



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

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

