



Instruction Manual

MAN180N REV A 05/02/24

**MODEL: 180NR, 180NL
EASYROLL HOSEREEL REMOTE 50M**



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Safety Instructions



Before attempting to operate or install the hose reel carefully read and take note of the following safety warnings.

Failure to comply with these warnings may result in serious injury or death.

Warning! This hose reel is designed and manufactured solely for the purpose of applying agricultural chemicals to plants. Under no circumstances may it be used for any other purposes.

Warning! Prior to using the hose reel all operators must read and fully understand the contents of this instruction manual and any other instructions for associated equipment or chemicals.

Warning! Never allow an inadequately trained person to install or operate the hose reel.

Warning! Do not spray or pump flammable liquids.

Warning! Refer to the chemical manufacturer's label for correct use and safe handling instructions of chemicals before filling or using the hose reel. Always wear the recommended safety clothing and equipment recommended on the chemical manufacturer's label when handling chemicals and operating the hose reel. Ensure that all operators and associated personnel are familiar with the legal regulations and codes of practice that apply to the safe use, storage, and disposal of spray chemicals.

Warning! Exercise care to ensure proper stability when carrying or operating in hilly and uneven terrain, particularly if the ground is wet or loose. Wear non-slip shoes.

Warning! Before carrying out maintenance work, wash the hose reel and flush the hose thoroughly to remove all toxic chemicals that may contaminate the hose reel. Wear appropriate safety clothing and equipment when carrying out maintenance. Do not clear blocked nozzles by blowing out with your mouth.

Warning! Never point the spray gun at any person or any part of the human body.

Warning! Dispose of empty chemical containers and chemical residues in accordance with the instructions supplied by the chemical manufacturer.

Specifications

GENERAL

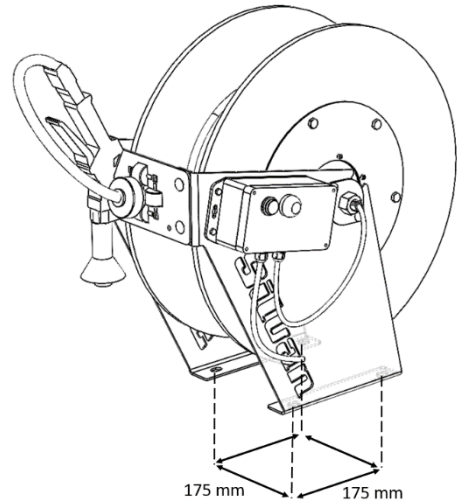
This hose reel has been designed and manufactured solely for the purpose of applying agricultural chemicals to plants.

Model:	180NR, 180NL
Length of Hose:	50m 12mm Nylon Tubing, 250psi Working Pressure, 1000psi Burst Pressure
Spray Gun:	Silvan Atomiser Spray Gun P/NO 410-52
Dimensions:	52.7 x 27.7 x 54.7 cm
Weight:	20kg

Installation

MOUNTING THE EASYROLL HOSEREEL

1. Select a flat surface that is capable of holding the weight of the hose reel.
2. Position the hose reel on the surface, mark the hole locations (175mm x 175mm) (figure below).
3. Using drill to create holes at the marked locations.
4. Tighten the hose reel with M10 bolts and washers.



ELECTRICAL CONNECTION

1. Connect the power leads to a suitable 12VDC power source, connect red lead to positive (+ve) and black lead to negative (-ve).
(If the leads are not connected to the right polarity, it won't work.)
2. Press the "Power ON/OFF" button, the red LED will illuminate if the power is connected correctly.



Operation

GENERAL

1. Press the "Power ON/OFF" button on the control box.
2. Pull the hose to the desired length for spraying.
3. Hold the first button "①" on the key fob remote to retract the hose.
(If the remote is not working, press the rewind button on the control box to retract the hose.)
4. When finished spraying, press the "Power ON/OFF" to power off the unit.

