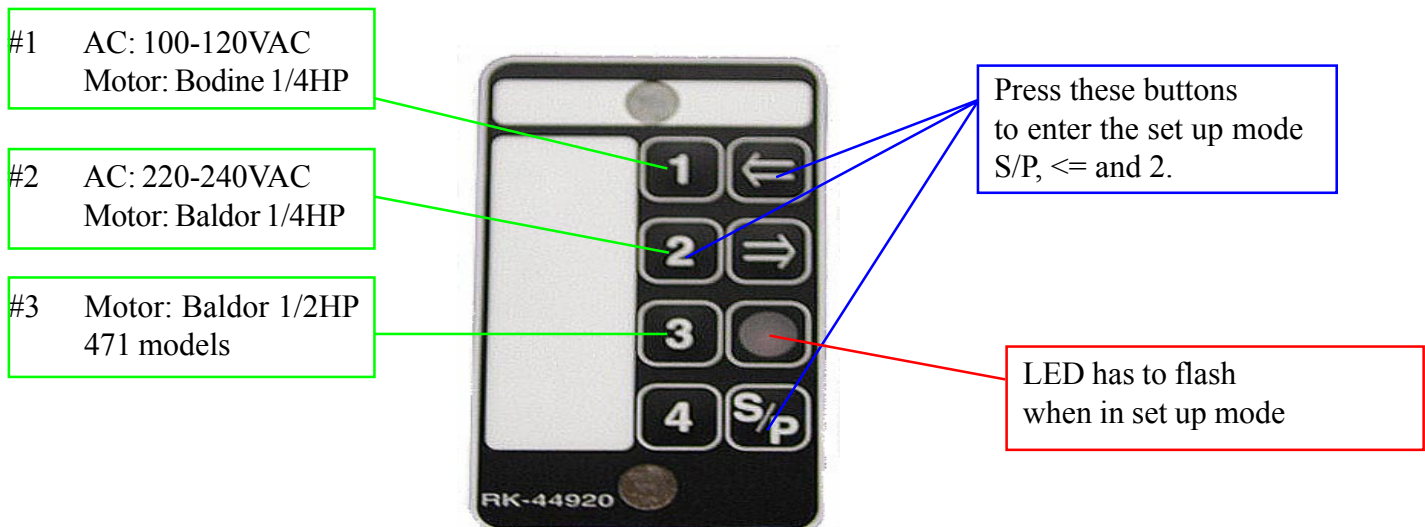




Setting up the MDI drive with MDI443V1, MDIVER2K version microcontroller

If you received the microcontroller for an upgrade, or need to reprogram the set up of a drive; you need to reprogram the MDI drive for the version MDI443V1 and MDIVER2K to function properly. You have to program the voltage input of the drive (100-120 VAC or 220-240VAC) and the type of motor used on your masking motor.

Remember that you may lose all the positions already programmed in the drive!



1. Press and hold simultaneously the S/P, #2 and <=> buttons until the led flashes rapidly (4-5 sec.)
2. Now you are in set up mode; you need to know the AC voltage required for the drive and input it as follows:
press 1 if 100-120 VAC
press 2 if 220-240 VAC

Note: You will have to set the proper voltage on the input module; use a screwdriver to remove the fuse compartment.

Once you have press either 1 or 2 the led should go off for approximately 1 sec and then flashes again.

3. The next step is to select the type of motor used with your unit. Look what is the model of your unit and what brand of motor is installed on it.

press 1 if you have a 443(K) and a Bodine motor type 33A5BEPM-5N installed (1/4HP)
press 2 if you have a 443(K) and a Baldor motor Cat no: GP7405 installed (1/4HP)
press 3 if you have a 471(K) model (all 471(K) with Baldor) (1/2 HP)

Once this is done the led should go off for approximately 1 sec and then comes on (not flashing). Turn off the unit to validate the configuration. Then, turn on the unit and you are now ready to program your positions.