

Coil Accelerator 2021 Manual

WARNING

Please follow the basic safety principles

- Always treat it as if it is loaded.
- Never let the muzzle point at anything that you are not willing to destroy.
- Keep your finger off the trigger until your sights are on target and you have made the decision to shoot.
- Be sure of your target and what is behind it.

High voltage requires the use of plastic housing for safety. In its present form the coilgun will not survive drops onto hard surfaces.

Features

- Near silent operation
- Adjustable rate of fire
- Adjustable velocity
- Smokeless
- Single component projectile
- Great stopping power
- 2400 rounds per minute rate of fire
- 5 minute auto shut down

Specifications

Weight: 7 lbs

Size: 18.8"x 7" x 2.1"

Magazine capacity: 50 (25x2)

Firing modes: Full-auto(600rpm) and Shotgun(5 rounds@2400 rpm)

Velocity:

Low: 5.3joules @ 80fps

Middle: 11joules @ 115fps

High: 16 joules @ 138fps

Projectile weight: 0.63oz/ 275gr

Projectile energy: up to 16 joules/ 11ftlbs. (adjustable)

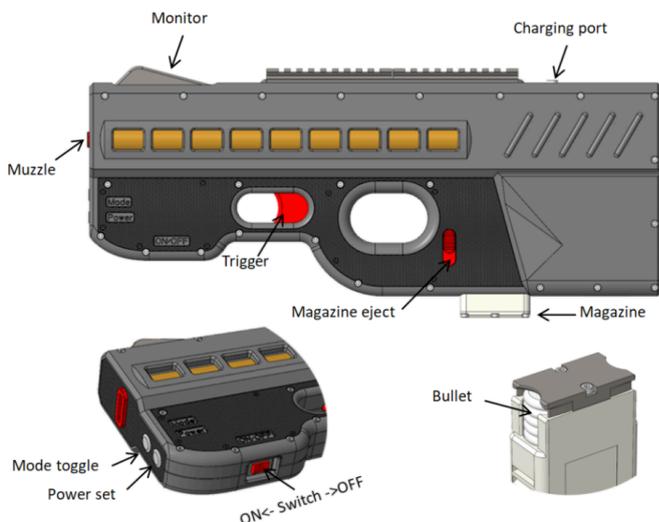
Maximum range: 40 feet

Effective range: 20 - 30 feet

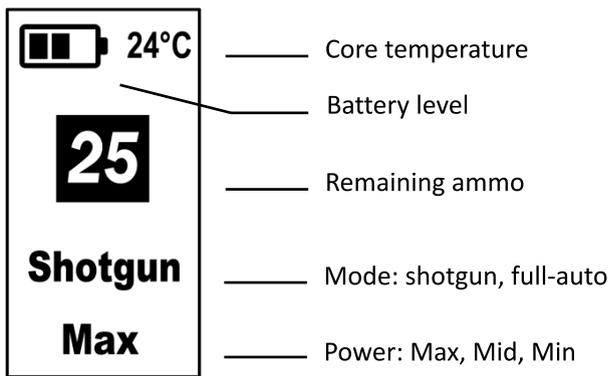
Charging time: ≈ 1 hour

Battery life: > 500 rounds per charge

Parts description



Monitor info



Removing the magazine will reset the round count indicator. Reinserting a partially filled magazine will reset the round count display to show full (25 rounds)

If the core temperature is greater than 70°C (≈160°F) the coil gun will engage semi-auto mode to prevent overheating.

Projectile

Weight: 0.63OZ, 275GR

Reuseable

If impact causes the projectile's to deform it must be filed and polished to within specification to be reused. A tool is provided to file and check any ammunition that is intended to be reused.

Troubleshooting

As long as obviously deformed projectiles are not used jamming will rarely occur.

If the magazine cannot be removed: Set unit to lowest setting, point in safe direction and discharge once.

