Austin Powder E*Star Seismic electronic detonators have been designed for precise control, necessary in producing accurate and consistent seismic records.

Our E*Star Seismic detonator can be programmed in 1-millisecond increments from 1ms to 10s. using the dedicated DLG 1600-100-S Logger. With a unique serial number attached to each E*Star Seismic detonator, each one can be easily traced.

Its 750 mg PETN base charge far exceeds that of a standard #8 strength detonator. They are the explosives industry’s most user-friendly, yet ruggedly durable electronic seismic detonator.

Austin Powder E*Star Seismic detonators feature advanced pre-fire diagnostics coupled to the communication protocol, and have been designed to fire pattern shots (up to ten detonators) simultaneously. Its legwire features HDPE insulation for added protection from current leakage. (0.8 mm diameter copper wire – #20 AWG).
USAGE

E*Star Seismic Detonators contain a capacitor, a logic and timing circuit, and pyrotechnic ignition system manufactured by Special Devices Inc. This electronic ignition module is integrated with Austin Powders’ detonator technology to provide a complete unit. When the capacitor is charged by the DBM 10-S Digital Blasting Machine, the internal capacitor provides the energy that initiates the “bridge wire” and subsequently detonates the base charge.

The use of this system requires specific training in all components. This training is in addition to the normal, required training that all blasters and blasting personnel have received.

Only equipment specifically designed for use with Austin Powder E*Star Seismic detonators is permitted. The currently approved equipment is a DLG 1600-100-S logger and a DBM10-S Digital Blasting Machine manufactured by Dan-Mar Co. Inc. An operators manual is to be available at all times when using this equipment.
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Disclaimer of Warranties and Limitations of Liabilities *Products described in this bulletin are sold by Austin Powder Company without warranty; express, implied or statutory or as to MERCHANTABILITY, except as expressly stated in Austin Powder’s straight bill of lading. Under no circumstances shall seller be liable for loss of anticipated profits, consequential damages or incidental damages.*
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WARNING:
The DBM10-S Digital Blasting Machine is designed for use only with E*Star Seismic detonators. 
**DO NOT ATTEMPT** to use this blasting machine with any other detonator. The misuse of this blasting machine with standard electric detonators may result in instantaneous detonator initiation.

STORAGE
Store in accordance with all applicable local, state, provincial and federal laws.

SHELF LIFE
Use within five years from date of manufacture under good storage conditions.

UN CLASSIFICATION
Shipping Name: Detonators, Electric
Class & Division: 1.4B
ID Number: UN 0255

**DOT REFERENCE NUMBER:** EX-0103067

For more information and service locations in your area, please contact:

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