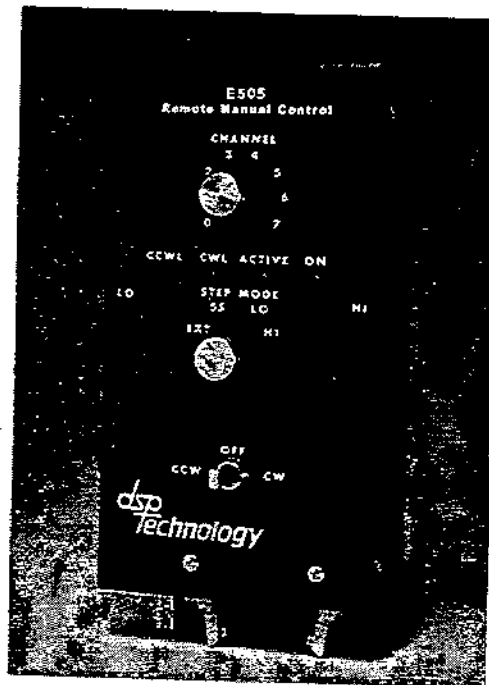


MODEL E505



REMOTE CONTROL POD



FEATURES

- ◆ Channel selection switch
- ◆ Four clock sources: internal slow (adjustable), internal fast (adjustable), single step, and external clock (BNC)
- ◆ Limit indicators (LED)
- ◆ RS-422 interface

DESCRIPTION

The E505 is a compact, hand-held unit connected to the E500 module with a 20-conductor flat-ribbon cable. An operator can use the front-panel rotary switch on the E505 to manually adjust the position of any channel on the E500 module. A four-position mode switch designates high-speed stepping, low-stepping, single-step stepping, or external-clock-rate stepping. Action on the E505 is initiated with the CW/off/CCW toggle switch.

The low-range internal stepping rate is screwdriver adjustable over a range of approximately 5 pps to 200 pps. The high-range rate is adjustable likewise from 200 pps to 20,000 pps. Red LED's indicate the presence of limits on a selected channel. An amber "active" LED indicates that an operation is taking place. Unlike Dataway-programmed operations, E505 operations can go beyond the limit switch area, so caution should be exercised.



APPLICATION

The E505 remote control pod is used with the E500 intelligent stepper motor controller to manually position a channel from a remote location. A multiple-speed adjustable jogging feature of the unit allows quick and convenient system setup.

TECHNICAL SPECIFICATIONS

MECHANICAL

Hand-held enclosure

Size: 76 mm x 140 mm x 32 mm (3" x 5.5" x 1.25")

Weight: 0.6 kg (1.3 lb)

OPERATING TEMPERATURE

0° C to 50° C (32° F to 122° F) at less than 80% humidity

POWER REQUIREMENTS

24 V 350 mA

Interface: RS-422

PANEL CONTROLS

- Channel select
- Step mode
- Actuate (CW/off/CCW)
- High-range speed adjust
- Low-range speed adjust

PANEL INDICATORS

- On LED (green)
- Active LED (amber)
- CW limit LED (red)
- CCW limit LED (red)

CONNECTORS

- BNC (External clock)
- 20-pin Scotchflex (interface cable)

