

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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KingFish®

Portable, Cellular Transceiver System



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



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