

BARRIER SYSTEM KITS

The **Control Master®** Barrier systems are designed for underground remote mining applications. Entries to a remote mining area need to be guarded from mine personnel and machines entering the area, as well as, the remote machine exiting the area.

When all barriers are clear and aligned correctly, 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 barrier that has been broken will be indicated at the integrated barrier transmitter, which will change the LED from green to red. Remote operations can only be resumed when all barriers are clear and the system has been reset.

Control Master® Teleremote Personnel Carriers and Teleremote Cabins both have an integrated barrier system installed on board. Remote Control Technologies Pty Ltd (RCT) recommends the installation of a barrier system for all remote mining operations.

Underground mining application



12V Single Beam Full Kit

Part No. 7579 12V single beam barrier system

12V Integrated Umbilical Full Kit

Part No. 4720 12V Integrated Umbilical Barrier system

240V Integrated Umbilical Full Kit

Part No. 6346 240V Integrated Umbilical Barrier system

BARRIER SYSTEM OPTIONS

- Barrier detection at remote transmitter
- Customised barrier systems (available on request)

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