



MD-90 Series

Precision Quartz Clock

Manufactured by Mid-Continent Instruments and Avionics

MD-90

THE MD-90 SERIES IS DESIGNED FOR ACCURACY
AND IS TRUSTED BY MANY AIRCRAFT MANUFACTURERS
AND OWNERS.

Accurate time-keeping is important to an instrument pilot, and it is a requirement that a timepiece with a sweep second pointer be on board the airplane. The MD-90 Series Precision Quartz Clock is the ideal solution.

The 2-inch MD-90 Series features extremely low current draw, transient and reverse polarity protection. Each clock is manufactured to meet rugged aircraft environmental standards. With a high-quality, solid-state quartz movement and a variety of lighting options, a 12-hour analog clock is an essential part of any instrument panel.

- Precision quartz movement
- Compact 2-inch size — fits standard panel cutout
- Lighted version available with field-replaceable light tray
- Transient and reverse polarity protected
- Original equipment for many major aircraft manufacturers
- Low power consumption (3 mA)
- Continuously powered by aircraft battery
- FAA PMA certified
- Designed and built in Wichita, Kansas, USA
- One-year limited warranty

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SPECIFICATIONS

| | |
|---------------|---|
| Power Input | 8-32 VDC 3 mA max (without lighting) |
| Accuracy | ±30 seconds in 24 hrs |
| Dimensions | 2.5 x 2.5 x 3.2 inches max |
| Weight | 0.5 lbs |
| Temperature | -40°C to +82°C (-40°F to +180°F) |
| Altitude | -1,000 to +55,000 ft |
| Humidity | 0 to 95% at 25°C |
| Vibration | 02 in. dbl. ampl., 1.5g @ 5 to 50 Hz |
| Certification | FAA PMA |
| Mounting | Front or rear-panel mounted |
| Connector | #6-32 threaded terminals |

| PART NUMBER | CONFIGURATION |
|-------------|-------------------|
| MD-90-1 | 8-32 VDC |
| MD-90L | 8-32 VDC, Lighted |

