions
▤	Set print / data / GPS functions
🔧	Set service

Alarm codes

Alarm 1: Cannot reach application rate
Alarm 2: Max. pressure limit exceeded
Alarm 3: Min. pressure rate exceeded
Alarm 4: Min. tank contents exceeded
Alarm 8: Wrong final stops. Calibrate NOVA Track
Alarm 9: Injection defective
Alarm 25: Incorrect gyroscope assembly
Alarm 26: Potentiometer measurement inverted
Alarm 27: Calibration of NOVA Track necessary
Alarm 28: Check NOVA Track parameter
Alarm 29: NOVA Track drawbar sensor is defect
Alarm 30: NOVA Track gyroscope is defect
Alarm 31: NOVA Track slope sensor is defect