

Influx Mobile Pump Starter (MPS)

Influx Mobile Pump Starter (MPS) is a GSM based remote control system which has been specially designed to address the practical problems of Indian agriculture. With this the farmer can operate his motor pump anytime and from anywhere in the world. He can know the status of the pump and can get the information of the pump site on his phone. With Influx MPS, the farmer takes the full control in his hands.

Influx MPS – How does it work:

Influx MPS is attached with the starter. Motor pump is attached with an Autostarter and the Autostarter is connected with the Influx MPS. One mobile phone which is kept nearby is connected with this device. This puts the pump in ON or OFF mode. When anyone calls up that mobile phone (which is kept next to Influx MPS) and presses the defined code then the pump gets operated. It switches the pump ON & OFF. It also let you know whether the electricity supply is there or not. It is very easy to operate and can be operated by even a housewife or a child.

Application

- To start or stop (ON or OFF) the pump from remote location
- Can be used anywhere – where ever mobile phone coverage is available.
- To know whether electricity supply is available or not at the pump site
- To know the 'On / Off status' of the electric switch of the pump.

Specialties

1. When the mobile pump starter is in auto mode, you can call up the mobile starter and operate it (On/Off) any time. You can even know the status information about your motor.
2. In case of power failure in motor running mode, the motor automatically gets ON (by one minute timer) as soon as the power resumes back. For this, the MPS should be kept on auto- mode.
3. When the motor is ON and kept on 'manual mode' – you can get all the information of pump site by calling up the MPS but you can't operate (ON/OFF) the pump in this mode.

Influx MPS will talk to you

When you call up the mobile pump starter from anywhere – the MPS will talk to you.

1. Motor is ON.
2. Motor is OFF.
3. Electricity supply is OFF.
4. One phase has gone.
5. Motor is closed due to overload.
6. Motor is off due to dry run.
7. Motor has started
8. Motor has stopped.

How to Use

While connecting it to mobile

1. Attach the phone charger (which has come along with the phone) with the phone and keep it always in 'ON mode'
2. Don't keep the phone in vibration mode.
3. Select the most Loud ring tone available in the phone.
4. Select the phone headphone in 'auto answer mode'.
5. Connect the wire-pin (which comes from Influx MPS) properly to the head phone socket.

Phone Setting

Follow the following method to put the Nokia 1202 (GSM) phone in 'auto answer'

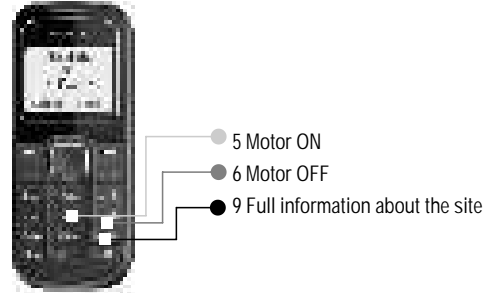
Press menu → Setting → Attachment Setting → Headset → Activate Auto answer mode → Switch ON

How to switch ON/OFF the motor

Call up Influx MPS from any phone and press '9' to know the full information about the pump site.

