



# PRODUCT INFORMATION

## BROCHURE

# E★STAR

## Remote 2.5i



**E★STAR Remote 2.5i** represents the most advanced method of a remote blast initiation. The Remote 2.5i units can be set up as Wired Blasting Machine, Wireless Blasting Machine, Remote Control transceiver. Up to 8 units can be connected as Blasting Machines to one Remote Control unit. The system can fire up to 12,800 detonators. The System can be setup to operate in single Fire, multi-system Delay Fire and multisystem Synchronous firing modes. The system is operated by the Austin Powder proprietary software installed in a tablet. The maximum distance is 3.2 km line of sight.

## PRODUCT OVERVIEW

### BENEFITS

- Up to 8 units controlled from one remote spot
- Secured encrypted connection
- Custom firing sequence
- Intuitive, easy to use interface
- Controlled through tablet
- 3.2 km range

### BLASTING VERSATILITY

- Single Fire mode for up to 1,600 dets
- Multiple-system Delay fire for up to 12,800 dets
- Synchronous firing mode for up to 12,800 dets
- Extended blast duration

## STANDARD TECHNICAL DESCRIPTION

Name / Type	E★STAR Remote 2.5i
Weight	7,260 g (one unit)
Size	361 x 290 x 165 mm
Case	Injection Molded HPX™ high performance resin
Battery (one device)	9 Cel, 10 AHR, NiMH (rechargeable), built-in, field replaceable
Charging	Main charger (100 – 240 V; 50 – 60 Hz)
Car charger (11 – 16 V system)	50 mA (programming), 150 mA (verification)
Operation voltage	42 +/- 5%
Network type	5 Watt VHF Radio system. Programmable Frequency range 136MHz to 174MHz
Antenna options	Rubber duck, Extendable wip, Magnetic mount
Range (depending on terrain and obstructions)	Up to 3.2km (2 miles)
Temperature range for application	from -20 °C to +60 °C
Temperature range for application - extreme	from -30 °C to +85 °C for max 1 hour
Storage condition	from 0 °C to +40 °C; R.H. max. 80%
Water and dust resistivity	IP67 with Lid Closed
Durability (Drop)	1.5 meter, 6 axis
Operating Time out	2 Hours time delay to shut down without communications
Operational and Functional capacity (25°C Nominal)	9x Verify, Charge and Fire cycles of 1,600 E★STAR Detonators, 200mA Leakage current
Operational Modes	Wired Blasting Machine, Wireless Blasting Machine, Remote Control transceiver
Muti-Use firing Modes	Selectable single Fire, multi-system Delay Fire and multisystem Synchronous firing modes
Synchronous Firing Accuracy	Sub-Millisecond accuracy, < 300uS x 2 system, < 600uS x 4 system

## ACCESSORIES

Each E★STAR Remote Unit is supplied with directional antennas and a tablet for control

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