

THUNDER GENERATOR

For Agriculture, Airport and more

Computerized system for Bird Strike & wildlife control

The Technology

An INNOVATIVE and PATENTED technology developed in Israel, providing a CONTROLLED and SAFE method for generating strong shockwaves through gas detonation.

The effect

- ✓ The birds use the "built-in barometer" as pressure sensor for next goals:
 - navigation
 - wind direction
 - atmospheric changing
- ✓ The sudden air pressure changing as result of Shock Waves influence, cause for panic and orientation loss of the birds. They can't recognise what is the reason of this air pressure changing and immediately go away.

"Thunder generator" Main Features

- ✓ **fixed / vehicle-mounted** installations
- ✓ **automatic / manual** operation modes
- ✓ **single / multi barrel** configurations



"Thunder generator" System Characteristics

- ✓ Shockwaves travel long distances creating a High pressure Changing effect
- ✓ Programmable shockwave parameters for coverage control and wave intensity
- ✓ Up to 100 acres of coverage for a single canon
- ✓ Adjustable shot interval ranging from 1 second and up to hours
- ✓ Human-friendly remote control allows remote and safe control of the cannon
- ✓ synchronized network of cannons may be erected for larger coverage
- ✓ Reliable and efficient of the technology is very high
- ✓ Low purchase costs and simple operation
- ✓ User friendly and cheap maintenance






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No other gas cannon achieve the same results!

Comparison Chart

Effect	Thunder Generator	Gas cannon	Rifle
			
Distance	Hundreds meters	Singles meters	Decades meters
Flexibility	Very High	Very low	Very low
Power	Very High	Very limited	medium
Sequence	High and various	Single pulses	Manual operation
Network	Yes	No	No
Reliability	Very High	Very low	Very High
Life time	8-10 years	~ 1 year	Long
Maintenance cost	Very low	High	Very High

One shot's cost - 0.5 cent



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