



e!DET

An electronic detonation system



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☰ Description of the system

e!DET is an advanced, modern system for initiation of explosives. The system is characterized by reliability and precision in timing the delay of detonation, thanks to which, it can be applied in mines, quarries and during demolition works.

e!DET system consists of three main components:

- ✓ **Logger** – a programming device, which allows to create technical data necessary for the execution of blasting (blast pattern) and to program a network of detonators,
- ✓ **Blaster** – a device used for verification of the shooting line connection, charging and triggering detonators,
- ✓ **Detonator** – a primer with a delay electronic module.

☐ Functionality

- ✓ Full control of the shooting line
- ✓ Up to 500 detonators in one line controlled by Logger and Blaster
- ✓ One blast pattern containing up to 4000 detonators (with simultaneous connection of 8 Blasters)
- ✓ Freely programmable delay of detonation in range 0-8000 ms, with 1ms interval
- ✓ Verification of the shooting line before charging
- ✓ Stored information about blasting
- ✓ Two-way communication between Logger and detonators
- ✓ Two-wire shooting line
- ✓ Wireless communication between Logger and Blaster
- ✓ Ability to create blast patterns via PC computer by means of dedicated software or directly via programming device

