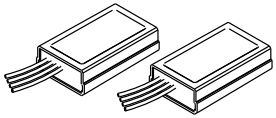
duo Pluvion®

Installation Instructions

Connect Two Irrigation Zones using One Field Wire

Pluvion Duo expands residential irrigation capacity by running two zones over a single field wire: no new cabling required. Built on the proven Pluvion 2-WIRE platform, it uses advanced digital control and solid-state switching to deliver consistent valve power across long distances. Its fully weatherproof, waterproof design ensures dependable operation in any installation environment. **Pluvion Duo is an efficient way to restore zones impacted by damaged or unusable field wires, and a simple method for adding new zones using the wiring already in place.**



SCAN QR FOR INSTALLATION MANUAL v1.01

© 2026 Pluvion Technology Inc.

Model: DTR20 (DTR2-TX / DTR2-RX)

www.pluviontech.com | info@pluviontech.com

Designed and assembled in Canada with domestic and imported parts

Refer to the wiring diagram for timer and valve connections

You can use **any combination of two zones** from the sprinkler timer:

A zone connected to the **red transmitter wire** will activate the solenoid linked to the **red wire at the receiver**.

A zone connected to the **yellow transmitter wire** will activate the solenoid linked to the **yellow wire at the receiver**.

The **black wire** on both the transmitter and receiver must be connected to the **system's common ground** (the **COM** terminal on the timer).

Connect the transmitter's **blue wire** to the receiver using any functional field wire. The wire's color does not matter.

⚠ Install the transmitter near the sprinkler timer.
Install the receiver in the valve box and/or near the valves.

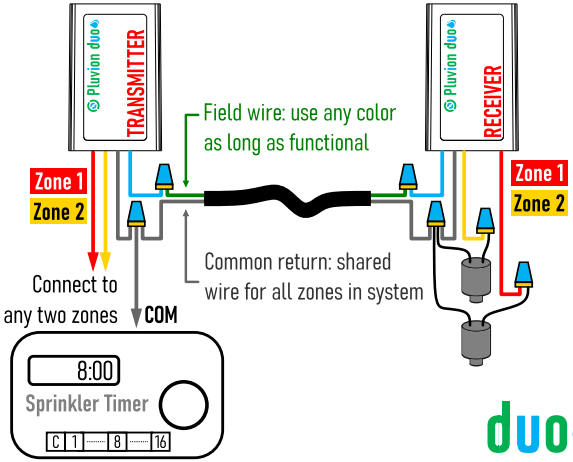
⚠ This is not a wireless product: a **2-conductor wire is required** from the transmitter to the receiver, either reusing 2 functional conductors in the existing sprinkler wire, or 18/2 landscape wiring.

⚠ Use **waterproof wire connectors** for any outdoor installation.
Do not bury the receiver directly in soil.

Pluvion Duo consists of a **transmitter** and **receiver**.
The label on each of the units identifies each of these devices.
Notice that the system will **NOT** work with the transmitter and receiver swapped in the installation.

TRANSMITTER ➤ CONNECT TO IRRIGATION TIMER

RECEIVER ◄ CONNECT TO SOLENOIDS/VALVES



duo

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.

FC

CAN ICES-003(B) / NMB-003(B)