



Irrigreen Quick Start Guide



Step 1: Head Placement

- Measure pressure to determine max throw (55 PSI+ = 30 feet)
- Verify that head throw distance aligns with available pressure, relocate heads as needed so each area can be covered by one head (head-to-head coverage is **not** needed with Irrigreen)



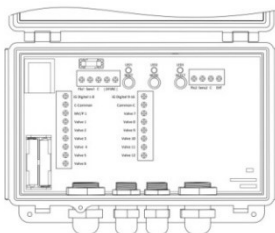
Step 2: Pipe installation, hole for Digital Heads

- Trench 1" pipe to head locations
- Dig hole for head and small valve box ~1' from pipe
- Dig trench from Digital head hole to pipe trench



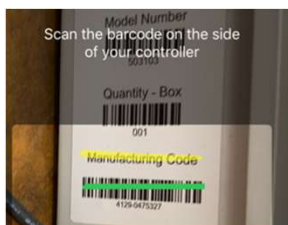
Step 3: Connect Heads to Mainline

- Attach Flexpipe ¾" elbow to sprinkler
- **Do not use Teflon tape in head.** Hand tighten until elbow bottoms out
- Attach 1" FPT tee to the Flexpipe 1" MPT adaptor, do use Teflon tape
- Cut mainline pipe and install the tee, put cable connections and extra wire in valve box
- **Flush pipe AND do not bury heads (yet)**



Step 4: Install and wire Controller

- Mount controller to the wall. Do not plug in
- Connect Wire the Controller/Server Cable: Red wire to "IG 1-8" terminal, White wire to any "C" terminal

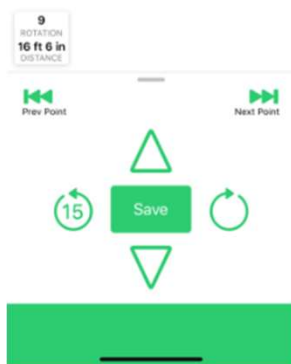
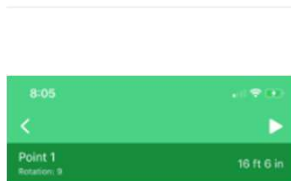
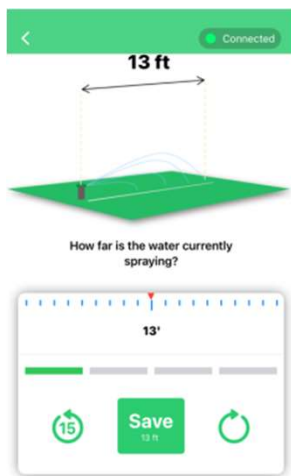
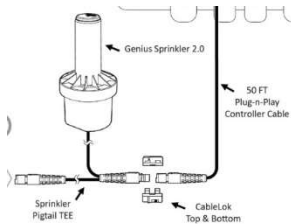


Step 5: Use IOS app to connect to IG2 Controller

- Plug Transformer in, green light will blink on briefly, indicates power
- **Set up with IOS device:** Download IG2 app from app store
- Click "Add Controller", scan the barcode as shown
- IOS device will connect to the Controller Wi-Fi network
- Follow screen tips to "rollover" controller to home 2.4 GHz Wi-Fi



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Step 6: Connect and test all sprinklers

- Connect Controller cable female plug to the first sprinkler's male plug
- **NOTE:** Sprinklers and sprinkler cables plug together like extension cords, the male plug always points back to the controller
- Connect all sprinklers with the sprinkler cables
- Start all heads manually: "Program Zone Shape/Edit" to test wiring, watch for head to turn, with no errors
- **NOW Bury heads.** Top of green cap should be about ½" above grade

Step 7: Flush lines to remove dirt and air

- Flush line by running last head(s): "Program Zone Shape/Edit", on each water line to purge all air

Step 8: Calibrate each zone

- Go to Zone Page, select Zone, click "Calibrate"
- Screen shown. Head will spray four times, enter throw distances as prompted by app

Step 9: Map each zone shape

- Go to Zone page, select Zone
- Under "Program Zone Shape", click "Edit"
- Head will spray ~15' at Rotation "0", in Manual mode.
- "Rotate" button rotates the streams. "Up/Down" changes the distance. Rotate head and set distances to create map points
- Click "Save" to save map points. Head will spray a draw straight line between map points
- First map point must be >10' to pop up. The shortest map point allowable is 5'

Step 10: Set watering schedule

- Go to "Schedule" page
- Set watering days and start times
- Click "Zone" to set water amount for that zone. Set inches of water for digital heads
- To Use Automatic Watering using internet weather: "More" page, select "Auto Water"