

digishot XR^Φ



THE ULTIMATE DETONATOR
FOR EXTREME RESULTS

About DigiShot® XR

DigiShot XR is a wired electronic detonator designed for dynamic shock resistance. Its tailored technologies match unique blasting and geological conditions, creating a robust solution for all environments. With extreme shock and EMP resistance, DigiShot XR is ideal for the quarry, open-cut, civil, and construction industries.



Features

- Extreme shock resistance
- Resistance to electrostatic discharge (ESD) and electromagnetic pulse (EMP)
- High-accuracy timing
- Works seamlessly with the Ranger electronic initiation system
- Fit-for-purpose tagging option for improved operational efficiency

Holistic Shock Solution

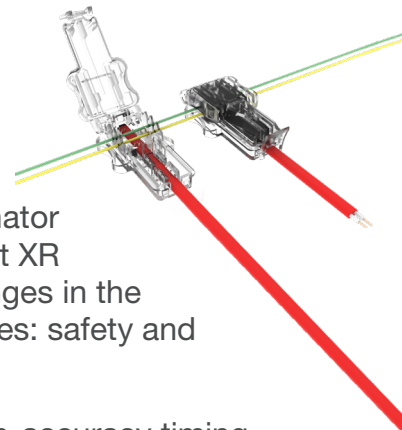


Through designed stress relief, precise component placement, and material selection, DigiShot XR performs in even the most challenging conditions. For a holistic shock solution, pair DigiShot XR with Dyno Nobel's TROJAN® SHIELD® Cast Boosters.

The patented internal sleeve of the TROJAN SHIELD Cast Booster combines with DigiShot XR's robust design to provide the ultimate layer of dynamic shock protection. In normal operations, challenging geologies, or high-shock environments, DigiShot XR and TROJAN SHIELD are the ideal combination to ensure all blasts are executed flawlessly.

Benefits

DigiShot XR provides the dynamic shock and EMP resistance necessary for safe, effective blasting. In high-dynamic shock environments where detonator failure is possible, DigiShot XR addresses two key challenges in the mining and quarry industries: safety and operational efficiency.



DigiShot XR offers the high-accuracy timing only possible with electronic detonators. This timing accuracy allows for improved control of airblast, vibration, and uniform fragmentation. DigiShot XR also features end-of-line testing to confirm the energy level is sufficient for initiation, ensuring the integrity of the firing line.

Dynamic Shock Pressure

- Greater mechanical clearance
- Attenuation mechanism

Operational Efficiency

- Improved manufacturing reliability
- Increased EMP resistance
- Tailored shock resistance

Acceleration

- Smaller component area
- Component placement
- Designed stress relief