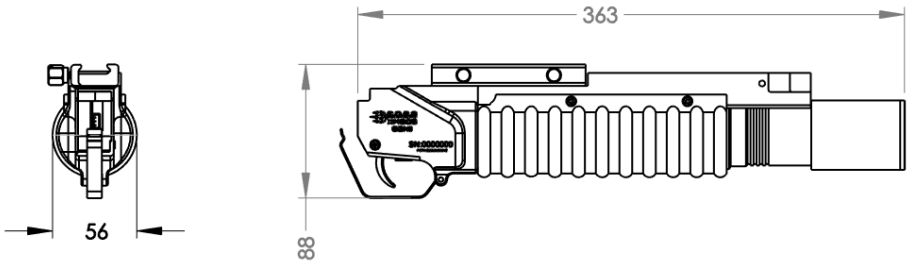
PRODUCT SPECIFICATION SHEET

RDX TECHNOLOGIES
ENGINEERED TO BE HEARD

B.O.S.S.
BALLISTIC ORDNANCE SOUND SIMULATOR
GEN II

DIMENSIONS (MM)



OVERVIEW

The XM203 B.O.S.S. Gen II produces a realistic ballistic gunshot sound by burning a small, metered charge of propane or MAPP gas. It has no barrel, bore or projectile path. It fires on an electrical signal from the host system, by direct wiring or through the optional Shot Detection Module.

HOW IT WORKS

1. **Gas storage.** A small charge of propane or MAPP is held in the unit's internal reservoir.
2. **Fire signal.** The unit receives an electrical fire signal from the host system.
3. **Metering.** A solenoid valve releases a small, measured amount of gas into the combustion chamber.
4. **Ignition.** An electronic spark igniter ignites the gas.
5. **Report.** Rapid combustion creates the pressure wave that produces the gunshot sound. Only combustion gases vent. Nothing is propelled.

SHIPPING & CUSTOMS

Projectile capability	None. Not designed or able to fire projectiles or ammunition
Condition as shipped	Empty. No gas, ammunition, pyrotechnics or energetic material
Customs description	Electronic gas-operated sound simulator
HS code	9503.00.99
Country of origin	New Zealand

SPECIFICATIONS

Product	XM203 B.O.S.S. Gen II (Ballistic Ordnance Sound Simulator)
Size (L × W × H)	363 × 56 × 88 mm
Weight	1.6 kg
Fuel	Propane or MAPP gas, single fuel (no oxygen or gas mixing)
Shots per charge	2,000+
Refilling	From a standard 400 g cylinder via adapter
Sound output	140–150 dB (approx.). Hearing protection required
Safety distance	Keep unprotected personnel at least 5 m away
Rate of fire	User adjustable, 1–1,200 rpm
Power supply	7–15 VDC external
Current draw	2.5 A per shot; <20 mA standby
Control input	B.O.S.S. cable (+ / – / signal) or Shot Detection Module (optional)
Indicators	Status LED
Environmental	IP64
Cold weather	Optional B.O.S.S. seals for temperatures below 0 °C
Patent	PCTNZ2016050042

Safety: Hearing protection required. Keep unprotected personnel at least 5 m away.

Specifications are subject to change without notice.

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