

Rain8upb - UPB Sprinkler Controller for 8 to 2000 valves

The Rain8upb is a modular 8-zone sprinkler controller module that can be an integral component of any UPB installation. It is capable of driving standard 24VAC irrigation valves directly.

The master module (shown to the right) is the first 8-zone module in a UPB installation and the only one that connects directly to a PIM and a 24VAC transformer. Additional modules may be daisy chained for those large installations.

Features:

- Turn on or off each zone individually
- Turn off all zones on all modules
- Get the current status of any zone
- Optional default run timer for each zone to prevent over watering



Three Rain8UPB modules (24 zones) in mounting rack, connected to UPB PIM and transformer.



There is a single RS232 connection between the UPB PIM and the Master Rain8.

The 24VAC power and network communications are transferred from master to slave-to-slave etc.

The network connection for the slave units is an 8 conductor RJ45. Each slave has a pair of these modular jacks to pass on data and power to the next one in a daisy chain. Each slave also has a RS232 connection that is used only to assign the address and setup default run timers during the initial configuration.

Software Control Options

These solutions require a PC running at all times irrigation is scheduled.