

K2 TACTICAL TERMINAL: CONNECTIVITY AT YOUR FINGERTIPS

Instantaneous Multimedia Access

The complex global maritime defense environment requires multimedia communications, multifunctional devices and rapid response times. The data to meet these dynamic challenges is only a touch away using L3Harris. This tactical terminal offers all the traditional tactical voice services such as intercom, telephone services, radio nets, interior nets and announcing and alarm systems. As an IP device, K2 enables contemporary data communication features, such as SMS messaging, website surfing and streaming audio and video. As part of L3Harris' MarCom® Integrated Communication System (ICS) and Symphony® Communications Manager, K2 securely handles classified and unclassified traffic. The K2's powerful processor and transparent touchscreen display deliver an intuitive graphical user interface (GUI).

ADVANCED FEATURES AND BENEFITS

- > The layered application of commercial standards such as Assured Services-Session Initiation Protocol (AS-SIP), Secure Real-Time Transport Protocol (SRTP) and Advanced Encryption Standard (AES-256) ensures robust network security within MarCom ICS network, K2, Symphony and the commercial IP network.
- > A MarCom ICS network offers complete interoperability among K2s, commercial SIP phones, radio nets, man-on-the-move nets, intercom, announcing and others, regardless of technology and protocols.
- > Monitoring multiple channels while simultaneously operating on another channel increases the user's situational awareness.
- > Single-action keys reduce response times.
- > The color GUI improves ease-of-use and reduces training requirements with dynamic content tailored for each operator position.
- > Classmark and class-of-service settings enable controlled access to communications resources.
- > While using the latest commercial technology, the K2 satisfies demanding tactical requirements.
- > Display is sunlight legible and compatible with night-vision goggles.
- > Brightness control includes night-vision and darkened-ship modes.
- > Standard (8.4" diagonal screen) and compact (6.5" diagonal screen) units are available in both console-mount and bulkhead-mount versions to satisfy platform and location space constraints.
- > Red and black voice communications with proper network voice and data isolation separation.
- > Dual homed and failover capable.
- > Available in standard or compact size with no degradation or reduction in performance.



The K2 tactical terminal supports flush mounting in consoles and bulkhead mounting in maritime platforms ranging from submarines to large decks.

- > Highly dynamic and interactive screens support rapid response to mission challenges
- > Simultaneous access to multiple circuits, including radio networks and secure voice, provides situational awareness
- > External headsets, handsets, push-to-talk footswitches and speakers, augment built-in microphone, speakers and push-to-talk to satisfy diverse operating environments

KEY DESIGN SPECIFICATIONS

> Physical

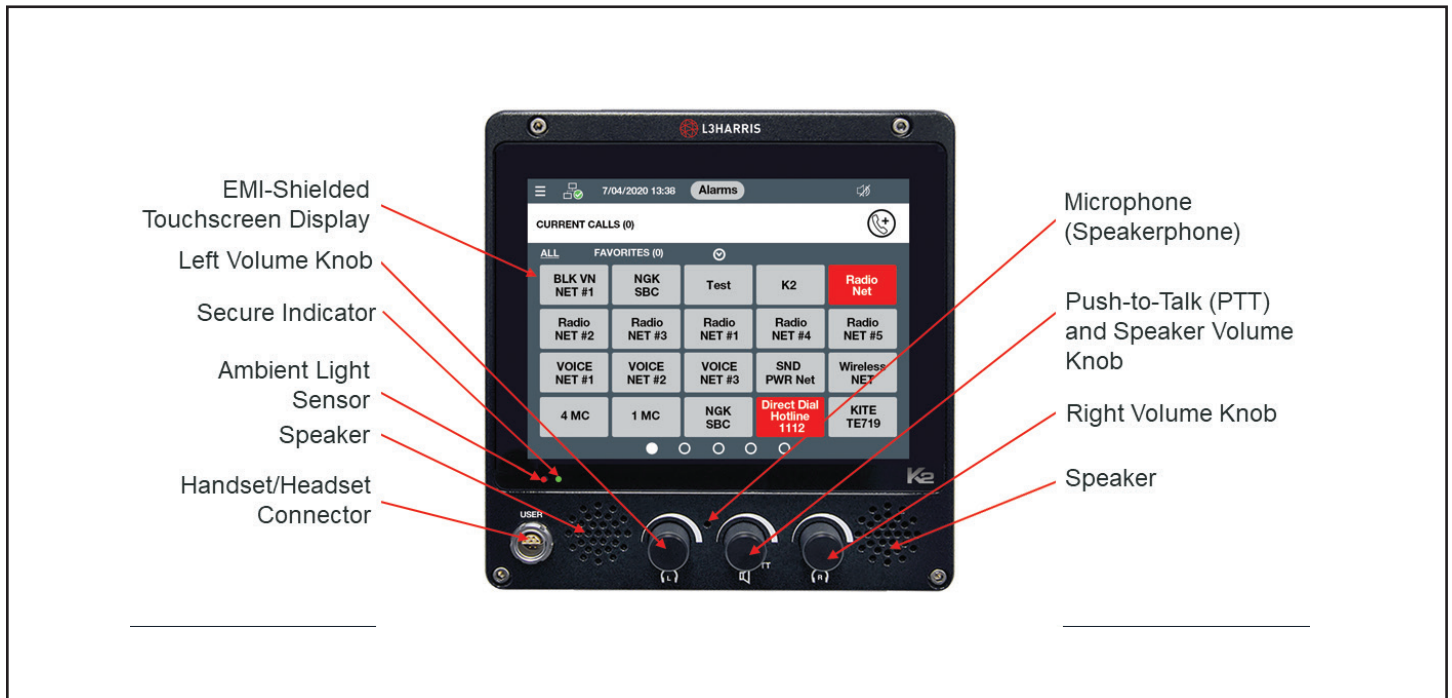
Version:	Standard	Compact
Screen Diagonal:	8.4"	6.5"
Dimensions:	8.6" W x 9.3" H x 4.4" D	7.5" W x 7.3" H x 4.4" D
Weight:	9 lb. max. (console)	8 lb. max. (console)
Available Mounts:	Console and bulkhead	Console and bulkhead

> Environmental

Temperature:	Operating: 0 °C to 50 °C Non-operating: -40 °C to 70 °C
Humidity:	5% - 95% RH
Operational Shock:	MIL-S-901, Grade A
Operational Vibration:	MIL-STD-167-1A
EMI:	MIL-STD-461
TEMPEST:	NSTISSAM TEMPEST 1/92

> Electrical

Power:	Power over ethernet, IEEE 802.3BT (uPoE) or external power
Signal:	1000BaseT wired ethernet, IPv4



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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.



1025 W. NASA Boulevard
Melbourne, FL 32919
productsales@L3Harris.com