



DIGISHOT®

Electronic Initiation System

PROPERTIES

DIGISHOT®

Detonator Shell	Copper
Cable Color	Red
Tensile Strength	>500 N / 50 kg
System Operating Temperature	-40° to +80 °C
Detonator Strength	#12
Net Explosive Quantity	0.10 kg
Max. Delay	20,000 ms
Max. Detonators per Blaster	600
Max. Surface Wire Length	2.5 km

HAZARDOUS SHIPPING DESCRIPTION

Detonator, electronic, 1.4B UN0512



HAZARDOUS SHIPPING DESCRIPTION

Detonator, electronic, 1.4S UN0513



PRODUCT DESCRIPTION

The DigiShot® electronic initiation system is an easy-to-use, reliable accurate electronic initiation system primarily for use in small surface blasting applications. Its flexibility caters for a wide range of specialized blast configurations to optimize blast results.



APPLICATION RECOMMENDATIONS

- Due to the system's flexibility, contact your local Dyno Nobel representative for application recommendations.

COSTUMER BENEFITS

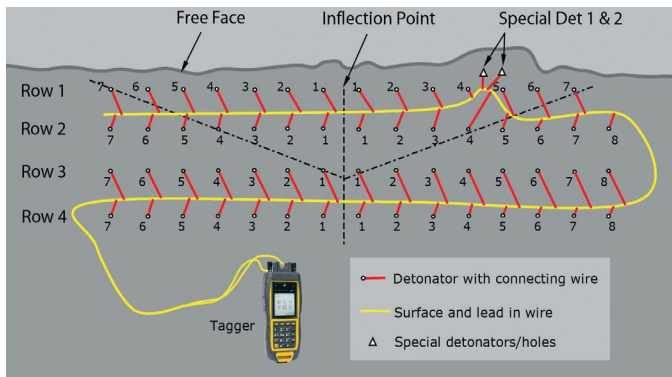
- Accurate timing enables customers to achieve a variety of benefits ranging from better fragmentation to improved crusher throughput to happier neighbors resulting from decreased Peak Particle Velocity (PPV) and/or improved frequencies
- Easy to use, menu-driven software
- Minimal on-bench components just the electronic DigiShot® detonator (in the blast hole) and a 2-wire busline on the pattern
- Flexible tagging options makes the blast loading and hookup process easier and more efficient
- The delay timing is now stored in the detonator with the capability of reassigning delays with a push of a button
- Delay timing is the choice of the blaster: auto-programmed (easier, time-saving, decreased error) or fully programmable (facilitates the use of virtually any delay scheme)
- The CE4 Ranger has a built in antenna with a range of 3 km



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HOOKUP DIAGRAM



UNIQUE FEATURES

- **Intelligent Memory:** Detonator location and delay data are stored in non-volatile memory. Supports on-bench delay assignment and automatic functionality checks during the tagging process.
- **CE4 Tagger:** A lightweight, handheld tool designed for rapid borehole and delay assignment with minimal keystrokes. Enables testing of individual detonators or the entire circuit prior to blast initiation.
- **Safe Operations:** Used in conjunction with the CE4 Ranger, the Tagger facilitates remote initiation from a safe location via intuitive, menu-driven software.
- **Enhanced Security:** The CE4 Ranger features password protection and requires a specific, encrypted Blast Card and a dedicated fire command to authorize initiation.
- **Industrial Durability:** Features rugged, water-resistant connectors. Fully compliant with CEN/TS 13763-27 European standards for ESD, RF, cable abrasion, and cutting resistance.

DIMENSIONS

DIGISHOT® - 1.4B UN0512

Detonator Length	Number of Detonator /Box	Box Dimension L x W x H - mm
6,1m - 30ft (min)	136	530 x 340 x 300
74,7m- 245ft (max)	20	

DIGISHOT® - 1.4S UN0513

Detonator Length	Number of Detonator /Box	Box Dimension L x W x H - mm
6,1m - 30ft (min)	64	537 x 347 x 287
74,7m- 245ft (max)	10	

* Contact a Dyno Nobel consultant for lengths outside 6,1 m - 74,7 m.

TRANSPORTATION, STORAGE AND HANDLING

- DigiShot® must be transported, stored, handled and used in conformity with all federal, state, provincial and local laws and regulations.
- For maximum shelf life (5 years), DigiShot® must be stored in a cool, dry, well-ventilated magazine. Explosive inventory should be rotated. Avoid using new materials before the old. For recommended good practices in transporting, storing, handling and using this product, see the booklet "Prevention of Accidents in the Use of Explosive Materials" packed inside each case and the Safety Library Publications of the Institute of Makers of Explosives.

ADDITIONAL INFORMATION – Visit nitromak.com or dynonobel.com for Brochures and Case Studies related to this product.

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