

## MULTIPLE MOTOR WATER LEVEL CONTROLLER

Wasco is a Compact Smart Water Level Controller, able to manage 3 relay output of 30A Over wireless communication.

- Wasco Wireless Range has two variants, One support upto 50 Meters and another support upto 300 Meters.
- Wasco Base Unit has 3 Digital I/O and a Relay Output which can able to provide output to any PLC or other system as per customization.
- Wasco Transmitter Unit has 3 Digital Input. Tx Unit is IP65 Grade UV protected ABS Material.
- Customized Application as per Client's Requirement. Open to integrate in any platform
- Ultra Low Power Application upto 10 Years\* of Battery Life in many Application.
- Saving Cost reducing external Wiring Supply
- DIN Rail Mounting for Any Panel Use

(\* - With No Sensor , 2 Signal Transmit Per Day , 2.4 Ghz Unit)

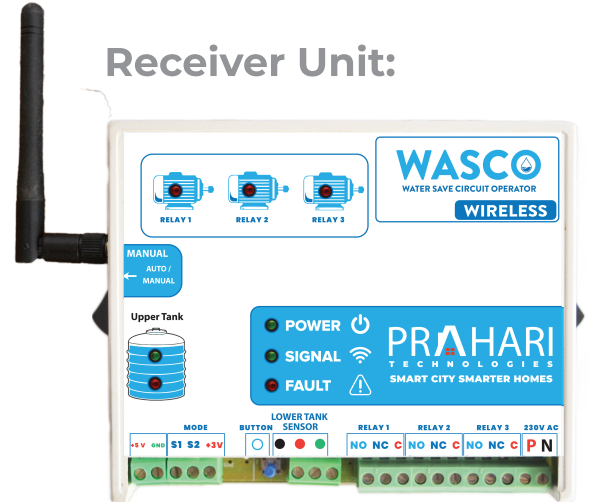
### Use Cases

- Smart Water Monitoring Systems
- Smart Agriculture
- Boring and Sump Tank Water Level Management
- Smart Liquid Management
- Priority Based Pump Operation
- Multi Motor Managed One Sump Tank Apprtments
- Simultaneous Pre Programmed Pump Operations

**WASCO**



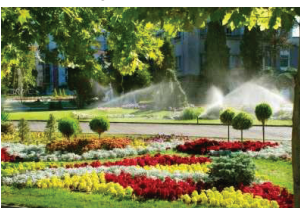
### Receiver Unit:



### Transmitter Unit:



parks and gardens



Golf



Resorts



Smart Agriculture



## Benifits & Key Features

- Save Water, Save Energy, Save Money
- Fully water level controller is designed with advance microprocessor based technology with industrial grade enclouser and din rail mount facility.
- Dry run protection by sensing underground tank level sensing.
- 230VAC input and 3 x Potential Free Output(30A Relay)
- High and Low level indication for overhead tank
- Auto/Manual Fuction For Each Motor
- Modes:(On Start Of Device LED Blink To See Mode Status)
  - Mode1: Normal Water Level
  - Mode2: Auto Cut Off Sampling
- Side Auto Manual Switch- For Bypass system in case of failure
- Front Start-Stop Switch will Operate Pump Start Maually and Stop Automatically
- 3 Optional Input For Customised Function in Base Unit
- IP65 Protected Battery/SMPS Based Powered Upper Unit as per Customer's Requirement

Installation Video



## Technical Features

<b>COMMUNICATION</b>	Frequency.....2.4GHZ / 433Mhz / 868 Mhz Range.....Upto 50 Meters / Upto 300 Meters Communication Type.....Simplex Method Paring Type.....1-Tx to Many-Rx/ 1-Rx to Many-Tx
<b>POWER SUPPLY</b>	Type-Transmitter.....2x AA Battery /4x AA Battery / SMPS Voltage.....DC 3.3V Type- Receiver.....AC-230V
<b>MECHANICAL FEATURES</b>	<b>Transmitter:</b> Dimensions.....150x120x55mm Weight-Transmitter.....300g IP Class.....IP67 Housing Material.....ABS Senser Voltage.....3V3 No of Sensers.....Upto Six /Default Three Sensor Type.....Carbon / Magnetic Float Sensor Configuration.....Normally Open Digital Pin / Analog Pin IO.....4 DIO / 2 AIO <b>Receiver/ Base Controller Unit:</b> Dimensions.....130x105x60mm Weight-Transmitter.....500g Housing Material.....ABS Senser Voltage.....3V3 No of Sensers.....Upto Six /Default Three Sensor Type.....Carbon / Magnetic Float Sensor Configuration.....Normally Open Digital Pin / Analog Pin IO.....3xDIO / 2xAIO Relay Output.....3 x 30A NO/NC Switch Operation.....1 x Input Switch External DC Voltage.....12VDC Upto 50mA/3v3 Upto 500mA Low Battery Indicator.....Yes
<b>ENVIRONMENTAL FEATURES</b>	Operating Temperature.....[-10/+50 °C] Storage Temperature.....[-15/+55 °C] UV Protection.....YES(Transmitter)