

## TC3 RADIO CONTROL SYSTEM

Available for continuous miners, LHD, and scoops, shuttlecars, and road headers.

**MSHA APPROVED**  
**# 18-A160002-0**

### TC3 HANDHELD RADIO TRANSMITTER

- Easily able to automate to different vehicle RVU with supervisor code
- Specifically recognizes Vehicle ID
- Proximity Detection
- Video feedback available with tablet screen attachment
- Compact, wireless controller with on screen display
- Fully water submersible
- Capable of cruise control
- Fully proportional control via eight independent toggle switches
- With data logging and data storage capability
- Designed for easy thumb control maneuverability
- Radio guard attached to protect switches in case of fall and improve handling ability

**Height:** 121mm (4.75")  
**Width:** 197mm (7.75")  
**Depth:** 57mm (2.25")  
**Weight:** .86kg (1.89 lbs)



View of transceiver on docking station



Radio Transmitter for Continuous Miner  
with 24 hours of operating time



Radio Transmitter for LHD  
with 63 hours of operating time

### TC3 COMMUNICATION OPTIONS

#### Relay Receiver



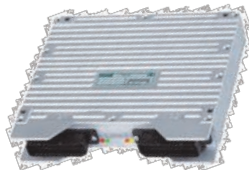
Remote Vehicle Unit (RVU) mounts on vehicle

**Height:** 292mm (11.5")  
**Width:** 241mm (9.5")  
**Depth:** 152mm (6")

#### Controller Package

- uses CANBUS communications

##### STW Machine Controller



##### CANBUS RVU



#### Master Control Module

- Used with both RVU or Controller Package



#### Antenna



- hard wired to controller inside the XP box
- Maximum power: 2 Watts
- Mounting base: 3/4" NPT
- Height 138mm (5.45")

### TC3 DISPLAY OPTIONS

Display for Continuous Miner



Display for LHD



### TC3 OPERATOR CONTROL CHAIR FOR LHDs

- For LHDs
- Operates in similar manner as Handheld Radio Transmitter
- Chair Enabler automates chair to only one loader based on unique vehicle ID code
- Air suspension with 360° rotation
- Chair assembly includes control chair, chair to RVU cable, PCB, LCD, 2 cables and 2 bulkhead connectors

