

## HIGH PERFORMANCE MICROSTEPPING DRIVER MODEL P860

Model P860 is a fully digital high performance DSP driver suitable for 2-phase and 4-phase hybrid steppers requiring a drive current of up to 8.5A/phase. The design features an advanced bipolar constant-current chopper circuit with current control technology. This driver is suited to stepper motor control applications requiring low noise, low vibration, high speed and high precision.

- High performance at a low cost
- Supply voltage 24V to 110V dc, current to 8.5A
- Current selectable from 2.8A to 8.5A / phase
- Inaudible chopping frequency
- TTL compatible and Optically isolated input signals
- Automatic idle current reduction
- Mixed-decay current control for reduced motor heating
- 16 selectable step resolutions in decimal and binary
- Microstepping to 51200 steps/revolution
- Suitable for 4, 6 or 8 lead wire motors
- Step, Direction and Enable inputs
- Over temperature and over voltage protected
- Short circuit protected



### Additional Specifications

Drive current:	Adjustable from 2.8A to 8.5A
Supply voltage:	Input voltage from +24V to 110Vdc
Step control:	Full step or microstepping
Control inputs:	Connections for pulse, direction and enable signals
Pulse signal:	Speed control to maximum frequency 200kHz
Direction signal:	Clockwise or counter-clockwise rotation
Enable signal:	Driver enable or disable
Logic signals:	Current from 6mA to 30mA
Material:	Black coated aluminium with integral heatsink
Mounting:	Free standing or via mounting holes
Dimensions (WxHxD):	97.5x 150 x 53 mm
Mass:	600g