RF-7800R-RC

Universal Remote Control System

GENERAL	
Compatible Radios	AN/PRC-117F(C) AN/PRC-152 AN/PRC-117G AN/VRC-110 AN/PRC-150(C) RF-5800H-MP RF-5800M-MP RF-5800V-MP RF-5800M-V520 RF-5800V-V500 RF-7800M-MP
Data Modes	Async Data, Sync Data, USB, Radio Ethernet
Power Input	28 VDC Nominal Accepts 20 to 34.5 VDC

PHYSICAL	
Dimensions	3.2 H x 7.8 W x 8.9 D in (8.1 H x 19.8 W x 22.6 D cm)
Weight	Approx 3.5 lbs (1.6 kg), Remote Control without KDU
Color	CARC Green

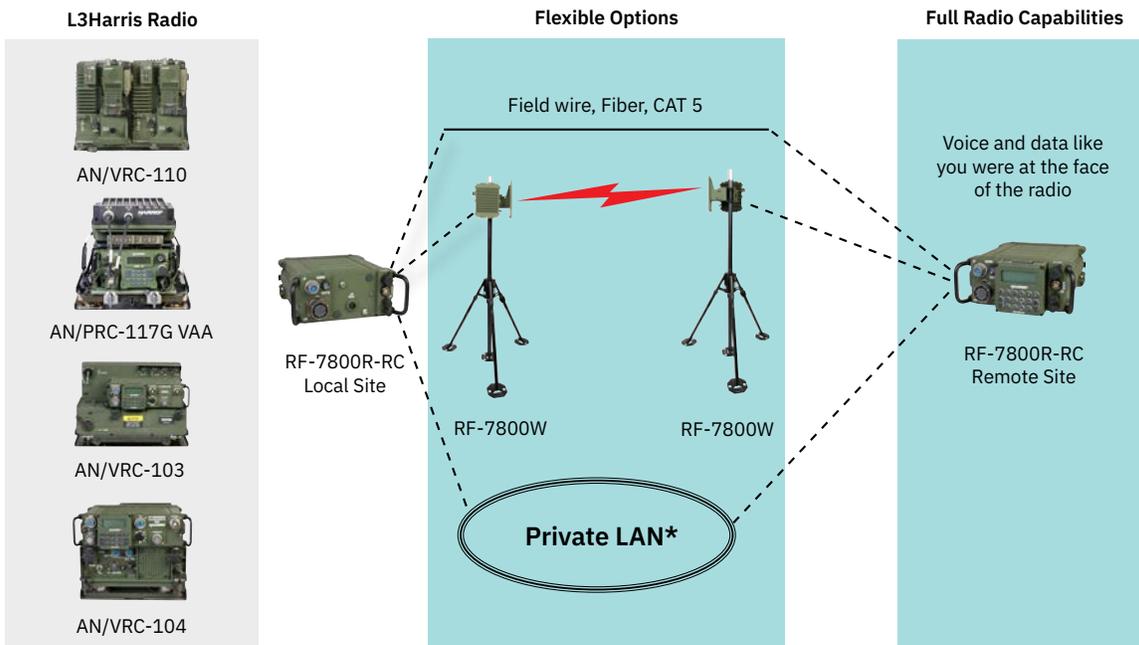| ENVIRONMENTAL	
Shock/Vibe	MIL-STD-810F, Ground mobile
Humidity	MIL-STD-810F
Immersion	1 meter of water
Temperature	-40°F to +159.8°F (-40°C to +71°C)
Operation Altitude	Up to 15,000 ft
Storage Altitude	40,000 ft

REMOTE KIT CONTENTS
RF-7800R-RCXXX: Includes 2 Remote Control Units, 2 Battery Boxes, single H-250 Handset, radio-specific cable, and Operator Card

REMOTE PART NUMBER OPTIONS	
RF-7800R-RC011	Remote Control System Falcon II Manpack
RF-7800R-RC012	Remote Control System Falcon II Handheld
RF-7800R-RC013	Remote Control System Falcon II Manpack
RF-7800R-RC014	Remote Control System Falcon II Handheld

The RF-7800R-RC provides full remote control of Falcon II® and Falcon III® radios. The system supports legacy transmit and receive audio, data and field wire control as well as current fiber and Ethernet® technologies for extended ranges. All radio functions controlled by an L3Harris Keypad Display Unit can be controlled by the RF-7800R-RC, including ALE, frequency hopping and modem selections. The system supports a full range of data applications and maintains Engineering Order Wire intercom capabilities between remote and local operators. Modular by design, each of the RF-7800R-RC's two units can function as a Local Control Unit or Remote Control Unit.

RF-7800R-RC REMOTE EXTENSION APPLICATIONS

L3Harris Radio

AN/VRC-110

AN/PRC-117G VAA

AN/VRC-103

AN/VRC-104

Flexible Options

Field wire, Fiber, CAT 5

RF-7800R-RC Local Site

RF-7800W

RF-7800W

Private LAN*

Full Radio Capabilities

Voice and data like you were at the face of the radio

RF-7800R-RC Remote Site

* Consult L3Harris on application specifics.

RF-7800R-RC Universal Remote Control System

Non-Export Controlled Information

L3Harris Technologies is an agile global aerospace and defense technology innovator, delivering end-to-end solutions that meet customers' mission-critical needs. The company provides advanced defense and commercial technologies across air, land, sea, space and cyber domains.

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