



## DD2P301

### Description

The P3™ (Portable Parameter Programmer) is a handheld device used to change parameters on the DigiDrive™II family of single-phase motor controls. The P3™ offers simple handheld configuration of eight of the most commonly used parameters without the need of a PC or laptop computer. It enhances configurability for specific DigiDrive™II applications.

### Capabilities

The P3™ allows DigiDrive™II parameters to be adjusted from factory presets. It provides the user with options to reconfigure a DigiDrive™II control for a specific application. Using a P3™ allows changes to the DigiDrive™II to operate different types of loads, have different acceleration or deceleration, set different speed ranges and more, thus maximizing the DigiDrive™II's control features. While the P3™ is connected, it can be used to control the speed of the drive, overriding the normal control input. The P3™ monitors and shows the frequency at which the drive is operating in "real time".

A single P3™ unit can be used to configure multiple DigiDrive™II controls. Once a satisfactory configuration has been programmed, that configuration can be copied to other drives with just a press of the "program" button. The P3™ is battery powered (9 volt), making it inherently safe. In addition, its compact size (5.75" x 3.60" x 2.1") and light weight (under 1 lb.) make the P3™ ideal for on-site programming.

### Use

Anacon created the layout and use of the P3™ to be user-friendly. The P3™ ships with the handheld unit and a user's manual.

To reset program parameters, just switch the DigiDrive™II from default to USER, connect the P3™ via the serial port, power up, insert adjusted parameters,



send the changes via the program button and the DigiDrive™II is set to more effectively control the motor for the intended application.

Controls on the P3™ are also designed for ease of use. The controls include:

- Calibrated rotary pots/knobs to set Min Frequency, Max Frequency, Deceleration, Acceleration and motor current trip level
- Control speed of motor via P3™ knob
- Select V/F (voltage/frequency) "best curve" via an 8-way rotary switch – 4 curves for 60Hz and 4 curves for 50Hz
- P3™ Power on/off button
- Boost mode button (push switch) for additional starting torque
- Soft-Stop button (push switch) creates controlled deceleration to zero speed
- LCD screen to monitor current speed in "real time", confirm changes and prompt drive faults (over current, over-voltage, under voltage, etc.)

**For assistance call 888-456-3398**

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