

PRODUCT SPECIFICATIONS

CPS - MA - 10

Military Altimaster Altimeter



SUMMARY

MA-10 is designed for high altitude (40,000 ft (12,200 m) MSL) military operations. Compressed scale model: Single revolution eliminates altitude confusion while maintaining the traditional Altimaster face below 8000 ft (2438 m). Linear scale model: One (1) revolution of the dial is 12,000 ft (4,000 m).

For training purposes the instrument has a simple zero function. For operational use the DZ altitude and barometric pressure may be programmed in-flight; MA-10 will display the correct AGL altitude above the DZ.

The unit is based on a stepper motor design and is extremely robust; dropping the instrument will not damage the mechanism.

The embedded software is updateable.

PRODUCT FEATURES

- Robust stepper motor mechanism
- 0-40,000 (0-12,200 m) dual scale operation
- Use in simple "zero" mode for training, or program DZ altitude and DZ barometric pressure for operational use
- Programable in-flight
- Easily accessible battery compartment (not waterproof)
- 100 hrs+ battery life (L91 AA Lithium)
- Electroluminescent backlight
- Rugged aluminum frame
- Waterproof to 6 ft (2 m) for 1 hour (note: batteries changed quickly without tools)
- One piece wrist strap, no tools required to change

Dimensions

3.27 x 3.2 x 1.37 in (83 x 81 x 34 mm)

Weight

9.1 oz (255 g)

Temperature Range

-40° to +172° F (-40° to +80° C)

Altitude Capability

40,000 ft (12,200 m)

Waterproof

6 ft (2 m) @ 1 hour

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