



Are you struggling with intermittent communications between your Lynx® or SitePro® central and your satellites? Upgrade your irrigation control system with advanced wireless technology. Whether you have older analog radios, damaged wire, or just want to bring new life to your irrigation communication system, upgrade to the state-of-the-art Raveon M7-UC UHF digital radio. Its new digital wireless technology is now standard in wireless models of the Lynx Smart Hub and Lynx Smart Satellite. The radio features Digital Signal Processing (DSP), enabling:



- ✓ Data recovery in the presence of noise through error detection and correction – greatly increasing communications robustness in marginal reception areas
- ✓ Automatic “key on data” – eliminating delays for lead tones to announce data streaming
- ✓ Message buffering – ensuring successful over-the-air communications when the radio is transmitting data on the serial port
- ✓ Signal strength measurements and radio addresses – providing site survey information, diagnostic information, antenna optimization, and installation confirmation



Speed Up Control System Network Communications and Improve Reliably

- ✓ High-speed radio frequency synthesizers allow more bandwidth
- ✓ Lynx downloads are 12% faster over digital radios than those over analog radios
- ✓ Additional bandwidth improvements are planned to further increase the speed of network communications

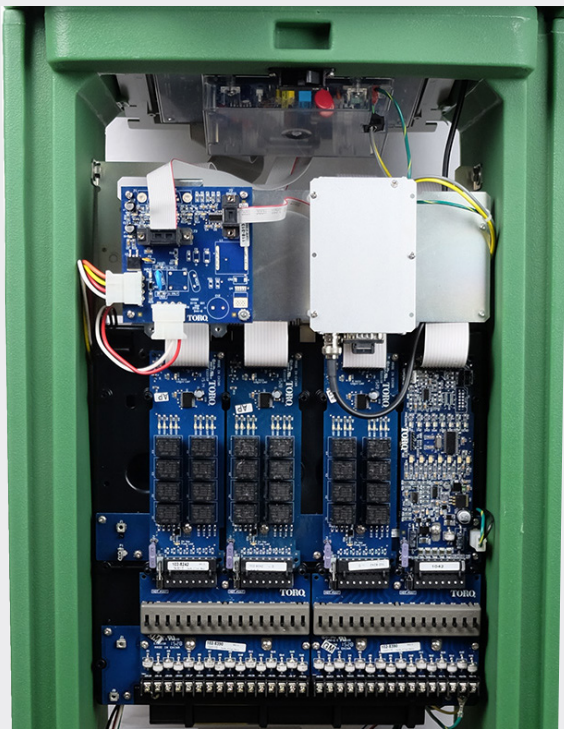


Reliable in Challenging Conditions

- ✓ The Raveon M7-UC* was designed for efficient operation, featuring low power consuming electronics, and a modern and capable ARM microprocessor for cool operation in challenging environments
- ✓ The Raveon M7-UC was designed to commercial, industrial, and military standards

“The digital radios solved our communications issues and we can now trust that the satellite boxes will receive our computer downloads and rain holds.”

~Patrick Dolan, Golf Course Superintendent, Copper Hill Country Club, Ringoes, NJ



Network VP Satellite with Vertical Power Distribution Board and Digital Radio Kit (RADIOKIT-V-G)



Raveon M7-UC UHF Digital Radio

SPECIFICATIONS

Radio

- Model: M7-UC UHF
- Toro Part Number: 118-6133SK
- Manufacturer: Raveon Technologies Corporation
- Frequency Band: 450-470 MHz
- Operating Temperature: -30°C to +60°C
- Transmit Radio Power: Programmable 500mW to 5.0W, 2W default
- RF I/O Connector: BNC (Female)

Specifications – Ordering Information

Network VP®, LTC Plus™ and LTC Pro Satellites – 2007 and Later Plastic Pedestal Models

	Model	Pedestal Color
Network VP with Vertical Power Distribution Board	RADIOKIT-V-G	Green
	RADIOKIT-V-T	Desert Sand
	RADIOKIT-V-B	Tree Bark
	Model	Pedestal Color
Network VP with Horizontal Power Distribution Board	RADIOKIT-L-G	Green
	RADIOKIT-L-T	Desert Sand
	RADIOKIT-L-B	Tree Bark
	Model	Pedestal Color
LTC Plus with Plastic Pedestal	RADIOKIT-L-G	Green
	RADIOKIT-L-T	Desert Sand
	RADIOKIT-L-B	Tree Bark

Network VP or LTC Plus Satellites – 2006 and Earlier Plastic Pedestal Models

LTC Plus	118-4815SK + 102-3126 Radio Kit for LTC Plus + Dome Antenna Kit
Network VP with Horizontal Power Distribution Board	118-4815SK + 102-3126 Radio Kit for Network VP with Horizontal Power Distribution Board + Dome Antenna Kit
Network VP with Vertical Power Distribution Board	118-3725SK + 102-3126 Radio Kit for Network VP with Vertical Power Distribution Board + Dome Antenna Kit

Field Interface Unit (FIU) Exchange Service

FIU-2010, -2011, -2011R	FIU-2011-DR-UPGRD (NSN Support) FIU-2011-DR-UPGD-N (not on NSN Support)
FIU-2020, -2021, -2021R	FIU-2021-DR-UPGRD (NSN Support) FIU-2021-DR-UPGD-N (not on NSN Support)

* Raveon and its products are intellectual property of Raveon Technologies.

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