

Motorised water valve control PCB

**VALVE** motorised water valve  
 BLK :- BLACK WIRE ON VALVE  
 RED :- RED WIRE ON VALVE  
 GRN :- GREEN WIRE ON VALVE

( This output is 5VDC and will only work the supplied motorised valve)

**ALARM INPUT**

Connect +V and I/P to output of water leak detectors

**SWITCH**

Connect to ON/OFF switch to turn water on and off. Switch closed = valve open

**RELAY OUTPUT**

This relay will operate when a alarm signal is received. Contacts rated at 3A 24VDC. Can be used to close other valves or signal an external alarm.

**POWER**

Power in:- 12VDC 100mA max. can be unregulated or regulated  
 Can be connected to a 12VDC house alarm power supply.

For use with 24VDC use a 150 ohm 2W resistor in the power line to V+

**LED's**

- GREEN** :- ON = power to system is on
- RED** :- ALARM = water leak has been detected
- YELLOW** :- ON = motorised valve is OPEN
- YELLOW** :- FLASHING = motorised valve is operating

**Operation**

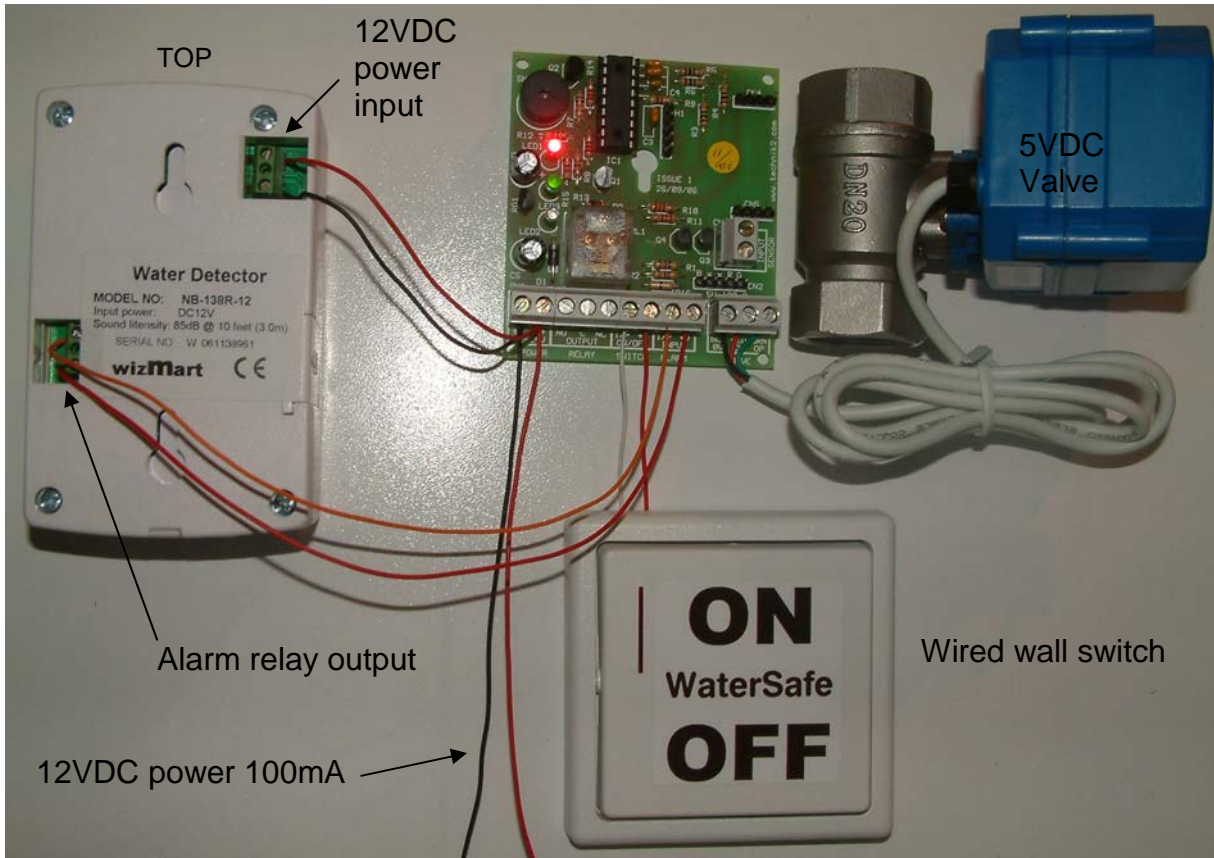
Press the watersafe wall switch to ON to open the motorised valve and the water supply will be ON  
 Press the watersafe wall switch to OFF to close the motorised valve to turn the water supply OFF

If a water leak is detected the motorised valve will automatically close and the RED LED will flash  
 To re-set, press the watersafe wall switch to OFF (this will stop the alarm but the motorised valve will remain closed). Press the watersafe wall switch to ON once the leak has been stopped and you require the mains water to be turned back ON.

Note. If the power supply is interrupted the yellow LED will not be on until the unit is re-set by pressing OFF then ON, on the wall switch. Test system once per month.



Motorised water valve stop cock showing wired Wizmart leak detector .



Basic wired motorised water stop cock system

The motorised water valve is DN25 (1") DN20 (3/4") or DN15 (1/2") and can be reduced to the size required. Do not hold or use the blue motor to tighten the valve. Mount the valve so you can easily access the manual operation knob, on the top of the motor.

Manual override knob. To operate the power to the system must be OFF. Pull knob up until it clicks to engage gears. Turn knob to open or close valve. Look at indication window on top of valve to see position of ball valve.

