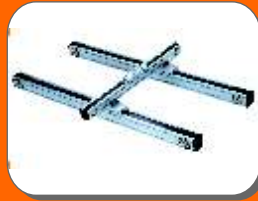




ACTUATORS, X-Y TABLE



LINEAR GUIDEWAY & LM BEARING



BALL SCREW, COUPLING, TIMING BELT & PULLEY



MOTION & CONTROL



ROTARY INDEXING TABLE



ROBOFLEX CHAIN



BEARINGS & BUSHES



AL PROFILE & ACCESSORIES



**PMX-4EX-SA**

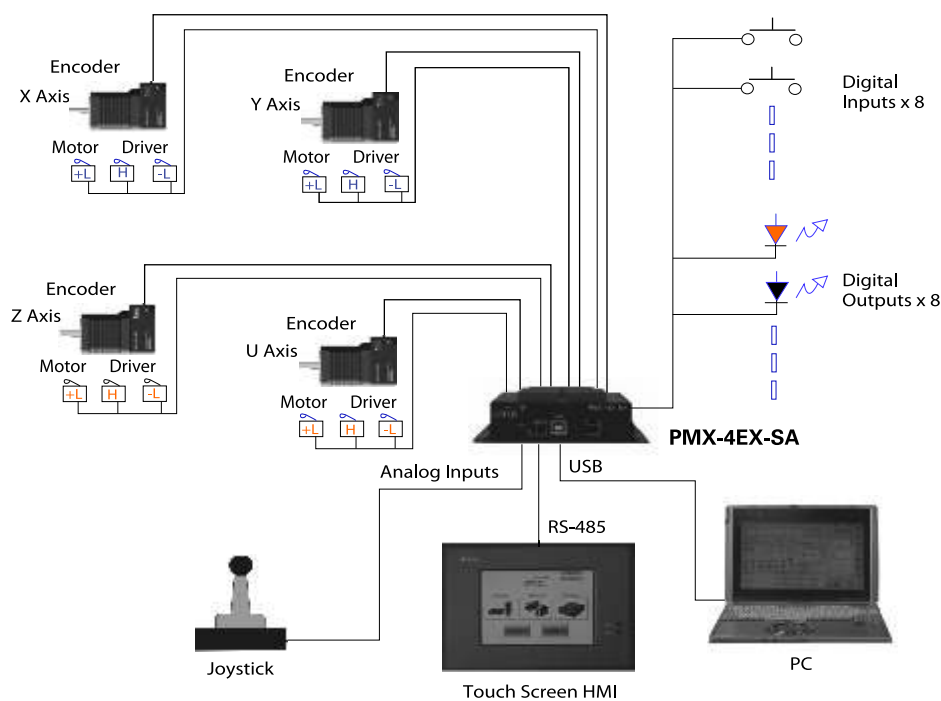
Advanced 4 Axis Motion Controller with USB/RS-485



Also available with DB9 Top Junction Board for Easy Connection with DMX-A2-DRV

**Specifications**

- 4 Axis Advanced Motion Controller
- USB 2.0 and RS-485 communication
- 6M maximum pulse rate output
- Trapezoidal or s-curve acceleration
- On-the-fly speed change
- Continuous linear coordinated buffered XYZ move
- XYZU linear coordinated motion
- XY circular and arc coordinated motion
- Homing using Home and/or Index encoder channel
- Pulse/Dir/Enable open collector outputs per axis
- Opto-isolated +Limit, -Limit, Home, and Alarm inputs per axis
- Single-ended or differential quadrature encoder inputs per axis
- Opto-isolated Digital Inputs (8)
- Opto-isolated Digital Outputs (8)
- Analog inputs 10-bit resolution (8)
- Built-in joystick control for XYZU axes
- High speed position capture inputs and sync outputs
- Built-in StepNLoop closed loop control algorithm
- BASIC-like standalone programming language
- Multi-task programming support



