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# Hunter®

## Hunter EZ-DT Decoder System Wireless Diagnostic Tool



## INTRODUCTION

- The EZ-DT Diagnostic Tool is a handheld, battery-operated device used for field diagnostics and troubleshooting with Hunter EZ Decoder Systems.
- Innovative wireless communication from the EZ-DT to EZ Decoders permits fault detection in the field without removing the decoders from the two-wire path.
- Use the EZ-DT to quickly and easily retrieve a decoder's status, station address, current draw, and voltage on the two-wire path.
- The EZ-DT can also be used to program station addresses into EZ Decoders via the red and blue wired connection to the decoder.
- This capability provides flexible options for programming decoders before installation or reprogramming existing decoders in the field.

## EZ-DT COMPONENTS

### INSTALLING THE BATTERIES

- The EZ-DT operates with 4 AAA batteries (included).

#### **To install batteries:**

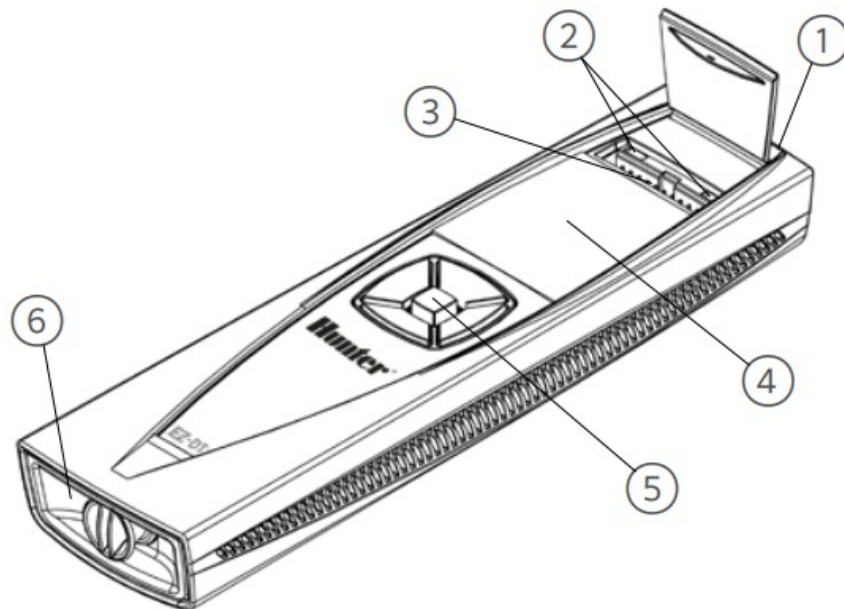
- Remove the battery compartment from the bottom of the device. Insert 4 AAA

batteries as shown, observing polarity.

- Reinsert the battery compartment and lock it into place (counterclockwise to unlock; clockwise to lock).



- **CAUTION:** Risk of explosion if battery is replaced with an incorrect type.
- Dispose of used batteries at an authorised recycling facility.



1. Wireless diagnostic port
2. Decoder programming ports
3. Ribbon cable connector
4. Display
5. Selection buttons
6. Battery compartment

