



# QUIK SPRAY

## INSTRUCTION MANUAL

### MODEL FR-02 MODEL FR-03



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## INNOVATIVE HOSE REEL TECHNOLOGY



## **Congratulations**

We would like to thank you for investing in this remote control retractable hose reel. Our speciality hose reels are manufactured to the highest standard of quality to give our customer the best product possible which will be backed up by our best service possible.

**This instruction manual should be considered a permanent part of your unit and should remain with it at all times**

**THIS MANUAL COVERS THE OPERATION  
AND MAINTENANCE OF THE MODELS  
FR-02 & FR-03**

## **IMPORTANT**

**READ THIS INSTRUCTION MANUAL  
CAREFULLY BEFORE ATTEMPTING TO  
OPERATE THE UNIT**

No part of this manual may be reproduced without written permission.

All information in this manual is based on the latest product information available at the time of printing.

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When you write or call us about any problem,  
please give us this information.

- Model and serial number.
- Who the unit was purchased from.
- Date of purchase
- Your name, address and telephone number.
- A detailed description of the problem.

## **UNPACKING**

When unpacking your new unit check thoroughly for any transport damage, and that all parts, accessories and extras are included.

1. Aerial.
2. Transmitter.
3. Instruction manual.
4. Accessories as ordered.

## **WARNING**

***READ THIS MANUAL CAREFULLY BEFORE USING UNIT***

## **SET UP**

- Mount machine securely by bolting through both mounting holes located on the frame of the unit. Ensure minimum of 50mm clearance from sides to prevent damage.
- Ensure the hose roller assembly is in line with the hose entrance of the reel drum on the left hand side of the reel and is ready to travel in a right hand direction.
- Connect pressure hose from existing pump unit to Reel swivel.(Test for leaks) Swivel may be fitted to either side of reel.
- Fit aerial to mounting base,(3) and tighten. *CAUTION. Do not over-tighten, as a break in the coaxial cable may result.*
- Connect 2 leads from connecting block (4) to 12 or 24V battery. (Red +ve Black ). Leads should be at least 8mm cable or larger.
- For best results use a fully charged heavy duty battery, 95AH or larger.

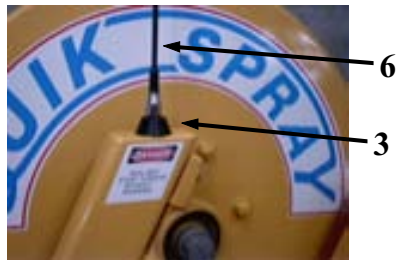
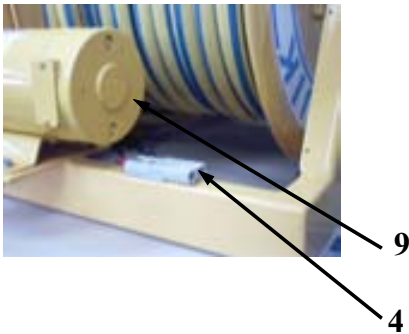
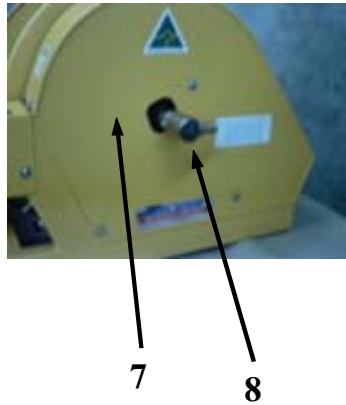
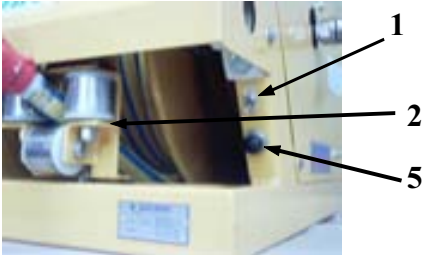
## **NOTE**

The negative ( ve) black lead is connected to the frame of the Quik Spray unit thus making this frame a negative "earth" unit.

**DO NOT ATTACH TO ANY POSITIVE EARTH MACHINERY**

## **WARNING**

A fuse (100amp.) must be connected in the main power lead at battery end, to prevent fire in the case of accidental short circuit.