**PMX-4ET-SA**

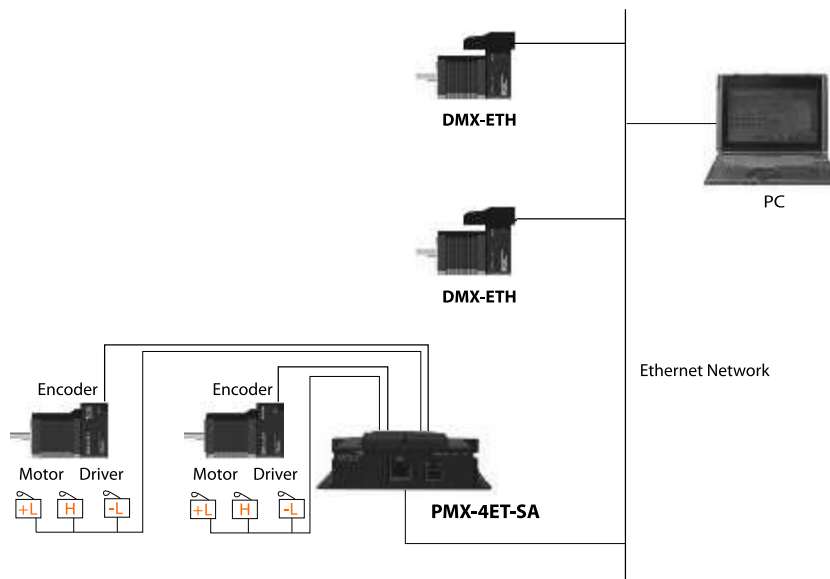
Advanced 4 Axis Motion Controller with Ethernet



Also available with DB9 Top Junction Board for Easy Connection with DMX-A2-DRV

## Specifications

- 4 Axis Advanced Motion Controller
- 10 Mbps Ethernet Communication
- 6M maximum pulse rate output
- Trapezoidal or s-curve acceleration
- On-the-fly speed change
- Continuous linear coordinated buffered XYZ move
- XYZU linear coordinated motion
- XY circular and arc coordinated motion
- Homing using Home and/or Index encoder channel
- Pulse/Dir/Enable open collector outputs per axis
- Opto-isolated +Limit, -Limit, Home, and Alarm inputs per axis
- Single-ended or differential quadrature encoder inputs per axis
- Opto-isolated Digital Inputs (8)
- Opto-isolated Digital Outputs (8)
- High speed position capture inputs and sync outputs
- Built-in StepNLoop closed loop control algorithm
- BASIC-like standalone programming language
- Multi-task programming support



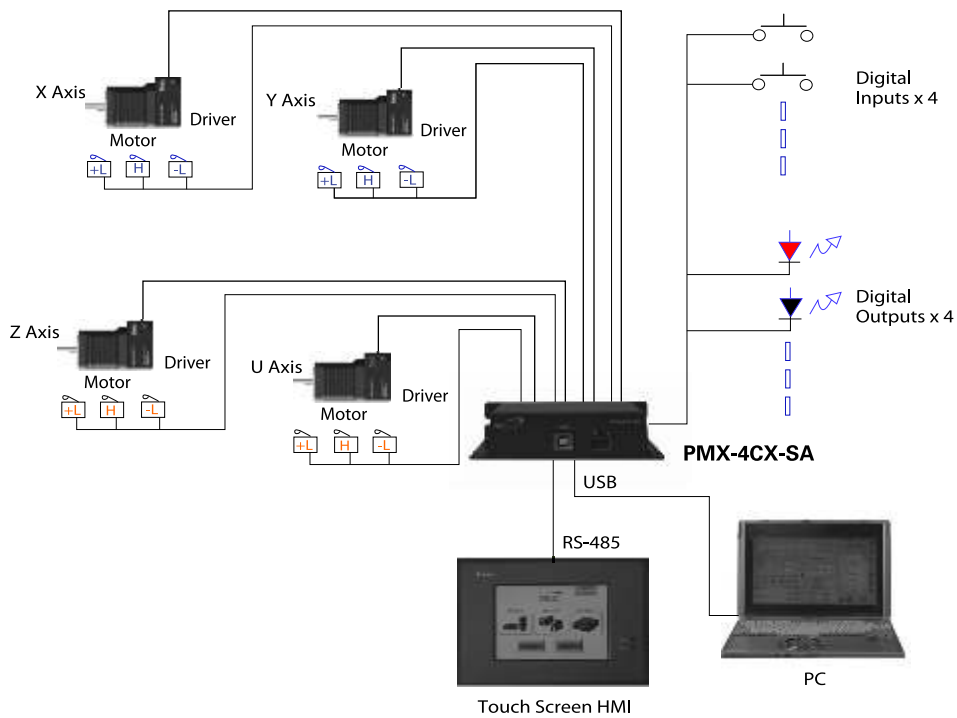
**PMX-4CX-SA**

Basic 4 Axis Motion Controller with USB/RS-485



**Specifications**

- 4 Axis Basic Motion Controller
- USB 2.0 and RS-485 Communication
- 400K maximum pulse rate output
- Trapezoidal acceleration
- Pulse/Dir/Enable open collector outputs per axis
- Opto-isolated +Limit, -Limit, and Home inputs per axis
- Opto-isolated Digital Inputs (4)
- Opto-isolated Digital Outputs (4)
- BASIC-like standalone programming language
- Multi-task programming support



