

Fuze Setter DM10HH



**AUTONOMOUS PORTABLE
FUZE SETTER FOR ARTILLERY**

**The continued evolution
of proven fuze setter technology**

Honeywell

Fuze Setter DM10HH

MODERN FULLY DIGITAL FUZING SYSTEM

Modern artillery and mortar systems require state-of-the-art subsystems to enable highest fire power and reliable function.

The Fuze Setter DM10HH (Hand-Held) supports these requirements with respect to fuze setting. Setting of in-service Artillery fuzes takes less than 1 second. The inductive setting principle ensures reliable and robust operation.



System Functions

- Portable autonomous fuze setter
- Two way data communication with inductive settable fuzes
- Man-machine-interface (MMI) is a self explaining menu operated with soft keys

Interoperability

- Fuze Setter DM10HH sets all fuzes which are compliant with STANAG4369 /AOP22.
- The Fuze Setter DM10HH is customized with respect to the fuzes being integrated in the fuze setter.

Data input and programming

- Operator inputs via soft keys (display & push buttons)
- Logical, self explaining menu structure for optimized data input
- Unequivocal indication of setting result on the Programming Handle (LEDs) and the Control & Display Unit (text message)
- Minimal training required

System Features

Hardware

- 2 Line Replaceable Units (LRU): Control and Display Unit (CDU) and Programming Handle
- Display with excellent visibility during day and night, adjustable brightness
- Display size (1/4 VGA) provides effective menu handling
- Battery replacement easily w/o any tool

Software

- Customized software
- Programming via external interface

Safety

- Hardware and Software Development as for Safety Critical Equipment
- Built In Test (BIT): Power on, Continuous and Initiated
- Fail Safe Mode - no fuze setting possible when fault is detected
- Request for confirmation of time setting < 10s
- History data: BIT and fuze settings / responses

System Characteristics

Programming Performance

- < 1 s for supported fuzes

Primary Power supply

- Lithium Battery

Secondary Power supply

- External 10-32VDC / 1A
- Commercial AA-Batteries with battery adapter

Interfaces

- RS-422 interface for communication with fire control system

Size

- 200mm x 160mm x 70 mm excluding connectors and programming handle
- Fixed mounting option for control and display unit (CDU)

Environment

- Standard: -20°C to + 63°C
- Extended: -46°C to + 63°C
- Immersion 1m

European Land Systems

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