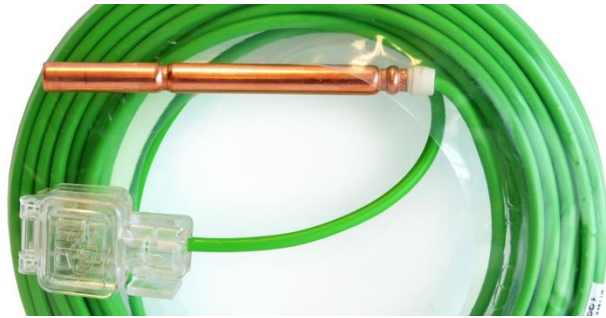


# DigiShot® Plus

## Technical Information



### Product Description

DigiShot Plus is Dyno Nobel's most recent addition to its electronic initiation system product portfolio. In addition to accurate timing benefits, quick deployment with robust downline wire and all-weather surface connectors, DigiShot Plus is truly flexible, user friendly and fully programmable. The detonators can be connected to the busline in any convenient order ... not just the firing order! The DIGISHOT PLUS electronic initiation system also provides these additional features –

- Remote firing capability
- Tag-on-connect
- The ability to initiate larger blasts (up to 9,600 detonators)
- ViewShot™ PC based blast design software enables timing patterns to be downloaded directly from the PC into the Bench Box.

With safety always Dyno Nobel's number one priority, the DigiShot Plus Tagger (used on the bench for testing and assigning locations to individual detonators) is inherently safe and does not produce sufficient voltage to fire the detonator. In addition, the DigiShot Plus detonators are fully testable with two-way communication which facilitates easy fault identification and repair. Individual detonators, strings of detonators or the entire pattern can be tested prior to connection to the blasting machine.

### Properties

Detonator Shell	Copper
Cable Colour	Green or Black with coloured stripe
System Operating Temperature (range)	-20°C to +80°C (+100°C for 12 hours maximum)
Detonator Strength	#12
Net Explosive Quantity (per 100 units)	0.1000kg
Fibb Block	Optional
Maximum Delay	20,000 ms 10,000 ms for +100°C)
Maximum Detonators per Blaster	9,600 (synchronised 4 x Bench Boxes) (100 per channel for +100°C)
Maximum Surface Wire Length	2.5km

### Hazardous Shipping Description

Detonators, Electric, for Blasting 1.4B, UN 0255



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## Customer Benefits

**Electronic accuracy** enables customers to achieve a variety of benefits ranging from better fragmentation to improved crusher throughput to happier neighbours resulting from decreased Peak Particle Velocity (PPV) and/or improved frequencies.

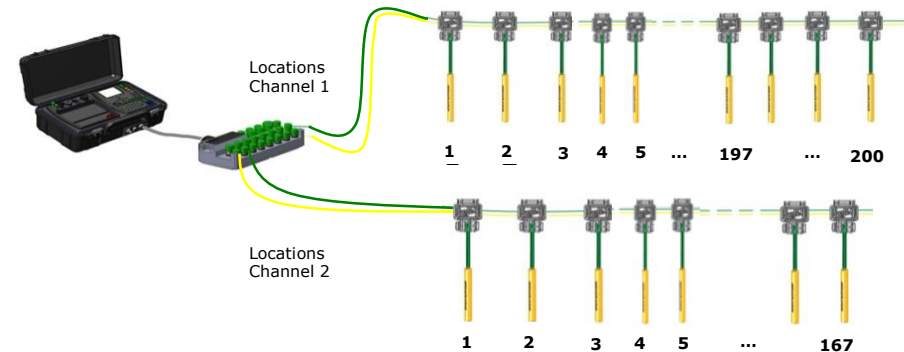
- A DigiShot Plus blast can be initiated using the **remote firing (RF) wireless feature or the hard-wired initiation.**
- **Easy to use** menu-driven software.
- With Dyno Nobel's **ViewShot PC-based blast design software**, blast designs and timing can easily be transferred from the PC to the Bench Box.
- The blast design can be pre-loaded into the Bench Box while separated from the detonators, or after connection from a safe location.
- **Minimal on-bench components** ... just the electronic DigiShot Plus detonator (in the blast hole) and a 2-wire busline on the pattern.
- The DigiShot Plus Tagger assigns a **detonator location** to each detonator when it is loaded and tested in the borehole. The **fully programmable DigiShot Plus** system allows each detonator's delay to be determined individually but also offers an automated delay assignment process.

## Application Recommendations

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

## Packaging

Length (m)	Case Quantity	Case Weight (kg)
9	84	12.9
15	60	14.0
18	52	14.6
24	40	15
30	32	14.9
37	24	13.5
46	20	16.2
55	16	15.5
75	15	17.2



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## Safe handling, transportation and storage

**First Aid** – You can find detailed first aid information on the relevant Dyno Nobel Safety Data Sheet. Refer to [www.dynonobel.com](http://www.dynonobel.com) for more information if required.

**Safety** - All explosives are classified as dangerous goods and can cause personal injury and damage to property if used incorrectly.

**Transportation and Storage** - For maximum shelf life (5 years), DigiShot Plus must be stored in a cool, dry, well ventilated magazine. All explosives must be handled, transported and stored in accordance with all relevant regulations. Stock should be rotated such that older product is used first.

**Product Disclaimer** The explosive products discussed in this document should only be handled by persons with the appropriate technical skills, training and licences. While Dyno Nobel has made every effort to ensure the information in this document is correct, every user is responsible for understanding the safe and correct use of the products. If you need specific technical advice or have any questions, you should contact your Dyno Nobel representative. This information is provided without any warranty, express or implied, regarding its correctness or accuracy and, to the maximum extent permitted by law, Dyno Nobel expressly disclaims any and all liability arising from the use of this document or the information contained herein. It is solely the responsibility of the user to make enquiries, obtain advice and determine the safe conditions for use of the products referred to herein and the user assumes liability for any loss, damage, expense or cost resulting from such use. © DYNO, GROUNDBREAKING PERFORMANCE and the Loop device are registered trademarks of the Dyno Nobel / Incitec Pivot Group. ® DigiShot is a registered trademark of DetNet South Africa (Pty) Limited. ™ViewShot is a trademark of DetNet South Africa (Pty) Limited. © Dyno Nobel Asia Pacific Pty Limited 2018 Reproduction without permission strictly prohibited.