

# Mini Irrigation Controller

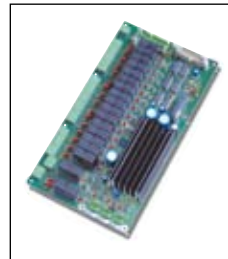


**Mini 110**

## Simple, safe and reliable

Mini 110 has been developed as a cost effective, easy to use irrigation controller.

Mini 110 can be linked with any fertilizer mixer, but has been specially designed for use with our **MICRO 100/200** fertilizer mixers, enabling the grower to apply 2 different fertilizer programs to any of the 16 solenoid valves.



Mini 110 has 16 output relays, with possibility for either 24V AC or 24V DC as connection to solenoid valves.

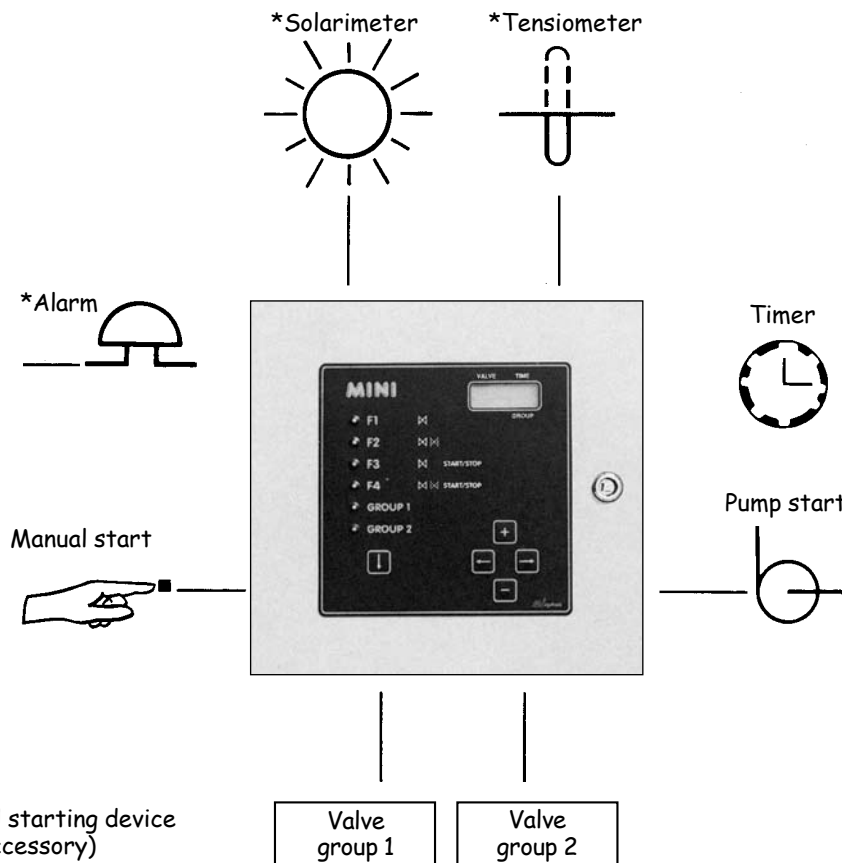
## The Mini 110 incorporates following features:

- Simple to operate
- Control of up to 16 solenoid valves, which can be divided into 2 valve groups
- Can be used in conjunction with any fertilizer mixer
- Programming of separate irrigation times for each solenoid valve from 1-99 min.
- Prioritization of valve sequence
- Output for starting irrigation pumps
- Pause function with alarm
- Memory backup in case of power failure
- Pause period between each valve
- Digital 2-channel timer



Mini 100 without timeclock and transformer - can also be delivered as a slaveunit for Mini 110.

## Technical specifications:



### Dimensions:

- Height: 300 mm
- Width: 400 mm
- Depth: 150 mm
- Weight: 9 kg

### Power supply:

- 230V - 50 Hz - 2 A

### Memory:

- EEPROM

### Microprocessor:

- PIC 16 C 57

### Replaceable program:

- EPROM

### Display:

- LCD Display alfa-numeric

### Keyboard:

- Touch sensitive plastic keyboard with built-in LED indicator lights

### Temperature:

- 0-40° C with no direct exposure to sunlight

### Relay outputs for:

- Pump start (eg. mixer)
- 16 Solenoid valves 24V AC or 24V DC
- 2 Reservoir pumps

Alarm input to temporarily stop the irrigation controller, eg. from mixer

### Start signal:

- Manual
- External contact
- Digital 2-channel timer

Irrigation time per solenoid valve: 1-99 min.  
Prioritization of valve sequence

