

ResheFuze RT N137

Artillery Electronic Time Fuze

The RT N137 Electronic Time Artillery Fuze is highly accurate, safe and reliable. Compatible with a wide range of calibers; the RT N137 has an inductive time setting, as well a point detonation that can be custom-set.



Safe



Accurate



Reliable



Delivers Top
Performance




Reshef
TECHNOLOGIES

Battle Proven
Electronic Fuzes

RT N137 Artillery Electronic Time Fuze Compatibility

105mm - 155mm howitzers.

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

Detonating mode: For HE projectiles.

For all charges, muzzle and terminal velocities.

Time Setting

Inductive setter operated, 3.0 to 199.5 seconds x 0.05 second increments.

Point Detonating

Super quick function settable by inductive setter.

Accuracy

Better than 0.1 seconds.

Standard deviation time delay, less than 0.1 seconds.

Safety & Arming

Two independent arming mechanisms - Set-back force of 400g minimum;

Spin rate of 1700 RPM minimum.

Temperature Limits

Firing: From -40°C to +63°C

Storage: From -46°C to +71°C

Physical Description

Overall length:	Expelling mode fuze: 133.9mm max
	Detonation mode fuze: 151.6mm max
Intrusion depth:	Expelling mode fuze: 38.3mm max
	Detonation mode fuze: 56.1mm max
Cross section diameter:	61.2mm
Thread size:	2"-12 UNF-1A
Weight:	Expelling mode fuze: 0.70kg
	Detonation 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 fuze:	27g CH-6 or A5.



RTN137

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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