MLZ6DT Control
ZOOM LENS, MOTORIZED
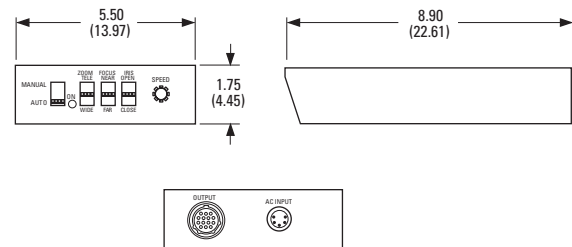
Product Features

- Solid-State Electronics
- 120 VAC Input
- Supplied with 24 VAC Wall Transformer
- For Use with Motorized Zoom Lenses
- Ideal for Simple, Hard-Wire Control Applications

The **MLZ6DT** lens control is designed to provide remote control for Pelco's motorized zoom lenses. Fully solid-state electronics provide the DC power to smoothly drive zoom, focus, and iris functions.

The **MLZ6DT** is supplied with a 24 VAC wall mount transformer power supply. Front panel switches provide control of zoom and focus functions, with optional manual control of the iris. Speed is adjustable through the front panel knob control.

The **MLZ6DT** is ideal for simple video surveillance applications (single camera and monitor).

NOTE: VALUES IN PARENTHESES ARE CENTIMETERS; ALL OTHERS ARE INCHES.

MODELS

MLZ6DT   Desktop zoom lens control module with auto/manual iris control

CONTROLS

Zoom	Paddle switch TELE/WIDE
Focus	Paddle switch NEAR/FAR
Manual Iris	Paddle switch OPEN/CLOSE
Auto Iris	Paddle switch AUTO/MANUAL
Speed	Knob adjustment
On/Off	Rocker switch
Pilot Lamp	Light emitting diode (LED)

ELECTRICAL

Input Voltage	120 VAC, 50/60 Hz
Power Consumption	3 to 6 watts
Output Voltage	±2 to 12 VDC
Circuit	Full wave power supply with solid-state drive
Power Supply	24 VAC, 400 mA wall mount transformer
Output Connector	AMP CPC type, 14 pin (mate supplied)
Cable Requirements	Four conductors plus ground; one additional conductor for manual override
Cable Distances	The following distances are approximate maximum recommended under the following conditions:

– Based on a 35 mA load at 9 VDC
– Single lens function activation
– Single common conductor in lens cable
– 10% loss in voltage at the lens motor

22 AWG (0.3 mm^2)	797 ft	(243 m)
20 AWG (0.5 mm^2)	1,267 ft	(386 m)
18 AWG (1.0 mm^2)	2,015 ft	(614 m)

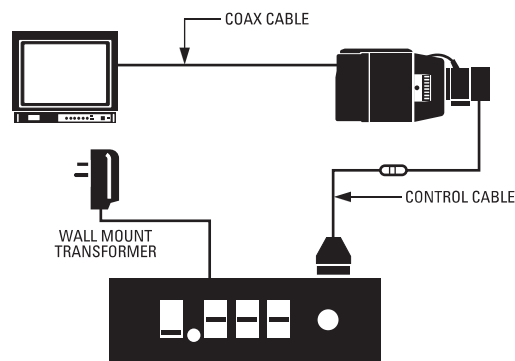**Note:** Video is limited to 500 feet on RG59/U coax cable without equalization amplifier.

GENERAL

Construction
Cover	Steel, black polyester powder coat
Chassis	Steel, zinc plated
Panel	Aluminum, black polyester powder coat with white silkscreen
Unit Weight	3 lb (1.35 kg)
Shipping Weight	5 lb (2.25 kg)

CERTIFICATIONS/RATINGS

- UL Listed
- Meets NEMA Type 1 standards

OPTIONAL ACCESSORIES

R300   Rack mount kit (1 RU) for up to three control modules.

TYPICAL CONFIGURATION