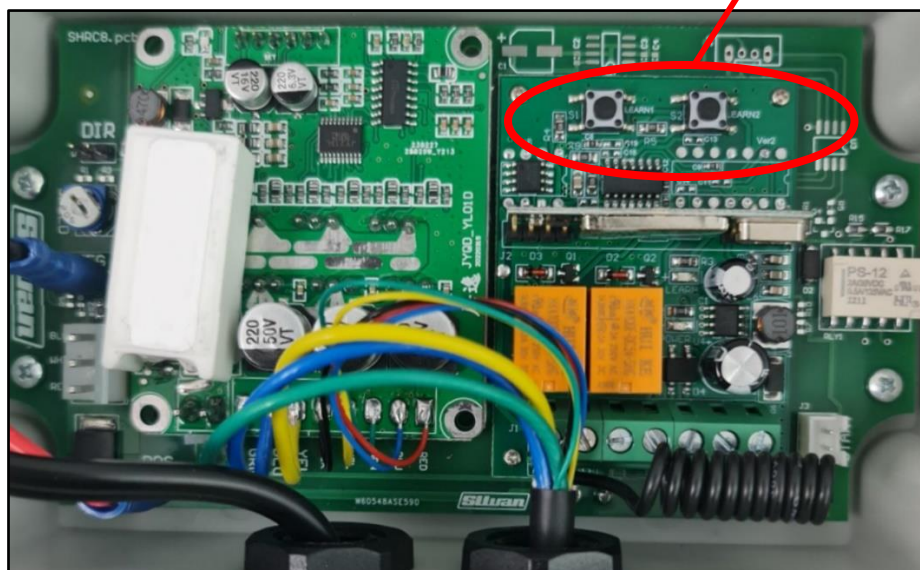
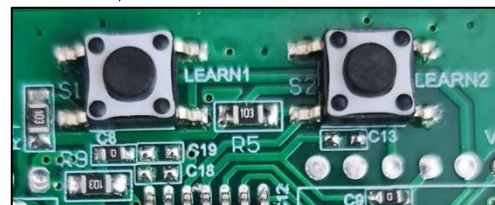


REMOTE PAIRING

1. Open up the control box, instructions to pair the remote inside cover.
2. Connect the power leads to 12VDC power source.
3. Press the "Power ON/OFF" button on the control box to power up the unit.
4. Press "LEARN 1" on the PCB board for 1 second, **GREEN Learn indicator** will illuminate.
5. Hold one button on the new Key fob remote, **Learn indicator** will flash 5 times fast.
6. Pairing successful!
7. Press the button you previously set in step 5 to check if the hose reel responds.
(* If not, please move to steps 4 and 5.)

*If you have two house reel units, you need pair each unit with its own individual remote.

LEARN 1



Operation (cont.)

BATTERY REPLACING ON THE REMOTE


1. Loosen two screws located on the back of the remote.
2. Open the remote cover.
3. Remove the old battery.
4. Insert a new **A27 12V battery** into the battery slot.
(Ensuring it is placed in the correct orientation)
5. Put back the cover and apply gentle pressure to snap it securely into place.
6. Put back the screws and tighten them onto the remote
7. Press any button on the key fob remote to ensure the LED on the remote is illuminated.



Troubleshooting

Trouble Shooting Guide	
<u>Problem</u>	<u>Solution</u>
Hose reel does not operate	<p>Connect the power leads to 12VDC power source and press the "Power ON/OFF" button. If the red LED is illuminated, please move to "Key fob remote does not operate". If red LED does not illuminate -</p> <ol style="list-style-type: none"> 1. Ensure the power source has more than 12V. 2. Ensure the power leads are connected to the power source properly. 3. Open the control box and check if there are any loose wires.

Troubleshooting (cont.)

Trouble Shooting Guide	
<u>Problem</u>	<u>Solution</u>
Key fob remote does not operate	<p>Before checking the remote, ensure the arrow on male end of the brushless motor and the arrow on the female end of the control box are aligned.</p>  <p>Press any button on the remote, if the LED on the remote is not flashing – Battery runs flat, please check “Battery replacing on the remote” on page 5.</p> <p>If the LED is flashing</p> <ol style="list-style-type: none"> 1. Press each button on the remote to see if the hose reel responds. 2. Please check “Remote repairing” on page 4.