

ResheFuze RT137

Artillery Electronic Time Fuze

The **RT137** Electronic Time Artillery Fuze is highly accurate, safe and reliable. Compatible with a wide range of calibers; the **RT137** has manual time setting that requires no added tools. It also has a point detonation that can be custom-set.



Safe



Accurate



Reliable



Delivers Top
Performance



Battle Proven
Electronic Fuzes

RT137 Artillery Electronic Time Fuze

Compatibility

For all charges, muzzle and terminal velocities.
105mm - 155mm howitzers and guns.

Expelling mode (less booster): For smoke & illuminating projectiles.

Detonating mode: For HE projectiles.

Time Setting

Manually operated, 3.0 to 199.8 seconds x 0.1 second increments.

Point Detonating

Settable, when 199.9 seconds setting is selected.
Super quick function.

Setting System

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

Accuracy

Higher than 0.1 seconds.
Standard deviation time delay, better than 0.1 seconds.

Safety & Arming

By two independent arming mechanisms: Set-back force of 50g minimum.
Spin rate of 1700 RPM minimum.

Temperature Conditions

Operation: From -40°C to +63°C
Storage: From -46°C to +71°C

Power Supply

Reserve battery.

Physical Description

Overall length:	Expelling mode fuze:	133.9mm max
	Detonating mode fuze:	151.6mm max
Intrusion size:	Expelling mode fuze:	38.3mm max
	Detonating mode fuze:	56.1mm max
Cross section diameter:	61.2mm	
Thread size:	2"-12UNS-1A	
Weight:	Expelling mode fuze:	0.70kg
	Detonating mode fuze:	0.75kg

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.

Explosive Output

Expelling mode fuze:	258mg RDX.
Detonating mode:	27g CH-6.



RT137

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.

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