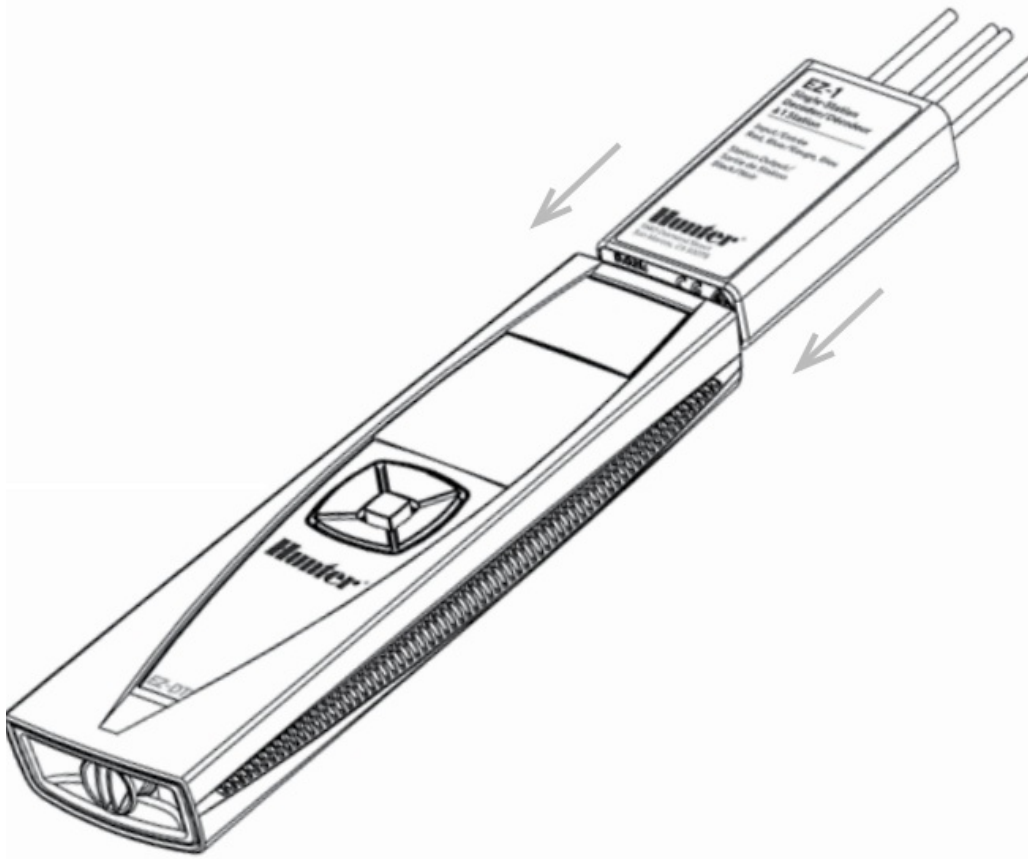
## DECODER DIAGNOSTICS AND TROUBLESHOOTING

All diagnostic functions are completed via wireless communication between the EZ-DT and EZ Decoders.

### To read decoder information:

1. Manually activate the desired station to energise the two-wire path.
2. On the Home screen, select Read. Then, position the EZ-DT and EZ Decoder as shown in the display and press Enter.
3. Two beeps will confirm a successful read, and decoder information will be displayed.
4. If the reading fails, a red X will appear. If the decoder's LED is not blinking green,

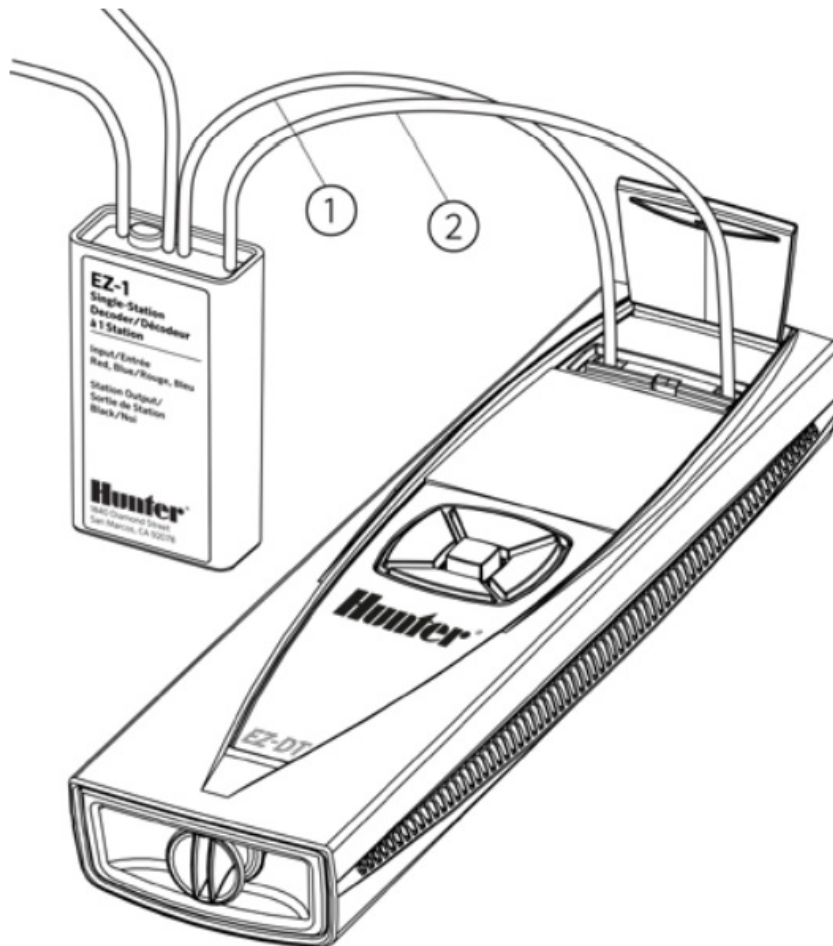
ensure the station is active, check the two-wire path and wire connections, and repeat steps 1 and 2.



## PROGRAMMING AN EZ DECODER

To program an individual EZ Decoder, you must connect the red and blue wires from the decoder to the EZ-DT. You can only program one decoder at a time.

