

AMRON INTERNATIONAL - MASTER DISTRIBUTOR

SY-2820A-02 AMCOM II Double Lock Chamber Communicator



NEWLY DESIGNED 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 Backup 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 backup 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.

FEATURES:

- Fully featured hard-wire, two-lock communicator system
- The AMCOM™ II has independent channels and volume controls (operator, inner lock, and outer lock), as well as separate on/off controls for each lock.
- Built-in Internal Charger and Battery Back-up · Panel Microphone allows for improved communications to divers.
- Two Modes of Operation - 2-Wire Mode and/or 4-Wire Mode



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SPECIFICATIONS:

- 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: 8.0 in. H x 10.1in. W x 7.5 in. D (20.3 cm x 25.7 cm x 19.1 cm)
- Weight: 14 lbs (6.4 kg)

INCLUDED WITH COMMUNICATOR:

AMCOM II 2820A-02 Double Lock Chamber Communicator includes:

- (1) SY-2405-28 Amron Hand-Held Push-to-Talk Microphone
- (1) SY-2890-05 Amron 12VDC Sealed Lead Acid Gel-Cell Rechargeable Battery with Slide terminals
- (1) SY-MS-3106A-20-27S Amron 14 Pin Female MS Connector MS Connector
- (1) SY-MS-3057-12A Amron 20/22 Shell MS Cable Clamp
- (1) SY-P-2392 Amron Power Cord
- (1) SY-2820A-02-UM Amron Double Lock Chamber Communicator User Manual


AVAILABLE OPTIONS:

- Amron 2401-28 Deluxe Headset with Boom Mic
- Amron 2460-28 Standard Headset with Boom Mic




TECH NOTE:

Amron International's communications equipment is designed to be used in air chambers where oxygen concentrations remain below 23.5%. Our communications products (including communicators, speakers, entertainment systems, and other communications accessory items) are NOT designed for oxygen service, are not intrinsically safe, and do not meet the criteria given in NFPA-99, Chapter 20 and other applicable definitions. Use of our products in high concentration Oxygen environments may result in serious injury and/or death.

Contact us

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