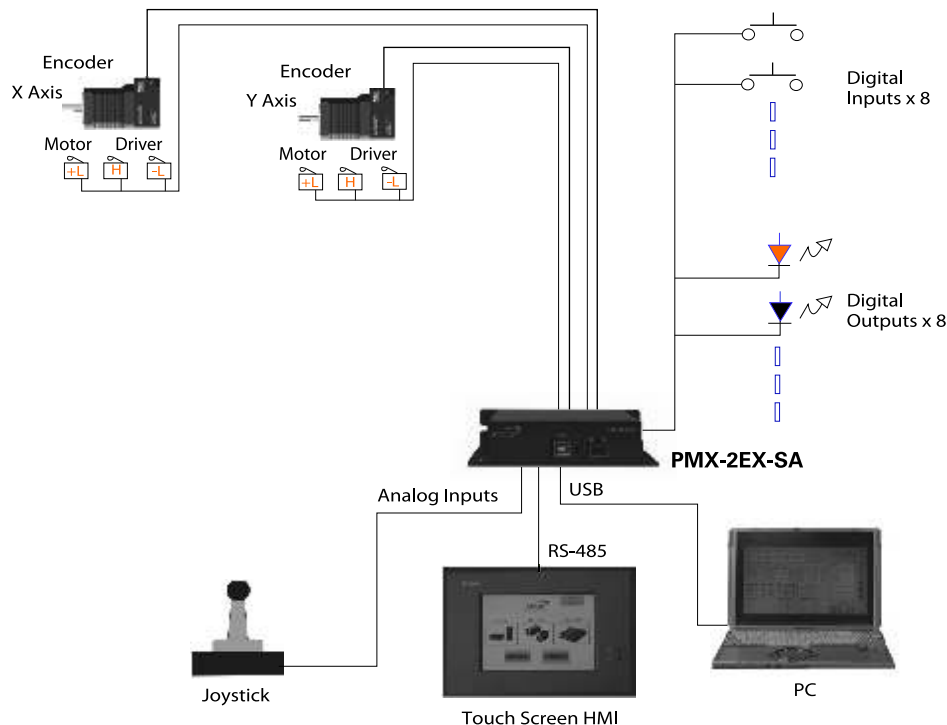
**PMX-2EX-SA**

Advanced 2 Axis Motion Controller with USB/RS-485



## Specifications

- 2 Axis Advanced Motion Controller
- USB 2.0 and RS-485 communication
- 6M maximum pulse rate output
- Trapezoidal or s-curve acceleration
- On-the-fly speed change
- XY linear coordinated motion
- Homing using Home and/or Index encoder channel
- Pulse/Dir/Enable open collector outputs per axis
- Opto-isolated +Limit, -Limit, and Home inputs per axis
- Single-ended or differential quadrature encoder inputs per axis
- Opto-isolated Digital Inputs (8)
- Opto-isolated Digital Outputs (8)
- Analog Inputs 10-bit resolution (2)
- Built-in joystick control for XY axes
- Built-in StepNLoop closed loop control algorithm
- BASIC-like standalone programming language
- Multi-task programming support



