Digital Intercom System
Model U9111
Headset Station

On land or at sea; for facilities or mobile platforms; in harsh, noisy environments or in quiet areas over long distances; for single or multi-channel communication; with wired security and wireless mobility, the Series 9100 Digital Intercom System provides communication clarity for the working world.

The U9111 Headset Station is a hard-wired user interface to the U9100 Master Station that provides the headset user with software-enabled access to the Digital Intercom System and its connectivity to two-way radios and other common ancillaries, as well as existing networks.

With its elegant and intuitive switch array, the U9111 provides versatile, dependable communications in a straightforward design that allows the headset user to focus on the mission, not on a complex control scheme.

P/N: 44001G-02

WHAT IT HAS...	HOW IT HELPS...
SMART VOX	SMART VOX is an automatic VOX technology that adapts to background noise in real time, while applying unique DSP algorithms to discern between noise and speech, for instantaneous and effective mic control with no manual adjustments.
IP-68 sealed Ethernet jack	Provides out-of-the-box connectivity to the U9100 Master Station, offering superior dust and water ingress when mated for worry-free installations in the most demanding environments
Marine-grade design throughout	Ingress protection, salt-fog/corrosion resistance, wide ranging temperature tolerance, and superior shock/vibration absorption to keep your system - and your crew - safe, effective and mission-ready
IP-68 sealed Headset jack	Mated or unmated, the IP-68 headset jack maintains the integrity of connection to the user, with quick-release capabilities for on-the-move headset reassignment to wireless belt stations
Simple control array	Software-enabled talkgroup selection switches with correlating LED indicators and a centrally located PTT switch (redundant to the headset-mic PTT) make it effortless to access system functions when seconds count
Surface or flush-mount options	Flexibile installation options - while maintaining watertight integrity - provides numerous install location alternatives for facility or mobile platforms
Remote PTT Connection	Ability to connect 1 or 2 remote PTT assemblies (via C91-20RS1 and/or C91-20RS2) for programmed radio PTT actuation via hands-free footswtich or alternate assembly. Enables specialty configurations for emergency or critical operations.

Dante™

Dante™ by Audinate™ is the industry-leading digital media networking technology, affording the transport of multi-channel, ultra-high-quality voice and data over CAT5e cable. Its software-enabled network control provides a quick and simple methodology for system set-up, routing and applicable device monitoring, providing the perfect bridge for the David Clark digital communication system not only within it's own physical platform, but with other Dante™-enabled devices and standard IP networks.

U9111 - Technical Data

PHYSICAL	
Weight	16 oz. (454g)
Dimensions (general)	5.125"L x 3.75"W x 2.5" D
System Connection Scheme	RJ-45 type Ethernet connection

ELECTRICAL	
Power	PoE (802.3af), from U9100
Radio Connectivity	See U9102 or U9104
Auxilliary Connectivity	See U9102

USER INTERFACE FEATURES	
Headset Connection	Via 8-socket locking connector (quick disconnect)
Channel/Radio/Auxiliary Device Selection	Via surface buttons (numbered 1 through 4), each with multi-color LED indicators for selection/mode status (as programmed)
Radio Transmit Method	Via PTT on headset station, headset mic boom or connected remote PTT

MECHANICAL	
Mounting Method	via M9110FM (Flush-Mount) or provided surface-mount bracket
Enclosure Material	Polyethylene

COMPLIANCE	
	MECHANICAL
Ingress Protection	IP-67, per IEC 60529 as properly installed (connectors, IP68)
Operating Temperature	-40° to 185°F (-40° to 85°C)
Storage Temperature	-40° to 158°F (-40° to 70°C)
Aggravated Humidity	Per MIL-STD-810G
Functional Shock	Per MIL-STD-810G
Operational Vibration	Per MIL-STD-810G
Blowing Sand	Per MIL-STD-810G
Blowing Dust	Per MIL-STD-810G
Salt Fog	Per MIL-STD-810G

	ELECTRICAL
Immunity to DC Power Line Transients	Per EN 301 489-1, (ISO 7637-2)
Radiated and Conducted Emissions	Per EN 301 489-1; FCC, Part 15
Electrostatic Discharge	Per EN 301 489-1
Radiated Immunity	Per EN 301 489-1
Electrical Fast Transient Burst	Per EN 301 489-1
Conducted Immunity	Per EN 301 489-1

Patents: 10389884, 10237415, 10397408

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