- 1 - On/off' switch
- 2 - Hose Roller assembly
- 3 - Aerial base
- 4 - Connecting block
- 5 - Manual button
- 6 - Aerial
- 7 - Chain guard
- 8 - Reel inlet
- 9 - 12 or 24V DC Motor

## BASIC OPERATION.

- Ensure all set-up instructions are complete.
- When ready to operate turn radio switch (1) on, and carry transmitter with operator.
- The Reel will free-wheel out to desired distance  
**CAUTION:** Do not pull hose out too fast, as reel may “run on”, causing hose to become tangled.
- When ready, press and hold button in on transmitter to retract hose back to unit. Ensure hose is always in front of the operator.  
**CAUTION:** Be ready to release button when approaching reel, as injury may result. This unit has been designed to operate in a continuous start/stop mode without damage to the unit. **Keep tension on hose when rewinding.**
- For manual operation of reel, press button (5), to re-wind.

## HINTS

- Turn radio switch off and disconnect from battery when not in use.
- If hose becomes caught, release button immediately or damage to motor could result.
- Keep machine under cover when not in use.
- A low power or voltage battery will cause weak or intermittent operation of the units motor

## TUNING TRANSMITTER TO RECEIVER

- 1 - Connect power to the unit.
- 2 - Connect battery to transmitter but leave out of plastic case.
- 3 - Plug the red “tuning lead” into socket inside transmitter.
- 4 - Plug other end into socket on receiver board inside radio “box”.
- 5 - The red light should illuminate on the transmitter.
- 6 - Hold down transmitter button until red light stops flashing (3 seconds) then release button.
- 7 - The transmitter is now tuned to the receiver.
- 8 - Disconnect the red wire. Test, but make sure the hose is pulled out 5 metres to allow for retraction.
- 9 - Note: If needed, the receiver code may be reset by “short circuiting” the two pins sticking up next to the 28 pin black “computer chip”.

# MAINTENANCE

DAILY Check battery condition, water level and voltage (12 or 24v)

All safety guards and decals are in place

Inspect all bolts, nuts and hose fittings. (no leaks)

Aerial tight to base, and in good condition. (3)

20Hrs. Remove chain guard(7) and check both chain tensions.

Check “freeness” of swivel and lubricate regularly if required.

200Hrs. Replace 9volt transmitter battery (216-9v)

Grease all bearings. (do not over grease)

Motor brushes must be checked by auto-electrician yearly.

# TROUBLESHOOTING

## **PROBLEM**

Reel does not retract and manual button does not work	(1) Switch (1) not “on” or faulty (2) Discharged 12V battery (3) Loose connection on 12V battery (4) Blown fuse.	(1) Switch on or replace. (2) Re-charge (3) Secure (4) Replace with new fuse.
Reel does not retract and manual button works.	(1) Discharged transmitter battery. (2) Faulty receiver or transmitter. (3) Digital code not synchronised	(1) Replace (216-9V) (2) Return to factory. (3) Recode transmitter to match receiver using cable.
Reel only retracts at a close distance.	(1) Discharged transmitter battery. (2) Aerial broken or loose on base. (3) Coax broken inside aerial base. (4) Discharged 12 or 24v battery. (5) Faulty receiver or transmitter.	(1) Replace (216-9V) (2) Tighten or replace. (3) Repair. (4) Re-charge. (5) Return to factory.

## **NOTE**

The working range of Quik Spray radio transmitters are affected by the many factors that typically affect all 433 MHz radio transmissions.

These include operating in the vicinity of high tension power lines, buildings and other obstructions, other radio transmitters, and under certain atmospheric conditions. Under ideal conditions, using a long range antenna, up to 500 metres (or more) may be achieved.

## WARRANTY POLICY

Quik Spray Pty Ltd warrants to its authorised Dealer, who in turn warrants the original purchaser (Owner) that each new unit, part or accessory will be free from proven defects in material and workmanship for (12) months after delivery to the Owner according to the conditions outlined.

This warranty does not cover damages resulting from abuse, accidents, alterations, normal wear or failure to maintain or use the Quik Spray product with due care.

During the warranty period, Quik Spray Pty Ltd, or its authorised dealer shall repair or replace, at Quik Spray Pty Ltd option, without charge for parts or labour, any part of the Quik Spray product which fails because of defects in material or workmanship. The owner must provide to Quik Spray Pty Ltd or the authorised Dealer with prompt written notice of the defect (within 14 days of occurrence) and allow reasonable time for replacement or repair.

Quik Spray Pty Ltd (at its option) may request failed parts to be returned to the factory. Any travel time of a service technician and/or transportation of the Quik Spray Pty Ltd product to the authorised servicing Dealer for warranty work are the responsibility of the owner.

This warranty is in-lieu of all other warranties (except those of title), expressed or implied, and there are no warranties of merchantability or fitness for a particular purpose. In no event shall the authorised Dealer or Quik Spray Pty Ltd be liable for downtime expenses, loss of chemical, loss of machine use or other incidental, consequential or special damages.

