



## Series 9500 Marine Intercom System

Master Station  
Model No. U9500  
(Part No. 40794G-03)



**U9500: Master Station**

### FEATURES AND BENEFITS

- Provides crisp, clear communication in demanding environments
- Dual modes of operation, switchable at user's belt station (hands-free intercom or PTT intercom transmit, both full-duplex)
- Corrosion resistant, weather-tight, RFI shielded enclosure
- Accommodates 4 crewmembers, or up to 8 with external modification, all with radio tx/rx capability.
- Individual radio receive on/off switches
- Individual intercom system and radio receive volume controls
- Radio transmit selector switch
- Compatible with majority of VHF, UHF and marine band radios
- Surface mount (kit included) or flush mount via M9500FM flush-mount kit (not included)
- Internal connections for interface cables through water-tight cable fittings

### DESCRIPTION

The Series 9500 Marine Intercom System is an ideal intercom/radio communications solution for demanding marine operations. Our Series 9500 system provides a reliable and effective solution for high-noise workboat environments, such as law enforcement/homeland security, border patrol, fire/rescue boats and special operations.

Vessels such as these commonly take water over the bow in choppy seas, and crewmembers are required all the while to remain on target and on mission.

To enhance the safety of these crewmembers, the Series 9500 system provides a water-tight and corrosion resistant solution that will accommodate up to eight crewmembers, all with radio transmit capability. Three mobile radio connections are available, which allow communication to and from multiple sources.

Systems are typically used in operations that require simplified pushbutton/toggle controls, for functions such as radio receive and transmit, that are easily accessible at speeds in excess of 60 Knots (70 MPH.)

### TECHNICAL DATA

<b>Enclosure</b>	Cast Aluminum ("Aluform"), NEMA, black finish
<b>Finish</b>	Black Powder-coat
<b>Operating Temperature</b>	-40° to 60°C
<b>Humidity Range</b>	0-95% non-condensing
<b>Frequency Response</b>	300Hz to 3KHz
<b>Output Levels</b>	Adjustable to Headset Earphones: 0.25V <sub>RMS</sub> to 3.0 V <sub>RMS</sub> , with normal speech levels
<b>Radio Transmit Audio</b>	Radio 1 & 2 Max. Output Levels: 870mV <sub>RMS</sub> ; Radio 3: 1.7 V <sub>RMS</sub> . All Radio Output 600Ω; data per 98dB SPL, 1/4" from microphone
<b>Radio Receive Audio</b>	600Ω, adjustable
<b>Radio Inputs</b>	Up to three mobile radios
<b>Connections</b>	Internal to PCBA via AMP connectors (System, Radio, Power, Remote PTT)
<b>Power Requirements</b>	11 to 30VDC, max current 1A)
<b>Mounting</b>	Surface (SS brackets) or Flush (via M9500FM Mounting Kit)
<b>Dimensions</b>	7.87"L x 3.94" W x 2.36" H
<b>Weight</b>	39.7oz/1.125kg

360 Franklin Street, Box 15054, Worcester, MA 01615-0054 • Tel: 800-298-6235 • Fax: 508-753-5827  
• Email: sales@davidclark.com • Web site: www.davidclark.com

Technical data subject to change without prior notice.  
Current data available at www.davidclark.com