

OCU-III for Rail

BELTPACK™



DURABILITY PLUS LIGHTWEIGHT CONVENIENCE

HIGHLIGHTS

- Bluetooth® integration
- Lighter weight
- High impact, resistant nylon enclosure

FEATURES

- Internal archive record
- Embedded GNSS receiver
- Switch usage statistics recorded in internal archive record
- Operating temperature: -30° C /+50° C (-22° F / +122° F)

MODELS

FLAT YARD

- 450-470 MHz
- 806-869 MHz

HUMP YARD

- 450-470 MHz
- 806-869 MHz

SPECIFICATIONS COMPARISON

ATTRIBUTES	OCU	OCU-III
Size (inches)	3.7W x 10.4L x 4.5H	3.7W x 10.6L x 4.9H
Weight (with battery)	3lbs 8oz	2lb 15oz
Housing Material	Magnesium	PA12
Display	LED 4 Digits	Graphics LCD 32x122 pixels, 3 lines
Antenna	External - Monopole	Internal Helical/Dipole
Output Power	1 Watt	2 Watts
Battery Technology	NiMH	Rechargeable Li-Ion
Bluetooth®	Not available	Diagnostic Support





OCU-III OPERATIONAL ENHANCEMENTS FOR BELTPACK SYSTEMS

FEATURES	SPECIFICATIONS
OLED Display	With three lines and sixteen characters per line, the OCU-III display provides visibility that allows more efficient operations
Bluetooth® Integration	<ul style="list-style-type: none"> • Improve the efficiency of service operations and decrease downtime of control units through the Bluetooth interface. The OCU-III performance data can be downloaded from the OCU-III without additional cables or opening the unit to obtain critical service data • This wireless connection is also used to update firmware and configuration parameters when connecting with a properly licensed software tool
Infrared Configuration Updates	The OCU-III has the ability to pair with the target locomotive's MCU and uses infrared to download unique configuration details of the RCL-II. Updating the MCU predefined messages over infrared decreases the need to manually configure units and will increase the time that units are available for operation in the field
Embedded GNSS Receiver	An embedded GNSS (Global Navigation Satellite System) enables the OCU location to be logged in the internal archive record for later review. For North American users, this GNSS receiver tracks the GPS constellation
Embedded Accelerometer	<ul style="list-style-type: none"> • An embedded accelerometer monitors OCU tilt, motion and other operations to improve operator safety • The accelerometer is self-checked at power up and continually during operation
Battery Charger	The single and six-unit chargers are designed to charge the rechargeable Li-Ion battery. The charger rapid charges the OCU-III battery and monitors the battery for safe charging

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