

Wireless Multi-Tank Water Level Indicator with Tank Empty & Tank Full Alarm

It is a Radio Frequency Based Level Indicator which helps to ascertain the level of water in the tank. It also gives alarm when tank is empty or tank full. The maximum range of the line of site is 500 to 1000 meters (Can be used in a 10 storey building / apartment). The device is portable and wireless and free from hassles of wiring. It has transmitter and receiver units. The transmitter unit is placed near the water tank, whereas the receiver unit is placed inside the house for monitoring four levels to get alert for tank empty or full.

TRANSMITTER UNITS:

- ❖ AC 230V supply should be given for the transmitters.
- ❖ Sensors should be placed in the respective water tank at Common, 25%, 50%, 75%, 100% level and has to be connected with this transmitter. Colour coding will be labelled in the respective transmitters.
- ❖ There is a yellow colour switch that helps for pairing with the indicator.
- ❖ It checks the water level in the tank every 32 seconds once. It sends the data to the Common Receiver (Indicator Unit) if there is any change in the water level of the Tank.

INDICATOR UNIT:

- ❖ Has Power ON/OFF switch. AC 230V input supply must be given to this unit.
- ❖ There are 4 level indications for the tank.
- ❖ Gives a slow beep when tank level is low (All LEDs will be OFF) and fast beep when the tank is full (All LEDs will be ON).
- ❖ The alarm will beep for 15-30 seconds.
- ❖ Mute button is used to stop the alarm as well as used for pairing the transmitters and receiver.

Description	Transmitter	Receiver
Single tank indicator	1 no.	1 no.
Dual tank indicator	2 no.	1 no.
Triple tank indicator	3 no.	1 no.

PAIRING PROCEDURE:

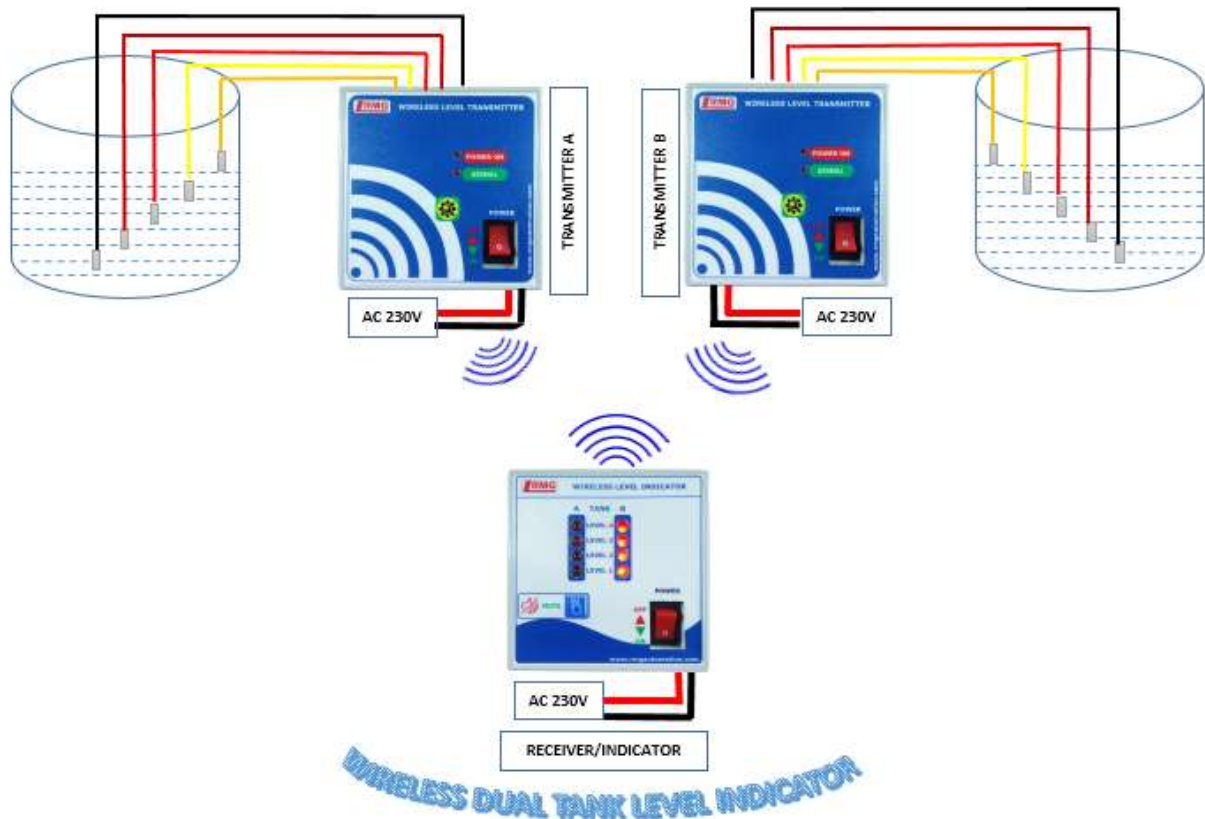
The units are generally paired and dispatched. In case of any trouble at the time of installation, users can pair the units once again.