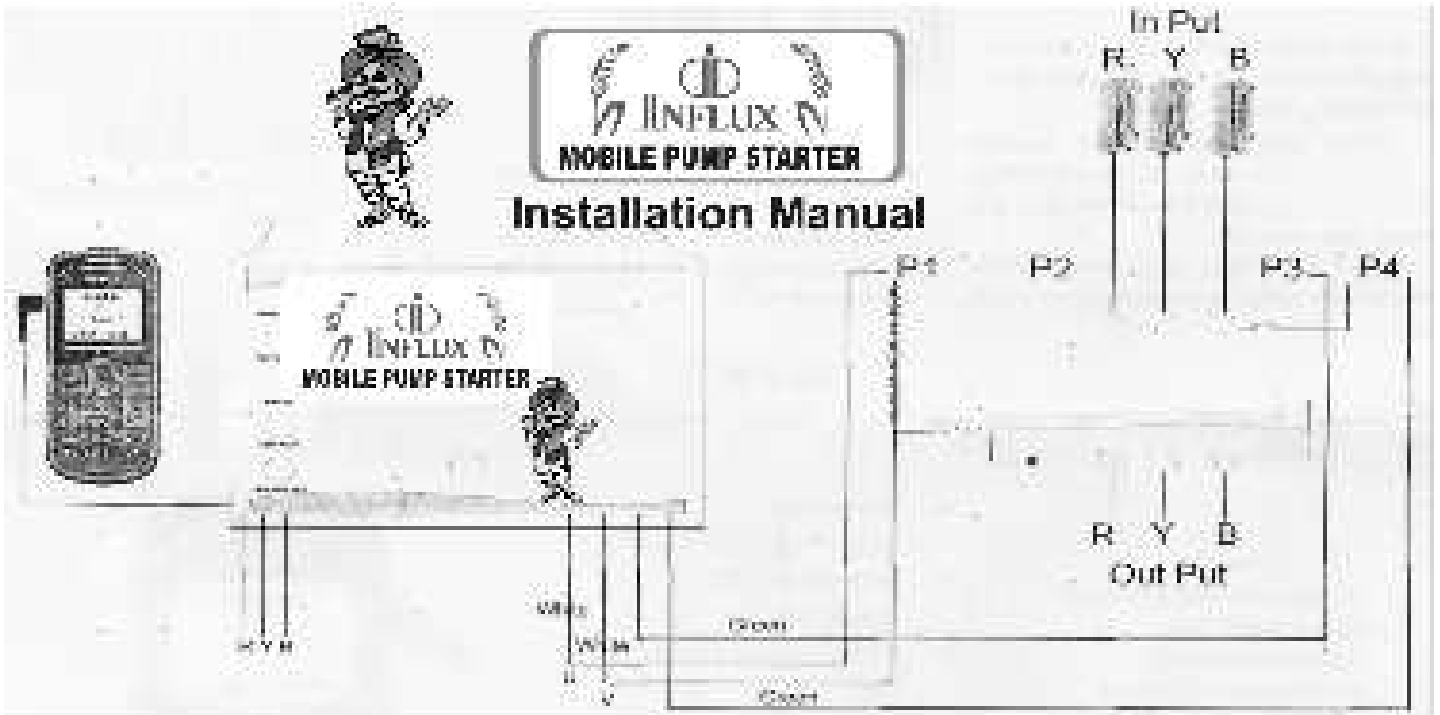
When you press '5', the pump will start.

When you press '6', the pump will be off.



Important points to note while connecting Dol starter with Influx mps

1. Remove the link of coil from P1.
2. Connect wire U of Mobile Pump Starter to the P1 of Dol starter
3. Connect wire V of Mobile Pump Starter to the Coil of Dol starter
4. Connect wire P3 of Mobile Pump Starter to the P3 of Dol starter
5. Connect wire P4 of Mobile Pump Starter to the P4 of Dol starter
6. Connect R.Y.B wire of Mobile Pump Starter as per regular R.Y.B connection
7. Switch given on Mobile Pump Starter should be on AUTO mode
8. After starting Mobile Pump starter if Phase LED gets Red, then you have to interchange the R & Y in R.Y.B unit.
9. Power On' LED given on Mobile Pump Starter states that power is on & 'Motor On' LED states that motor is on.



Dry RUN Setting:

After the mobile starter connection is properly done you need to do the Dry Run Setting on mobile starter. For this start the motor and then set the Dry Run setting lights in the pots.

INDICATIONS :

Power on	- Red (LED)
Motor on	- Green (LED)
Phase	- Red (LED)
Dry Run	- Green (LED)
Dry Run Set	- Red (LED)

Switches:

Auto Mode: When the MPS is in auto mode it is fully operational. Along with this, the auto switch inside the mobile starter also remains operational in this mode.

Manual Mode: When the MPS is kept in manual mode, the mobile starter unit will be bypassed and in this mode you can operate your motor starter as earlier. In this mode you can't take the benefit of features like mobile starter & auto switch. However, when you call up the pump mobile – you will get the full information. The only thing is that you can't switch (ON/OFF) your pump from remote in this mode.