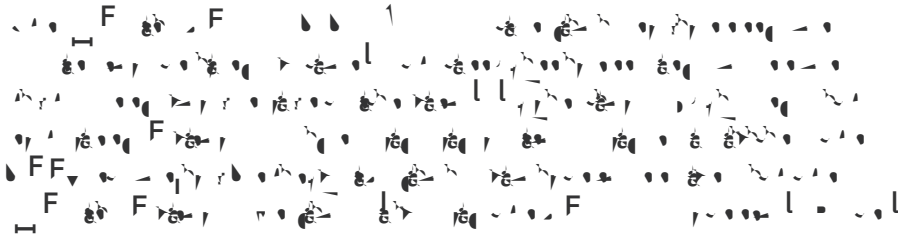


FALCON III RF-7800V-V51X

VHF Networking Vehicular Radio

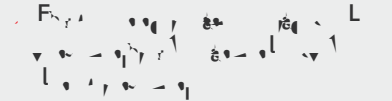
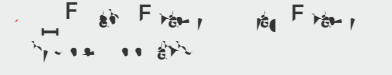


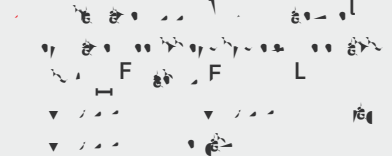


The RF-7800V-V51X is ideal for traditional CNR missions, ground-to-air, and Company and B2 (b)2.13 (-6-)48 33 Td19.5 (0V)28. 0.20 ECCM channels. This waveform family is also available in the Falcon III Multiband, airborne and soldier radios supporting seamless communications across the battlefield.

The large multilingual display and built-in WebUI applications deliver maximum mission flexibility. Now, capabilities such as text and file transfer can be accessed directly from the radio, further reducing soldier payload. The optional WebUI provides additional applications including Friendly Force Tracking, video streaming, remote control and others, for use at all levels of the battlefield.

LONG-RANGE,
HIGH-SPEED, COMBAT
NET RADIO (CNR)

KEY BENEFITS

-  L
-  F F F
-  T L
-  F L
-  F L

GENERAL	
RT Nomenclature	RF-7800V-V51X
Frequency Range	30-108 MHz
Channel Spacing/Bandwidth	25 kHz, 75 kHz*
Channels	25 total
GPS	Internal GPS Accepts external GPS input

TRANSMITTER	
Power Output	30-108 MHz: 5 W, 20 W, 50 W (user selectable)
Harmonic Suppression	>-60 dBc typical
Audio Output	Variable and fixed level
Frequency Stability	±1 ppm

RECEIVER	
Sensitivity	-112 dBm @ 12 dB SINAD
Speech	Off, noise, tone and digital
IF Rejection	> 70 db
Image Rejection	> 70 db

POWER	
Power Input	20 VDC-32 VDC
Power Consumption	Max 450 watts

SECURITY	
Encryption	128 & 256 bit L3Harris proprietary (C) (e) - 9.5 (t) - 1 (p) - 14.8 (r) - 20.6 (c) (l) - 20.5 (o) (w) 16 (r) - u1.8 (435. (w) 1 ((e) 0 (j) 9.4 (C) - 1m(y-201) - 9nd7.02rQd111

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 L3Harris Technologies is the Trusted Disruptor in the defense industry. With customers' mission-critical needs always in mind, our 50,000 employees deliver end-to-end technology solutions connecting the space, air, land, sea and cyber domains in the interest of national security.