KingFish®
Portable, Cellular Transceiver System

Product Description
KingFish® is a multiprotocol, cellular communications system from Harris’ long line of advanced wireless products. The KingFish is a man-portable, single receiver, single transmitter platform capable of supporting multiple, cellular communication technologies. KingFish is based on a Software Defined Radio (SDR) architecture, which enables upgrades to future cellular standards, while preserving the initial investment in hardware. The KingFish currently supports GSM, CDMA2000® and iDEN™ protocols.

Features
- SDR technology enables convenient field upgrades of software for future standards and capabilities.
- Intuitive Graphical User Interface (GUI)
- Collected data can be viewed or exported for post-processing data analysis.
- Low-power system designed for vehicular operation.
- Battery power designed for portable operation.
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**Available Software Applications**
- RayFish® GSM Controller  
- RayFish CDMA2000 Controller  
- RayFish iDEN Controller

**Operating Bands**
- Cellular: 824–849 MHz, 869–894 MHz  
- iDEN: 806–821 MHz, 855–866 MHz  
- E-GSM 900: 880–915 MHz, 925–960 MHz  
- DCS 1800: 1710–1785 MHz, 1805–1880 MHz  
- PCS 1900: 1850–1910 MHz, 1930–1990 MHz  
- AWS 2100: 1710–1755 MHz, 2110–2155 MHz (requires AWS converter accessory)

**Compatible Accessories**
- PC Controllers  
  - Ultra Mobile PC  
  - Dell® Laptop  
  - Panasonic Toughbook®  
- AmberJack® Direction-Finding Antennas  
- Harpoon® Power Amplifier (PA)  
- 25-watt filtered PA  
- AWS converter  
- GPS kit  
- Backpack

**Hardware Features**
- External PA output  
- DF antenna input  
- DF Control/Status (interface with AmberJack DF antenna)  
- Swappable Li-ion Battery  
- Bluetooth® Connectivity

**Power Source**
- DC power: 10–16 Vdc, <10 amps  
- AC power: 90–132/180–264 Vac, 47 to 63 Hz

**Physical Characteristics**
- Radio housing: Aluminum case  
- Size: L = 11.5", W = 10", H = 3.5"  
- Weight: 8 lbs.  
- Wheeled transit carrying case

Specifications are subject to change without notice. Harris is a registered trademark of Harris Corporation. AmberJack, BlackFin II, FireFish, FishHawk, LoggerHead, Gossamer, Harpoon, KingFish, LoggerHead, Moray, Porpoise, RayFish, StingRay, and StingRay II are registered trademarks of Harris Corporation. CDMA2000 is a registered trademark of the Telecommunications Industry Association in the United States (TIA-USA). iDEN is a trademark of Motorola, Inc. Bluetooth is a trademark of Bluetooth SIG, Inc. Windows XP Professional is a trademark of Microsoft Corporation. Panasonic Toughbook is a registered trademark of Panasonic Corporation. Dell is a registered trademark of Dell Inc.

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