

MINATOR



TIME AND RADIO CONTROLLED INITIATOR SYSTEM

Simple and safe handling • Single Use and low cost • Light weight • Command and Control detonate explosives • Encrypted bidirectional digital radio link • Compact design • Full real time control of initiation • Controlled Line of sight (LOS) communication up to 1 km • Military Standards



RCC RADIO CONTROL COMMANDER



TRCI TIME AND RADIO CONTROLLED INITIATOR

TCI TIME CONTROLLED INITIATOR



TAG

Time controlled with countdown defined by MINATOR safety Tag.

MINATOR is designed as a military device for infantry, special forces and engineer use.

- MINATOR ensures simple and safe handling
- Single Use and low cost
- Light weight
- Command and Control detonate explosives
- Encrypted bidirectional digital radio link
- Lightweight and compact design
- Full real time control of initiation
- Controlled Line of sight (LOS) communication up to 1 km
- Operating temperature from -46°C to +71°C
- Waterproof down to 30 meters

In accordance with NATO doctrine

Freedom of movement

Counter-Mobility

Survivability

C2
(Human-In-The-Loop)

Compatible with		
Nordisk/ Finnish	NATO	Europa
Group 1	Type NT, A, S NATO-L1A2	Class 1
Group 1A / B	Type F, U	Class 2
Group 2 / C	Type VA	Class 3
Group 3	Type HU, XS	Class 4



Tactical MILENG - Special tasks carried out under combat conditions

- Demolitions by use of explosives
- Clearance of natural obstacles
- Assault of fortifications
- Reduction of enemy obstacles
- Support in the field of EOD / EOC / IEDD
- Entering building by explosives
- Destroying bridges
- Creating obstacles in defence
- Conduct breaching during offense
- Demolishing enemy structures by explosive charges
- Support in urban operations
- Hinder adversary's manoeuvre by turn, block, fix and disrupt
- Setting and controlling decoys



LAW ENFORCEMENT

- Tactical entry operation like opening doors, windows and others
- Explosive breaching
- Radio controlled smoke, flashbang charges and irritant gas
- Risk minimize
- Specialised IEDD operation



Designed to Military Standards:

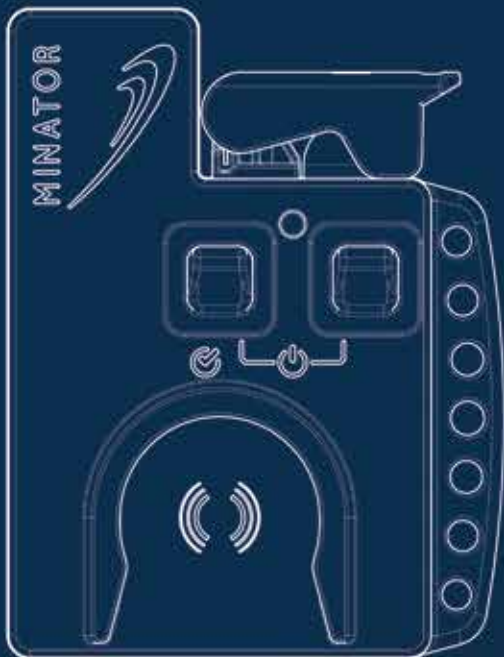
- MIL-STD-810F
- MIL-STD-461E
- MIL-STD-331C
- MIL-STD-1316
- STANAG-4187
- STANAG-4157

Combat Divers

- Military Mine Clearance Divers for clearing mines and other explosives underwater
- Underwater destruction of enemy infrastructure
- Underwater obstacles clearance by explosives during amphibious assault operations

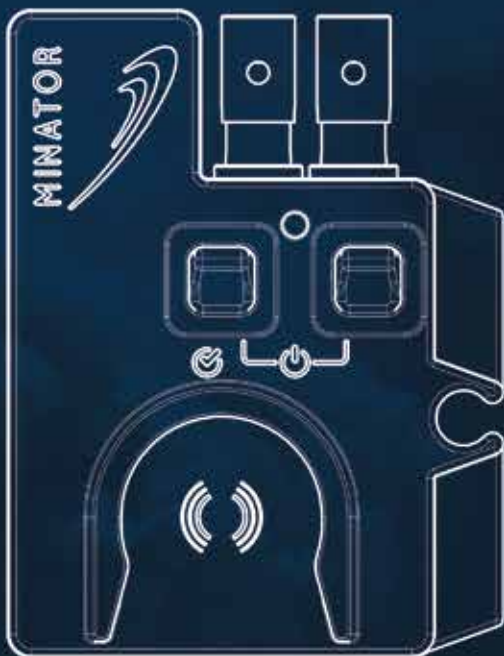


Technical Datas



MINATOR RCC RADIO CONTROL COMMANDER

Operating time	5 firing sequences of TRCI
Battery	1 pc. 2/3A, lithium
Available frequencies	868 MHz, other frequencies on request
Communication range	up to 1 km LOS (line of sight)
Operating temperature	-46°C to +71°C
Storage temperature	-55°C to +85°C, long time storage at +10°C to +30°C for maximum lifetime of battery
Waterproofness	down to depth of 1 meters
Housing	silicon / polycarbonate
Colour of housing	RAL 9005 black, dark grey
Dimensions	90 x 60 x 22,5 (25) mm (Length, Width Height)
Weight	150g



MINATOR TRCI TIME AND RADIO CONTROLLED INITIATOR

Arming safety time	1 minutes up to 15minutes ±5% (±10% at 1 minute)
Operating time	24 hours in radio controlled use, 10 days in timed controlled use
Output energy	fires 1 pcs group 1A (type F), group 2 (type VA) or group 3 (type XS) detonator
Battery	1 pc. 2/3A, lithium
Available frequencies	868 MHz, other frequencies on request
Communication range	up to 1 km LOS (line of sight)
Operating temperature	-46°C to +71°C
Storage temperature	-55°C to +85°C, long time storage at +10°C to +30°C for maximum lifetime of battery
Waterproofness	down to depth of 30 meters
Housing	silicon / polycarbonate
Colour of housing	RAL 9005 black, dark grey
Dimensions	90 x 60 x 22,5 (25) mm (Length, Width Height)
Weight	150g