1. With the EZ Decoders disconnected from the two-wire path, insert the red and blue wires from the decoder to the EZ-DT programming ports located under the top cover.
2. On the Home screen, select Program. Then choose Station or P/MV and select the desired station number or P/MV output.
3. Successful programming is confirmed with two beeps and a green check mark.



1. Blue wire
2. Red wire

## FIRMWARE UPDATES

- If new firmware versions are released for any of these components, the files can be downloaded from the Hunter website and uploaded to the EZ-DT via microSD card within the battery compartment (microSD card not included).
- To update the firmware of an ICC2 facepack or an EZ-DM Decoder Output Module, use the ribbon cable connector located under the top cover.
- EZ Decoders can be updated via a red and blue wired connection.

### ICC2 Facepack

1. On the Home screen, select Update, then ICC2. Remove the ribbon cable from the ICC2 power module and insert it into the EZ-DT (as shown in the display). Press Enter.
2. Two beeps and a checkmark confirm a successful facepack update.

### EZ-DM Decoder Output Module

1. On the Home screen, select Update, then EZ-DM. Remove the ribbon cable from the ICC2 facepack and insert the EZ-DT (as shown in the display). Press Enter.
2. Two beeps and a green check mark confirm a successful module update.

## EZ Decoder

1. On the Home screen, select Update, then EZ Decoders. Insert the decoder's red and blue wires into the EZ-DT programming port\* and press Enter.
  - Multiple decoders can be updated at the same time with the two-wire path.
2. Two beeps and a green check mark confirm a successful decoder update.
  - [hunter.info/EZDTupdate](http://hunter.info/EZDTupdate).



## ADDITIONAL SETTINGS

The EZ-DT display is available with 12 language options.

1. On the Home screen, select Settings, then Language. Choose the desired language and press Enter.
  - The EZ-DT device can be updated after purchase. If a new EZ-DT firmware version is available, it can be downloaded from the Hunter website and uploaded to the EZ-DT via microSD card within the battery compartment (microSD card not included).
2. On the Home screen, select Settings, then Update. Choose Yes or No.
3. Two beeps and a green check mark confirm a successful EZ-DT update.

## OPERATING SPECIFICATIONS

- **Power input:** 4 AAA batteries
- **Communications:** wireless induction, 1" (25 mm) range from EZ Decoders to EZ-DT
- **Display:** 1.8" (46 mm) full-colour TFT

- **Approvals:** FCC, CE, ISED Canada, ICASA, NOM, and RCM certified; IP55 rated

## DECLARATION OF CONFORMITY TO EUROPEAN DIRECTIVES

- Hereby, Hunter Industries declares that the radio equipment type EZDT complies with Directive 2014/53/EU.
- The full text of the EU declaration of conformity is available at the following internet address:  
<https://assets.hunterindustries.com/portals/poa4faex/ComplianceDeclarationofCon>
- **Frequency Band:** 17 kHz–18kHz
- **Max Output Power:** –73 dBm

## FCC NOTICE

This equipment has been tested and found to comply with the limits for a Class B digital device according 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 under 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, you are encouraged to try to correct the interference by taking one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to 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.

Changes or modifications not expressly approved by Hunter Industries could void the user's authority to operate this device. If necessary, consult a representative of Hunter Industries Inc. or an experienced radio/television technician for additional suggestions.


## ISED CANADA NOTICE

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

## CUSTOMER SERVICE

- **HUNTER INDUSTRIES**
- **Built on Innovation®**
- **1940 Diamond Street, San Marcos, CA 92078 USA** **Learn more.**
- Visit [hunterirrigation.com](http://hunterirrigation.com).
- [hunter.info/EZDT](http://hunter.info/EZDT)

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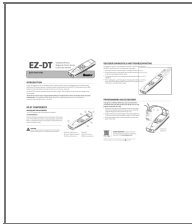


- **Marca:** Hunter Industries, Inc
- **Modelo:** EZ-DT
- **IFETEL ID:** RCPHUFZ21-1014





# Documents / Resources



[Hunter EZ-DT Decoder System Wireless Diagnostic Tool \[pdf\]](#) User Guide  
EZ-DT Decoder System Wireless Diagnostic Tool, EZ-DT, Decoder System Wireless Diagnostic Tool, Wireless Diagnostic Tool, Diagnostic Tool

## References

- [User Manual](#)

📁 Hunter  
🔍 Decoder System Wireless Diagnostic Tool, Diagnostic Tool, EZ-DT, EZ-DT Decoder System Wireless Diagnostic Tool, Hunter, Wireless Diagnostic Tool

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