



## Earworm Farm Weapons of Mass Distraction, 2005

Surveillance and research have revealed that the Earworm Farm program is cover for a secret underground operation: Earworms – small pieces of highly infectious sound or music – are being created and propagated with the intention to manipulate individuals and groups. Hidden beneath an amish farm building lies a vast subterranean bunker with two main floors housing a research laboratory and manufacturing facilities:

### Research Laboratory

Led by Prof. Dr. Roman Kirschner, the core development within the lab focuses on the Lunik 250 EarwormCollider. This powerful device for the collision of musical patterns is used to create new breeds of earworms.

### Manufacturing facility

Led by Dipl. Inf. Tilman Reiff and former hit producer Volker Morawe, the fab provides all means to develop and produce a broad range of devices for the unrequested propagation of earworms.

According to our knowledge, Earworm Farm poses a serious threat to administration and public safety. The records on display document the developments within the Earworm Farm program.



## LUNIK 250

### Musical particle accelerator - Earworm collider

With operation as easy as a conventional microwave oven this device has the potential to breed some very effective earworm species. Two earworms are being accelerated inside the rotating accelerator tube within the radiation chamber of the EarwormCollider. Their musical form destabilizes and they are re-synthesised according to the pattern of the microwave field. The merging process can be controlled by adjusting time and power of the microwave-field so a potentially indefinite number of earworms can be bred.

#### Technical Data

Power:	2500 W
Pattern Format:	MIDI
Pattern Slots:	8
Sound Generator:	Music Sythesizer
Width:	46 cm
Height:	38 cm
Weight:	4300 grams
Supply Voltage:	230 V DC



## SEWP-12.1 Semiautomatic Earworm Pistol 12''

Lightweight semiautomatic machine pistol with 12 seconds sample time ideally suited for close combat encounters, personal security and self-defense. Small size and weight make it the ideal companion in any situation: Earworms can be recorded directly into the device through the built-in microphone and repeatedly played by pulling the trigger. The megaphone-shaped barrel allows for precise propagation of the earworm.

### Technical Data

Range:	10 m
Length:	35 cm
Height:	15 cm
Weight:	360 grams
Output-Power:	8 W
Sample Rate:	22,4 kHz
Sample Slots:	1
Total Sample Time:	12 seconds
Supply Voltage:	4,8 V
Power Supply:	4 rechargeable AA batteries



## AEWAR-12.1 Automatic Earworm Assault Rifle 12''

The fully automatic earworm rifle is especially designed for situations where long-distance and high hit-rates are demanded. The earworm is recorded directly into the magazine, multiple magazines allowing for quick change of assault tactic. The built-in target-laser and night-vision spotlight makes aiming easy even under bad visibility conditions. An extendable butt (not pictured) enables fatigue-free handling and the pressure-chamber-speaker satisfies with high range and precisely directed propagation.

### Technical Data

Range:	100 m
Length:	47 cm (73 with extended butt)
Height:	33 cm
Weight:	1920 grams
Output-Power:	8 W
Sample Rate:	22,4 kHz
Sample Slots:	1 per magazine
Total Sample Time:	12 seconds
Supply Voltage:	4,8 V
Power Supply:	4 rechargeable AA batteries



## AAV-1 Audio Attack Vehicle v.1

The desert-dog among the earworm propagation devices: Again, earworms with a duration up to 12 seconds can be recorded and fired, but this time everything can be operated remotely with the multipurpose helmet-remote-control. The low weight and durable construction combined with the high velocity of the vehicle make this device ideally suited for surprise attacks in all-terrains. The deployable radius is only limited by your imagination and the field of vision.

### Technical Data

Range:	50+ m (field of vision)
Dimensions:	35 x 23 x 25 cm (L x W x H)
Weight:	2080 grams
Output-Power:	15 W
Sample Rate:	22,4 kHz
Sample Slots:	1
Total Sample Time:	12 seconds
Supply Voltage:	7.2 V
Power Supply:	high capacity batterie



## EWGL-1 Earworm Grenade Launcher v.1

Technically the most advanced development within the Earworm Farm program. This caterpillar-driven tank is extremely agile and can be stopped by almost nothing. It is equipped with an on-board camera and a grenade launcher with a range of approx. 3 meters. The grenade is loaded before deployment (max. earworm duration 12 seconds) and the vehicle can be guided into the target area by remote control. The camera signal is radio-transmitted and gives the vehicle an extraordinary broad reach. Upon arrival at the target site the grenade is launched by pressing a button on the remote control and the earworm is triggered and looped on impact.

### Technical Data

Range:	100+ m
Dimensions:	34 x 30 x 40 cm (L x W x H)
Weight:	4040 grams
Output-Power:	8 W
Sample Rate:	22,4 kHz
Sample Slots:	1
Total Sample Time:	12 seconds
Supply Voltage:	12 V
Power Supply:	accumulator battery



## EWM-12 Earworm Mine 12''

Multipurpose vibration triggered Earworm Mine with adjustable sensitivity. The workhorse within the Earworm Farm program. Small size and weight of the mine allow for an endless range of applications in urban and natural environments. The continuously variable vibration sensor can detect even the smallest agitation. The backside shows openings for record-button, microphone and control-LED. The mine can be (dis-)armed by rotating the lid. Special colors and patterns are available.

### Technical Data

Range:	10 m
Dimensions:	10 cm x 4 cm (D x H)
Weight:	180 grams
Output-Power:	8 W
Sample Rate:	22,4 kHz
Sample Slots:	1
Total Sample Time:	12 seconds
Supply Voltage:	4,8 V
Power Supply:	4 rechargeable AA batteries