Locomotive and Vehicle Electronics

Wabtec CORPORATION

# TrainLink™ NG5 ATX

End of Train (EOT) Device

## Superior Radio Communications with a Durable External Antenna

**Based on over 30 years of EOT experience, Wabtec's new generation TrainLink™ NG5 ATX has been expertly designed with industry leading communication capabilities featuring a durable external antenna and a lightweight, but rugged construction meant to withstand abuse from railway operations.**

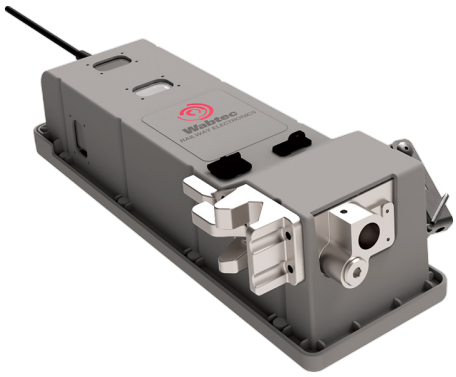
- **Reduced size and weight (13 lbs as shown)**
- **Improved backup battery life management**
- **Complies with FRA HVM height requirement - no waiver required**
- **Annual maintenance agreement available**

## CUSTOMER BENEFITS:

- **Improved communication accommodates longer trains**
- **Improved diagnostics and logging enhances troubleshooting and reduces downtime**
- **Future-proof design allows for easy upgrades to support PTC enhancements**
- **All components available for purchase to assist in fleet maintenance**

Prototype → Ready to quote → Ready to produce → **In production**

## TrainLink™ NG5 ATX End of Train (EOT) Device



### Additional features and benefits:

- Dual display provides visibility from both sides of the track
- ATX air generator operates the EOT and charges backup battery
- Quick service door to access the radio and communication port for download
- Designed for simple upgrades to GPS and cellular hardware
- 2 year warranty

## Product Specifications

| | |
|---|---|
| Environmental (temperature, ambient) | Operating -40°C to +60°C<br>Storage -40°C to +60°C<br>Humidity 95% non-condensing at 50°C |
| Air Pressure | Operating range 0 to 125 psig<br>No damage range 0 to 200 psig<br>Accuracy +/- 3 psig; resolution +/-1 psig |
| Physical Dimensions (approximate) | Height: 21.4"<br>Width: 6.7"<br>Depth: 5.5" (at bottom)<br>Depth: 4.5" (at top) |
| Radio Receiver | Frequency 450 to 480 MHz<br>Sensitivity 12 dB SINAD = 0.35 uV<br>Audio Output 0.3 to 0.6 volts rms<br>Channel spacing 25 kHz wide band or 12.5 kHz narrow band<br>Input impedance 50 ohms |
| Radio Transmitter | Frequency 450 to 480 MHz<br>Frequency stability + 5 ppm from -40°C to +60°C<br>RF Power output: 8 watts North America; 2 to 5 watts International<br>Output impedance 50 ohms |

Wabtec's TrainLink™ NG5 ATX End of Train (EOT) Device meets AAR S-9152 specification and follows the AAR Manual of Standards and Recommended Practices.

**To discover everything the TrainLink™ NG5 ATX End of Train (EOT) Device can do, contact:**

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