Wabtec
RAILWAY ELECTRONICS

TRANLINK® II LOCOMOTIVE CAB UNIT (LCU)

The WABTEC RAILWAY ELECTRONICS TRAINLINK® II Locomotive Cab Unit (LCU) is a self-contained telemetry transmitter/receiver that provides the locomotive engineer with the displays and controls needed to monitor and operate the associated End of Train unit. The WABTEC RAILWAY ELECTRONICS TRAINLINK® II Locomotive Cab Unit (LCU) is a self-contained telemetry transmitter/receiver that provides the locomotive engineer with the displays and controls needed to monitor and operate the associated End of Train unit. Wabtec Railway Electronics is the railroad industry's most comprehensive resource for locomotive needs. With over thirty years of experience providing telemetry systems WABTEC RAILWAY ELECTRONICS TRAINLINK® II Locomotive Cab Unit (LCU) provides solutions to your End of Train monitoring needs.

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Wabtec products are subject to a continuing program of enhancement and refinement, and specifications contained herein are therefore subject to change without notice.

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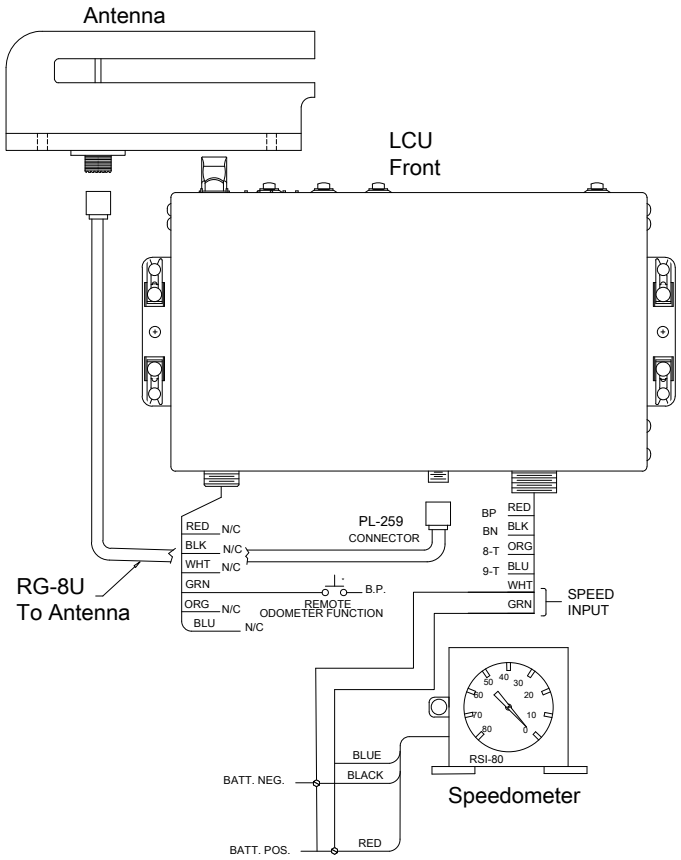
TRAINLINK® II LOCOMOTIVE CAB UNIT



The LCU provides the train crew with the following status indications and functional capabilities:

- Distance measurement referenced to the locomotive
- Last car brake pipe pressure monitoring
- Last car low pressure alarm
- Motion status (moving or stopped)
- Marker light status (on or off)
- Battery status
- Loss of communications alarms
- Automatic and manual communications test
- Rear of train emergency braking

Control switches are provided on the front panel, Four push button switches permit operation of the distance counter, test and dimming of all displays, and testing/arming of the communication channel. Also, a guarded emergency switch is used to activate rear of train emergency braking. A bank of thumb wheel switches is used to select the ID code of the (EOT) End of Train Device.

SPECIFICATIONS:

ENVIRONMENTAL
- **Temperature ambient: -40° C to 60° C**
- **Shock: any axis 2G peak for 10 milliseconds**

ELECTRICAL
- **Input Voltage: normal 72 volts DC +/-20%**
- **Odometer: Input 20 or 60 pulses per revolution**

RADIO RECEIVER
- **Frequency: 457.9375 MHz**
- **Input Impedance: 50 ohms**

RADIO TRANSMITTER
- **Frequency: 452.9375 MHz**
- **Output Impedance: 50 ohms**