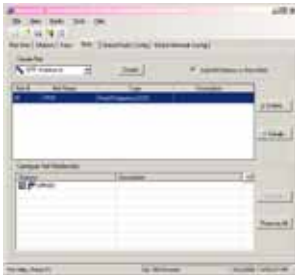


RF-7800S-PK001

SECURE PERSONAL RADIO PROGRAMMING KIT

RADIO PLANNING AND FILLING



The RF-7800S-PK001 SPR Programming Kit provides software applications to enable planning and filling of the Secure Personal Radio. The kit is equipped with the RF-7580I International Line-of-sight Radio Programming Application (RPA), the RF-7800S Utility Software Application for PC and PDA (SUS), and the 12055-0710-A006 data/fill cable.

The RPA provides the ability to configure all parameters for the RF-7800S, including station type definition, net planning, and key management. Multiple nets can be configured and stored in a plan file on a PC or removable media for easy distribution to the radio via USB.

The SUS can be installed on either a PC or PDA. It allows for a user-friendly radio interface, real-time editing, and real-time distribution of the radio plan file including the ability to perform radio firmware upgrades. The Utility Software provides the Harris proprietary Ground Force Tracking GPS system. Squad or platoon leaders are able to track the location of their troops, displayed on customer-provided map overlays. The SUS can perform built-in radio test and ongoing reporting of radio status. The software enables the user to perform in-field modification of radio plan files, distribution and refill the radio.

Programming kits are provided on a CD and flash memory device and contain a USB fill cable to enable USB connection to the Secure Personal Radio. The flash memory device can also be used for in-field distribution of plan files.



Specifications for the RF-7800S-PK001

Features	
Network Planning	<p>Radio Network Planning: define plan for 25 KHz, 500 KHz and 1.2 MHz nets, PTT assignment, encryption key assignment, data rate selection, station Type definition and other settings</p> <p>Citadel® II, AES and Harris Citadel Key Generation: up to 200 keys per plan and importing of keys</p> <p>Allocation of frequency, XML plan format</p> <p>Online Help/Manual</p> <p>Sample Plans</p>
Information Exchange	<p>Export plan information from RF-7850I International Line-of-sight RPA to SPR Utility Software Application</p> <p>Export Keys from RF-6550 KGA</p>
Radio Configuration	<p>Fill radio through USB port connection</p>
Supported Harris Equipment	<p>RF-7800S-TR001</p> <p>RF-7800S TR011</p> <p>RF-3587-CP004 TDS Nomad PDA</p> <p>RF-3577 Panasonic Series of PC</p>
RF-7800S-PK001	<p>RF-7850I</p> <p>12055-2800-01</p>

Minimum PC Requirements	
CPU	Intel Pentium 1 GHz or equivalent
Operating System	Windows XP Professional SP2 Windows Mobile 5.0 Windows Mobile 6.0
Memory (RAM)	512 MB
Hard Disk	80 GB
Display	Super VGA color monitor with 800 x 600 resolution
PDA Device	Intel PXA255, 400MHz XScale Processor with 64MB high-speed SDRAM
Input Devices	101-key keyboard Two-button mouse PDA
I/O	One full size Type A USB port

Minimum PC Requirements	
RF-7800S-PK001	Flash Memory media/PC to RF-7800S or PDA to RF-7800S



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