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PIEZO CONTROLLER



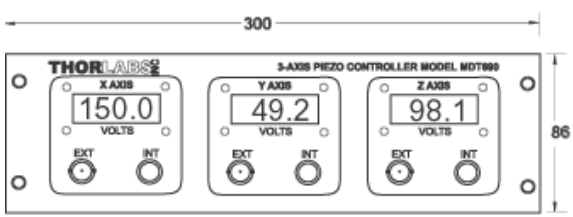
MDT 690 PIEZO DRIVER

- *Output Voltage: 0 -150V*
- *Output Current: 60mA / channel*
- *Channels: 3 independent*
- *Output Noise: <3mV RMS*
- *Output Stability: 0.1% over 16 hours*
- *Power Requirements: 115/230V AC 50-60Hz*
- *External Voltage Control with 15x gain*
- *LCD digital readout on each channel*
- *Internal/External Voltage Control*

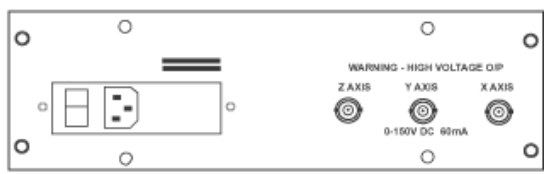
The Thorlabs MDT 690 is an ideal 3 channel controller for flexure stages fitted with either MDE 218 or MDE 227 piezo adjusters. It combines a precision output voltage for maximum piezo resolution with a high current capability to allow external modulation of the piezo.

The piezo adjusters are connected to 3 x BNC outputs on the rear panel of the controller and the voltage applied to each channel independently using the knobs on the front panel. Each channel has its own LCD display which shows the applied voltage.

External signals in the range 0-10V can be applied to the front panel BNC connectors allowing remote control of the unit from a voltage source or D/A converter.



FRONT PANEL



BACK PANEL

Product	Description
MDT 693	*3 Channel Piezo Controller*
MDE 623	*3 Channel Controller with MDE123 flexure stage - 25µm travel, 10nm resolution*
MDE 625	*3 Channel Controller with MDE125 flexure stage - 100µm travel, 50nm resolution*

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