

# 12 VOLT SINGLE BEAM BARRIER SYSTEM

The **Control Master®** 12 Volt Single Beam Laser Barrier system has been designed for underground remote mining applications (see footnote for surface mining application). Remote mining areas with a single entry need to be guarded from mining personnel and machines entering/exiting the area. The system utilises a class two laser module to maintain a safe remote zone.

The **Control Master®** 12 Volt Single Beam Laser Barrier system operates on 12 volts to provide greater portability and lower power consumption. When correctly aligned and clear from obstruction, the LED light on top of the barrier eye modules will come on, then the system can be set by pushing the reset button. All barrier LED's should change from red to green. Once set, power is supplied to the remote control transmitter allowing normal remote operation.

If a beam is broken, power is removed from the remote control transmitter causing the machine to halt, brakes are applied and the engine is shutdown. The LED will change from green to red. Remote operation can only be resumed when the barrier is clear and the system has been reset.



Full Kit	
Part No. 7579	12V single beam barrier system
Components included in kit	
Part No. 9244	Barrier eye module
Part No. 9265	Barrier eye mount
Part No. 4097	Reflector
Part No. 8017	Bracket to suit reset unit
Part No. 8023	Loom to suit 7579 reset to power supply
Part No. 8045	Power supply to suit 7579
Part No. 8043	Reset unit to suit 7579

## FEATURES & BENEFITS

- Easy to install
- Robust components
- Portable design
- Provides a safe working area
- Reduces the risk of operator injury
- Prevents unsafe work practices

This barrier system operates using umbilical wiring and is capable of guarding one (1) entry/exit point.

Note: For surface remote mining application use Part No. 7579.

A tripod (Part No. 7775) is also required to mount the lasers.

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