

# Garden Wiz

## Bluetooth Gardening Controller



### General Features:

#### ■ Seven Outputs

- Handle up to six irrigation valve.
- Special output for Main valve with **three operation modes**: Open before, open with and open after the secondary valves with special delay.
- Support 2 wired 12V DC latching solenoids.

#### ■ Three Digital Inputs

- Flow switch- **Detect No flow** alarm during irrigation.
- Rain sensor- **Detect Rain** state and freeze planned irrigation program.
- **Panic switch**- Manual irrigation halt. **Freeze** planned irrigation program.

#### ■ Settings screen:

- Full irrigation network adjustment: Number of irrigation valves, Enable/Disable Main valve, Main valve delay, Enable/Disable Flow switch and Water leakage detection delay.
- Water dosage Per valve or Per start time
- **Two Program structure**:
  - **By valve**: each valve has four start times, unique water dosage and irrigation cycle.
  - **By program**: Three irrigation programs (A, B and C) that include all valves. The valve works serially (One after the other). The program has four start times and irrigation cycle that belong to all valves.
- Three cycle mode: Cycle of days, weekly and monthly (Even, Odd and Odd 31).
- Time and Day format: AM/PM, 24 hours, Day/Month or Month/Day.

#### ■ Friendly names and pictures:

- Grant friendly controller name.
- Grant friendly name and pictures to the irrigation valves.

#### ■ Performance:

- **Graphical** irrigation performance calendar. **Daily layout**.
- **Graphical** irrigation performance calendar. **Weekly layout** (Current or next week).

#### ■ Energy:

- **Two** alkaline batteries size **AA**. The controller has low energy consumption.

#### ■ Alarms:

- History: Last day's notification about alarms and irrigation failure.
- **No flow**, Disconnected solenoid, Low battery, Rain, Panic and Freeze.

#### ■ Communication:

- **Bluetooth** communication. Up to **60 meters** with line of sight between the smartphone and the controller.

#### ■ Smartphone application:

- Support **Android** and **iOS** smartphone operation systems.
- High performance.
- Professional gardening application.
- Modern graphical design. Very user friendly.



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