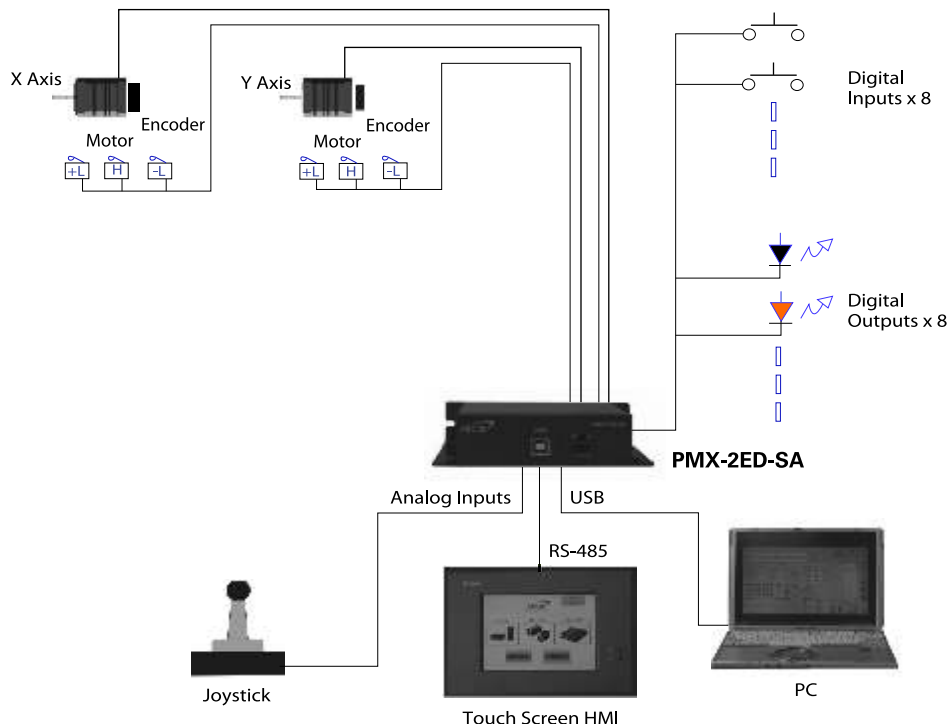
**PMX-2ED-SA**

Advanced 2 Axis Motion Controller + Microstep Driver with USB/RS-485



## Specifications

- 2 Axis Advanced Motion Controller
- USB 2.0 and RS-485 communication
- Built in X and Y axis microstep drivers (1.5 Amp/8 microstep/24 VDC)
- Trapezoidal or s-curve acceleration
- On-the-fly speed change
- XY linear coordinated motion
- Homing using Home and/or Index encoder channel
- Opto-isolated +Limit, -Limit, and Home inputs per axis
- Single-ended or differential quadrature encoder inputs per axis
- Opto-isolated Digital Inputs (8)
- Opto-isolated Digital Outputs (8)
- Analog inputs 10-bit resolution (2)
- Built-in joystick control for XY axes
- Built-in StepNLoop closed loop control algorithm
- BASIC-like standalone programming language
- Multi-task programming support



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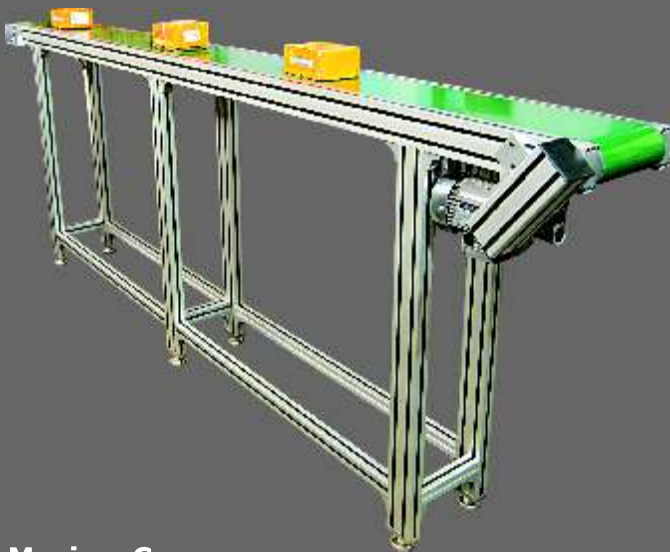
**Email :** info@pbh.in

**B-35**

**Website :** www.pbh.in

## SOLUTIONS FOR INDUSTRIAL AUTOMATION

- Linear Guides
- Ball Screw & Lead Screw
- Ball Screw Support Unit
- Coupling
- Linear Motion Bearing
- Shafts (Hardened & Ground)
- Pillow Block Bearing Unit
- Precision Lock Nut & Power Lock
- Timing Belt & Pulley
- Actuators, X-Y Tables
- Maxima Work Table & Conveyor
- Stepper Motors, Drivers
- AC Servo Motors & Drive
- Motion & Controllers
- Rotary Indexing Tables
- Cable Drag Chain (Robochain)
- Aluminium Profile & Accessories
- Leveling Foot Mount & Autocaster



Maxima Conveyor



Maxima Work Table