- ❖ Step 1: Give Input AC 230V to the Receiver / Indicator Unit.
- ❖ Step 2: Press the MUTE button and do not take the finger out. While doing this, switch ON the power ON/OFF switch. All the LEDs will blink on the tank level. It means the device is ready for pairing.
- ❖ Step 3: Give Input Supply AC 230V for the Transmitter unit.
- ❖ Step 4: Long press the pairing switch (yellow switch) of the Transmitter. Without taking out the finger from the pairing switch, switch ON the power ON/OFF switch. The receiver unit is now paired with Transmitter.

Single Tank Wireless Water Level Indicator:



Dual Tank Wireless Water Level Indicator:



Triple Tank Wireless Water Level Indicator:

Repeat the above mentioned procedure for the additional Transmitter C for the third tank and the levels of the third tank will be monitored.

INSTALLATION / PAIRING STEPS (Dual Tank):

- ❖ Step 1: Wall mount the Wireless Tank Level Indicator at the preferred location in your house. Make sure the Power ON/OFF switch is in OFF position.
- ❖ Step 2: Give Input AC 230V to the indicator unit.
- ❖ Step 3: Long Press the MUTE button and do not take the finger out. While this is done, switch ON the power ON/OFF switch. All the LEDs will blink on any one tank levels. It means the device is ready for pairing.
- ❖ Step 4: Give Input Supply AC 230V for the Transmitter A.
- ❖ Step 5: Long press the pairing switch (yellow switch) of the Transmitter. Without taking out the finger from the pairing switch, switch ON the power ON/OFF switch. The receiver unit is now paired with Transmitter A.
- ❖ Step 6: Press Mute button of Receiver just once. No need of long pressing.
- ❖ Step 7: Give Input Supply AC 230V for the Transmitter B.
- ❖ Step 8: Long press the pairing switch (yellow switch) of the Transmitter B. Without taking out the finger from the pairing switch, switch ON the power ON/OFF switch. The receiver unit is now paired with Transmitter B.
- ❖ Step 9: Mount both the Transmitter A and B near the respective tanks depending upon the feasibility, making sure that the devices does not get drenched in rain.
- ❖ Step 10: Now immerse the sensors into the tank and connect them with the respective Transmitters as per the colour coding given and tape it properly.
- ❖ Step 11: As per the water level in the tank the Indicator Unit shows the levels.
- ❖ Step 12: If the water level goes low, all LEDs will be OFF and you will hear a low beep alarm for 15 seconds. If water goes to high level all LEDs will be ON and you can hear a fast beep alarm for 15 seconds. The MUTE button also helps to stop the buzzer alarm.