



Hunter Industries Incorporated
www.hunterindustries.com

Made in China for Hunter Industries
23-947



FCC ID: M3UDUALDEC
IC: 2772A-DUALDEC

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference and (2) This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause

harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna. • Increase the separation between the equipment and receiver. • Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. • Consult the dealer or an experienced radio/TV technician for help.

The user is cautioned that changes and modifications made to the equipment without the approval of manufacturer could void the user's authority to operate this equipment.

NOTE: DUAL Decoders must be programmed before installation (unless you are using the Hunter ICD Hand Held Programmer). Please reference the DUAL48M Decoder Module Owners Manual for further information on decoder programming and installation.

Installing DUAL Decoders

1. Controller power must be OFF when installing decoders in the two-wire path.
2. Select the decoder location. Decoders should be within 100 feet/33 m of the solenoid(s) they will operate. Decoders are waterproof, but should be installed in a valve box (Fig. 1) to facilitate future servicing.
3. Locate the two-wire path from the controller (typically red and blue wires). The wire path must be cut to insert decoder wiring, unless you are replacing an existing decoder.

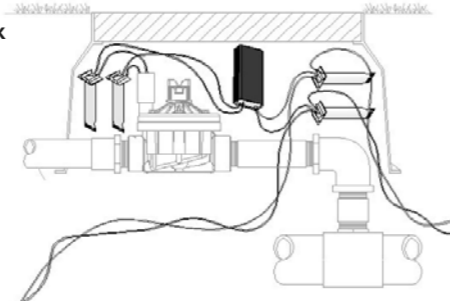
Be sure to leave enough slack in the wire path to allow easy connection and servicing of the decoder. (Fig. 2)

4. The red and blue decoder wires connect to the red and blue wire path from the controller.
5. Twist the stripped red wire ends (the ends from two-wire path and the decoder) together, and thread securely into the wire nut supplied. Seal the connection by inserting the wire nut supplied with your decoder into the connector's waterproof grease, and snap the cap over the wires. (Fig. 3)
6. Repeat the procedure with the blue wires.
7. Each pair color-coded decoder output wires operates one or two solenoids up to 100 feet/33 m away.
8. Connect the two black wires from the decoder to the solenoid leads for the first station output. If you are installing a DUAL two-station decoder, connect the two yellow wires to the solenoid leads for the second station output. Use waterproof connectors to make solenoid wire connections.

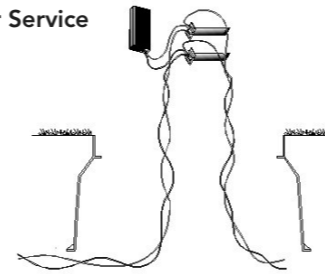
Note: Each DUAL decoder output may operate two solenoids simultaneously. The solenoids must be connected in parallel, rather than in series. Each decoder output wire should make a three-way connection, with one wire from each of the two solenoids.

Hunter
DUAL 1
One Station Decoder
(for use with I-Core
two-wire systems)
Quantity: 1
Date Code:

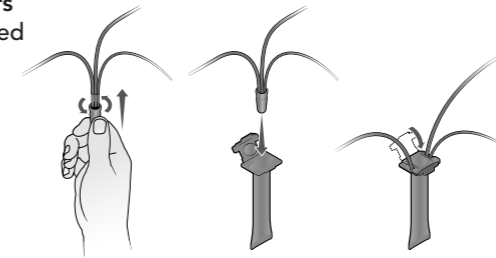
Decoder in Valve Box
Fig. 1



Wire Slack for Service
Fig. 2

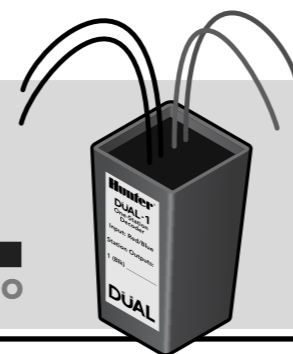


Waterproof Connectors
(Two connectors included
for two-wire path)
Fig. 3



Hunter
DUAL 1
One Station Decoder
(for use with I-Core
two-wire systems)
Quantity: 1
Date Code:

DUAL
CONNECT AND GO



DUAL 1 One station decoder
For use with I-Core two-wire systems
(Includes two DBRY-6 waterproof wire connectors for two-wire path connections)

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I-CORE
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