COMPONENTS & CAPABILITIES

1. The SmartShot Electronic Detonator features precise programmable delay timing and robust green wire with large water-resistant surface connectors. Hook-up is easy: the male connector of one unit simply snaps into the female of the next.

2. The SmartShot String Starter is connected between the blast and the Bench Box to interface 2-wire with 4-wire communication. It also helps to quickly and easily identify faults.

3. The SmartShot End Plug is connected to the last detonator in each string of detonators to indicate the end of a string to the control equipment.

4. The SmartShot Tagger (pictured on cover) is a user-friendly, hand-held unit that tests and assigns timing to individual detonators (or strings of detonators) and defines the hole configuration.

5. The SmartShot Bench Box is the receiver unit that allows remote firing underground. It interfaces with the leaky feeder remote unit to receive signals from the Base Station and passes them on to the detonators to initiate the blast. If preferred, the system can be hardwired instead. A connection box, stored inside the Bench Box, has terminals to attach the 2-wire lead to the String Starters.

6. The SmartShot Base Station connects to the leaky feeder head-end unit on surface and utilizes the mine’s leaky feeder to wirelessly connect to the Bench Box underground. The password protected Smart Key must be inserted into the Base Station in order to arm and fire the shot.

SmartShot is a reliable, full-featured Electronic Initiation System, with wireless leaky feeder remote firing capability, that fires up to 2400 detonators with electronic precision.
**SMARTSHOT SYSTEM BENEFITS**

- **More control** of vibration, mill throughput and operational efficiencies are possible with the fully-programmable SmartShot electronic initiation system.

- **Easy-to-use** water resistant connectors are robust and facilitate quick hole-to-hole connections. Sections of the blast can be connected by multiple users at the same time. Logical step-by-step software keeps training time to a minimum.

- **Wireless Remote Blasting** allows the blast to be initiated from the surface using leaky feeder interface equipment.

- **Blast Design Flexibility** is achieved with multiple programming options to suit specific applications. From one point in the string, users can individually program every hole, auto-program strings of detonators, or use a combination of the two. Detonators can be programmed on deployment or after the entire shot is connected.

- **Security** is integrated into the system. SmartShot hardware and software is password protected, requires a SmartShot-specific Smart Key and uses a coded signal to fire the blast.

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SmartShot™ is a registered trademark of DetNet South Africa (Proprietary) Ltd.

Meglab provides Dyno Nobel with specialized leaky feeder interface equipment.