

# HYPERBARIC COMMUNICATIONS

## Double Lock Chamber Communicator

2820A-4003

The Amcom II™ chamber communication system is a full feature hard wire, two lock communicator system. The Amcom II™ has independent volume controls (operator, inner lock, and outer lock), as well as separate on/off controls for each lock.

### Features

- Two Modes of Operation - 2-Wire Mode and/or 4-Wire Mode
- Separate volume controls for operator and each lock
- Separate on/off controls for each lock
- External 12 VDC connection
- Entertainment Model 2820A-4003E has an amplifier to provide audio from any source, such as AM, FM, CD, TV, etc
- Separate volume control for the entertainment channel
- Entertainment audio is interrupted when the Hand-Held Push-to-Talk Microphone or Push-to-Talk switch is activated

### Double Lock Chamber Communicator: Part Number 2820A-4003 Includes

- Hand-Held Push-to-Talk Microphone: Part Number 2405-28
- (1) 12 VDC Slide Terminal Gel-Cell Rechargeable Battery: Part Number 2890-05 - Expected life: 15 hrs
- (1) MS Connector – 14 Pin Female: Part Number MS-3106A-20-27S
- (1) MS Cable Clamp 20/22 Shell: Part Number MS-3057-12A
- Power Cord: Part Number P-2392
- User Manual



2820A-4003 PANEL MOUNT DOUBLE LOCK CHAMBER COMMUNICATOR



DOUBLE LOCK CHAMBER COMMUNICATOR BACK VIEW

Specifications	
Power	115/230 VAC, 50-60Hz
Back-up Power	Rechargeable 12 VDC Slide Terminal Gel Cell
Rear Panel Connection	MS 14 Pin Male with Mating Connector
Entertainment Input	2 RCA jacks for (2820A-4003E only) audio input Signal is mixed internally for a stereo input/monaural output
Dimensions	8 in. H x 10.125 in. W x 7.5 in. D (20.3 cm x 25.7 cm x 19.1 cm)
Weight	15 lbs (3.6 kg)

Double Lock Chamber Communicator	
2820A-4003	Standard Double Lock Chamber Communicator
2820A-4003E	Entertainment Double Lock Chamber Communicator, with Entertainment Electronics, Microphone, Manual
Spare Parts and Accessories	
2460-28	Operator Headset
2401-28	Heavy-Duty Operator Headset with Boom Mic and Dual Banana Plugs
2401-31R	Internal Heavy-Duty Occupant Chamber Headset with Boom Mic and 4-Pin Male Audio Connector
2460-31R	Standard Lightweight Occupant Headset with Boom Mic and 4-Pin Male Audio Connector
2822-28	Remote Walk-and-Talk with 25 ft. Cable (Simulcom™) (4-Wire Mode)
2821-28	Remote Push-to-Talk Module with 25 ft. Cable (2-Wire Mode)
3130	Entertainment Speaker
4003-SS	Shop Spares Kit
4003-FS	Field Spares Kit



DISCLAIMER NOTICE: 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.