

# *ResheFuze MR760*

## *Mortar Electronic Time Fuze*

The **MR760** Electronic Time Fuze is highly accurate and reliable. Compatible with a wide range of calibers; the **MR760** has manual time setting that requires no added tools. It has a detonation point that can be custom-set.



Safe



Accurate



Reliable



Delivers Top  
Performance



Battle Proven  
Electronic Fuzes

## MR760 Mortar Electronic Time Fuze

### Compatibility

60mm, 81mm, 120mm mortar bombs, at all charges, muzzle and terminal velocities. Expelling mode - for smoke and illuminating.

### Operating Modes

Time delay, point detonating.  
Electromechanical impact back-up.

### Time Delay Setting

Manually operated (no tools required),  
3.0 to 99.8 seconds x 0.1 seconds increments.

### Point Detonating

Settable, when 99.9 seconds setting is selected.  
Super quick function.

### Setting System

Digital setting.  
Positive self-locking by three setting rings.  
Unlimited setting storage time.

### Arming

By two environmental signatures:

**Set back force:** Acceleration of 400g minimum, for 1 m/sec duration minimum.

**Sustained air flow:** 30 m/sec minimum.

### Safety

**Miss-sequencing:** Prevents arming whenever "air flow" arming conditions precede "set-back" arming conditions.

**Arming Distance:** 100m from muzzle.

**Double loading:** The fuze will not function in bore at a double loading event.

**Shorted Electric Detonator:** The electric detonator are shorted until arming.

**Safety pull wire:** No use of safety pull wire.

### Temperature Conditions

**Operation:** From -40°C to +63°C

**Storage:** From -46°C to +71°C

### Physical Description

**Overall length:** 94.8mm

**Intrusion size:** 27.5mm

**Cross section diameter:** 49.3mm

**Standard thread size:** 1.5"-12 UNF-1A  
(can be changed due to customer request)

**Weight:** 0.3kg

### Military Standards

**MIL-STD-331:** Environmental and performance tests for fuze and fuze components.

**MIL-STD-333:** Fuze, projectile and accessory contours.

**MIL-STD-1316:** Fuze design, safety criteria.

**STANAG 4187:** Fuzing system - safety design requirements.

### Accuracy

Better than 0.1 seconds.

Standard deviation time delay, smaller than 0.1 seconds.

### Power Supply

Air driven alternator.

### Explosive Output

3g of black powder.



**MR760**

#### About Reshef Technologies

Reshef Technologies obtains three decades of experience in the development, design and production of electronic fuzes for artillery, mortar, tanks, rockets and loitering munitions.

Reshef Technologies is the main supplier of these battle proven fuzes to the Israeli Defense Forces (IDF) - one of the world's most advanced armed forces.

#### Reshef Technologies Ltd.

7 Haplada St.,  
Or Yehuda 6021807, Israel.

Tel: +972 (0)3 538 8604

www.resheffuzes.com | info@resheffuzes.com