



Submarine Manufacturing & Products Limited

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Blackpool Road, Newton, Preston, Lancashire, United Kingdom PR4 3RE

PRODUCT DATASHEET

Amron Amcom II 2-Diver Standard Rechargeable Portable Communicator with Internal Charger



THIS PRODUCT HAS THE FOLLOWING OPTIONS:

No product options are available.

OVERVIEW

The AMCOM II Two-Diver Rechargeable Basic Portable Communicator with Outdoor Power Module and International Locking Power Cord features a single channel and one volume control for both diver's uplink and downlink communications to and from the tender.



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DESCRIPTION

The AMCOM II Two-Diver Rechargeable Basic Portable Communicator with Outdoor Power Module and International Locking Power Cord features a single channel and one volume control for both divers' uplink and downlink communications to and from the tender. [1]

The newest version of the AMCOM II has the same user-interface, rugged durability and great sound quality as its predecessor with several new digital enhancements:

High Audio Fidelity

Ultra-low noise circuit combined with noise suppression circuitry produces crystal clear speech. Automatic gain adjustment will guard audio signal from distortion, enhance speaker protection and audio quality. Increases band width 47%.

Extended Battery Operation Time

Audio amplifier card deploys the state-of-the-art Class-D digital audio power amplifier. Has very low power dissipation, produces less heat, and extends battery life up to 32%.

Flexible Gain Settings

The audio amplifier card has adjustable gain settings to accommodate different communication applications and environments.

Ultra-Low Electromagnetic Interference (EMI)

EMI is achieved through spread-spectrum and de-phase control techniques providing for optimum integration with diving systems.

Outdoor Rated AC Power Module

Weather resistant, IP65 rated AC power entry module accommodates country specific AC power cords.

Country Specific V-Lock AC Power Cord

At time of order, simply choose the IP54 rated Locking AC power cord you need.

FEATURES

Single volume control for both divers. Divers' umbilicals can be set up on 4-wire mode (full duplex) or 2-wire mode (push-to-talk) or any combination of the two modes for each diver. Ability to use both dynamic and pre-amplified diver microphones with a unique circuit that detects microphone type and automatically adjusts volume levels. The divers' connections consist of cross-talk and separate speaker and microphone inputs. Internal charger allows for simultaneous charging and operation of the unit while protecting the rechargeable battery from being over-charged. Automatically supplies power to the audio amplifier when AC power is disconnected to allow for continued operation.

SPECIFICATION



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Input Impedance (Each Input): 250 Ohms Frequency Response: 300 - 10000 Hz Common Mode Rejection: 40 dB
Minimum Current Drain Maximum Full Volume: 3 Amps Minimum Quiescent: 0.190 Amps Output Impedance: 4 Ohm
Power Supply Voltage: 12 VDC Nominal (9 Volts Minimum - 16 Volts Maximum) AC Power Operating Range: 90-264
VAC, 50-60 Hz Sensitivity (Input): 0.5 mV Output Power (RMS @ 4 Ohm Load, 12 VDC): 10 Watts Audio Battery Life:
45 hours Dimensions: 10 in. H x 9 in. W x 14.5 in. L (25.4 cm x 22.9 cm x 36.8 cm) Weight: 16.25 Lbs. (7.37 Kg)

ORDER THIS PRODUCT

To order this product or to request a price contact our UK sales team on
+44 (0)1772 687775

Alternatively you can place a quote request through our website
<http://www.smp-ltd.co.uk> or send an email to sales@smp-ltd.co.uk