

# Radio Remote Control



**Saminco Remote Transmitter and Receiver**

**Remote Lock-out system**

- Radio Remote Control drive for Locomotives, Continuous Miners, Scoops, Haulers and Utility Vehicles
- Proportional speed and braking control
- Single Locomotive Motorman can safely control two locomotives
- Remote Transmitter serves as main operator station when docked in the vehicle
- Automatic reduced speed limit when transmitter is used off vehicle
- Fail-safe Push Button E-Stop
- Remote Lock-out system enables multiple emergency shut down locations (non-machine operator e-stop)
- Compatible with all existing Saminco control systems

## Safety Features


### Transmitter

- Key Switch:** All transmitters are equipped with a key switch. The key allows the operator to lock the transmitter when not in use.
- Self Test:** After turning the system on with the key switch, the transmitter performs a self test, confirmed with an acoustic signal. The transmitter will not operate if the self test fails.
- Neutral Starting:** Pressing the Start button activates the transmitter. If all controls are not in the off or neutral position, the transmitter will not be activated.
- Low Battery:** The transmitter constantly monitors the battery. In case of low battery, the operator will be alerted via the buzzer and an optical signal. The transmitter will send an E-stop signal before the battery reaches an unsafe level.

### Receiver

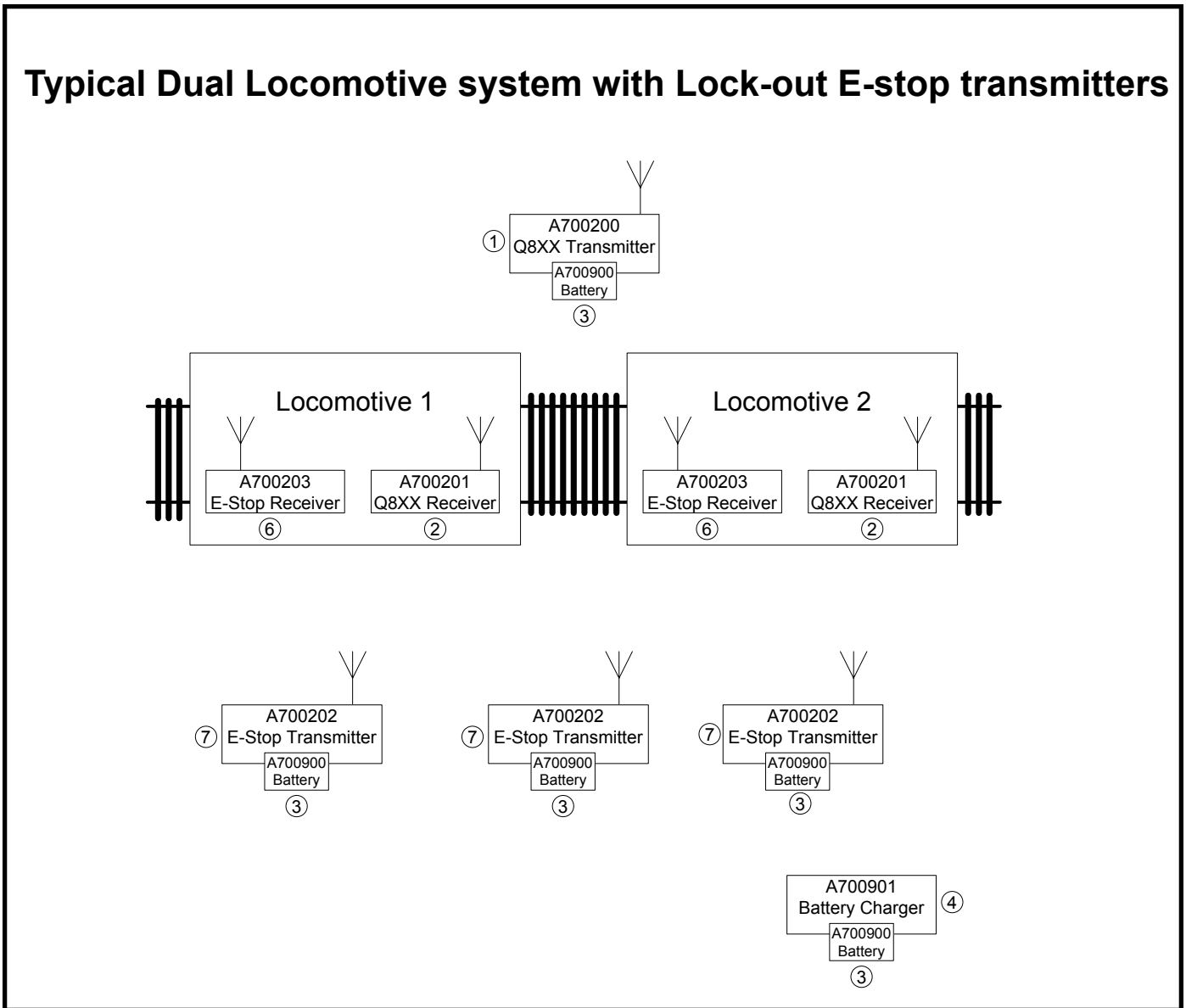
- Self Test:** After applying main power, the receiver performs self test. The receiver will not operate if the self test fails.
- Emergency Stop:** The response time for an emergency stop is 450 msec. As soon as the receiver receives the E-stop command it :
- 1) Shuts down the internal power supply to the output modules
  - 2) activates a fail-safe, self-monitoring E-stop output relay

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## Battery and Charger

Charger Power:	9—30VDC <i>or</i> 120VAC
Battery Charge Time:	< 4 hours
Battery Life:	900 charges
Battery Type:	NiMh
Battery Capacity:	1200mAH
Contacts:	Gold Plated and self-cleaning



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