Certain brands of pumps and motors used, may carry *additional warranties and conditions*. Check these warranties supplied from these manufactures for detailed information



# WARRANTY REGISTRATION FORM

THIS FORM MUST BE COMPLETED AND RETURNED TO  
QUIK SPRAY PTY LTD, 37 PRODUCTION AVE. WARANA QLD  
4575 WITHIN 14 DAYS OF TAKING DELIVERY.

ONLY WHEN THIS REGISTRATION FORM IS COMPLETED AND  
RETURNED, CAN QUIK SPRAY PTY LTD FULFIL ALL WARRANTY  
OBLIGATIONS.

## PRODUCT INFORMATION:

QUIK SPRAY MODEL/TYPE:.....

SERIAL NUMBER:.....

DEALER NAME (if applicable).....

PURCHASE DATE:.....

## PURCHASER DETAILS:

COMPANY NAME:.....

TITLE (Mr/Mrs/Ms).....

SURNAME:.....

GIVEN NAME: .....

POSTAL ADDRESS:.....

TOWN (OR CLOSEST):.....

COUNTRY: .....

TELEPHONE:.....FAX:.....

AFFIX  
STAMP

**QUIK SPRAY**  
**37 Production Ave.**  
**WARANA QLD 4575**  
**AUSTRALIA**

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## Conditions of warranty

- The warranty is only available to the first purchaser and is non-transferable
- The Warranty Registration Form (see over) must be returned to Quik Spray Pty Ltd 37 Production Ave Qld. 4575 Australia , with in 14 days of taking delivery of the unit. Only when the warranty registration form is completed and returned, can Quik Spray Pty Ltd fulfil all warranty obligations.
- Components and conditions **not covered** by warranty are:

**Abuse** Failure resulting from neglect, such as improper operation, lack of required maintenance or continued use of the unit after the discovery of a defect which results in greater damage to the unit.

**Environmental** Deteriorated or failed components such as: diaphragms, O-rings, seals, electrical wiring and connections caused by corrosive chemicals, dirt or sand, excessive heat or moisture. Owners should ensure the type and strength of chemicals used in the unit are compatible with the unit.

**Normal wear** Normal wear and consumable items such as: oils and lubricants, diaphragms, filter elements, clutches, drive belts pivot pins, paint, batteries, and nozzles are considered to be normal wear items and are not warranted.

**Maintenance** Component failure caused by not performing scheduled maintenance service such as: oils, grease, failure to clean tanks, spray lines, nozzles, or any components. Not tightening or replacing loose or missing bolts, nuts, fittings, shields and covers.

**Damage** Damage or machine failure caused by careless or accidental damage, improper operation, inappropriate transportation or storage of the unit.

**Power Source** Failures due to faulty or inadequate electrical sources of power. Owners who use their own 12 volt source must ensure it is suitable for operating the equipment.

**Alterations** Any unauthorised alteration, modification, attachments or unauthorised repairs to the Quik Spray unit. Written approval must be obtained from Quik Spray Pty Ltd for any such items to maintain warranty.

**Removal & Installation** The time taken to remove and re-install a warranted part or component into other brand equipment will not be covered by Quik Spray Pty Ltd warranty. Only parts and labour directly attributable to the repair of the Quik Reel unit is covered.

**Clean up time** Quik Spray Pty Ltd does not pay for cleaning the unit, parts or accessories, or work area before or after the warranty repair. Clean up time is affected by the application or condition in which the unit is operated and maintained. Since clean-up time can be so variable, cleaning time should be considered an Owners expense

**Transportation** Warranty does not cover transportation or insurance costs for units or other equipment requiring repair or replacement of warranted components. Nor does it cover any freight or insurance costs in obtaining new parts or returning old parts to Quik Spray for inspection purposes.

**Travel Time** Travel time required for warranty repairs is the responsibility of the Owner.

**Diagnostic Time** Warranty does cover time required to diagnose a warranty problem. Diagnostic time is affected greatly by the training and expertise of the technician employed to do the job. Since Quik Spray Pty Ltd is not in control of this factor, we do not cover the diagnostic time.

**Non- Genuine Parts** Use of parts other than Quik Spray Pty Ltd parts for repair of warranted parts will automatically negate any warranty. Warranted components must be replaced with genuine Quik Spray Pty Ltd repair parts.

**Unauthorised Repairs** Warranty repairs must only be carried out by an authorised Quik Spray Pty Ltd technician or Dealer.

# QUIK SPRAY<sup>®</sup>

Remote Control Retractable Hose Reel Systems



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