

**THREE DIVER PORTABLE PANEL WITH THREE DIVER RADIO SY-3DAP-D040-R-SF / BF**

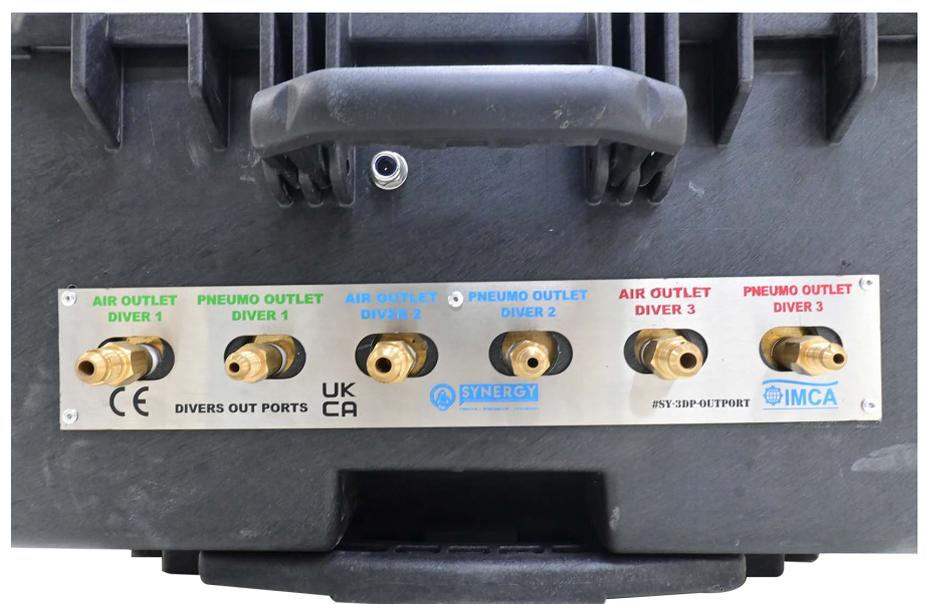


**PART NO : SY-3DAP-D040-R**  
 Three diver panel with radio



**THREE DIVER PORTABLE PANEL WITH THREE DIVER RADIO SY-3DAP-D040-R-SF / BF**

**SF - DIVING PANEL WITH D1/D2/D3 INLET FITTINGS (AIR SUPPLIES HP/LP) ON LEFT SIDE AND D1/D2/D3 OUTLET FITTINGS (TO DIVER) ON RIGHT SIDE**



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**Information Two Diver Panel**

Case	Model 1650, Black, Interior (28.57" L x 17.52" W x 10.65" H), with wheels and handle, water, rust and dust proof), Pelican USA <b>Exterior dimensions:</b> 80.14 x 52.1 x 31.67cm (31.55" x 20.51" x 12.47") <b>Interior dimensions:</b> 72.16 x 44.2 x 27.03cm (28.41" x 17.40" x 10.64") <b>Weight without foam:</b> 10.9kg (24.03lbs)
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1 x 0-164 fsw/50 msw Depth gauge, 4", 0.25 % accuracy, mirror scale, with calibration point , Diver 1, Color coded <b>Green</b> 
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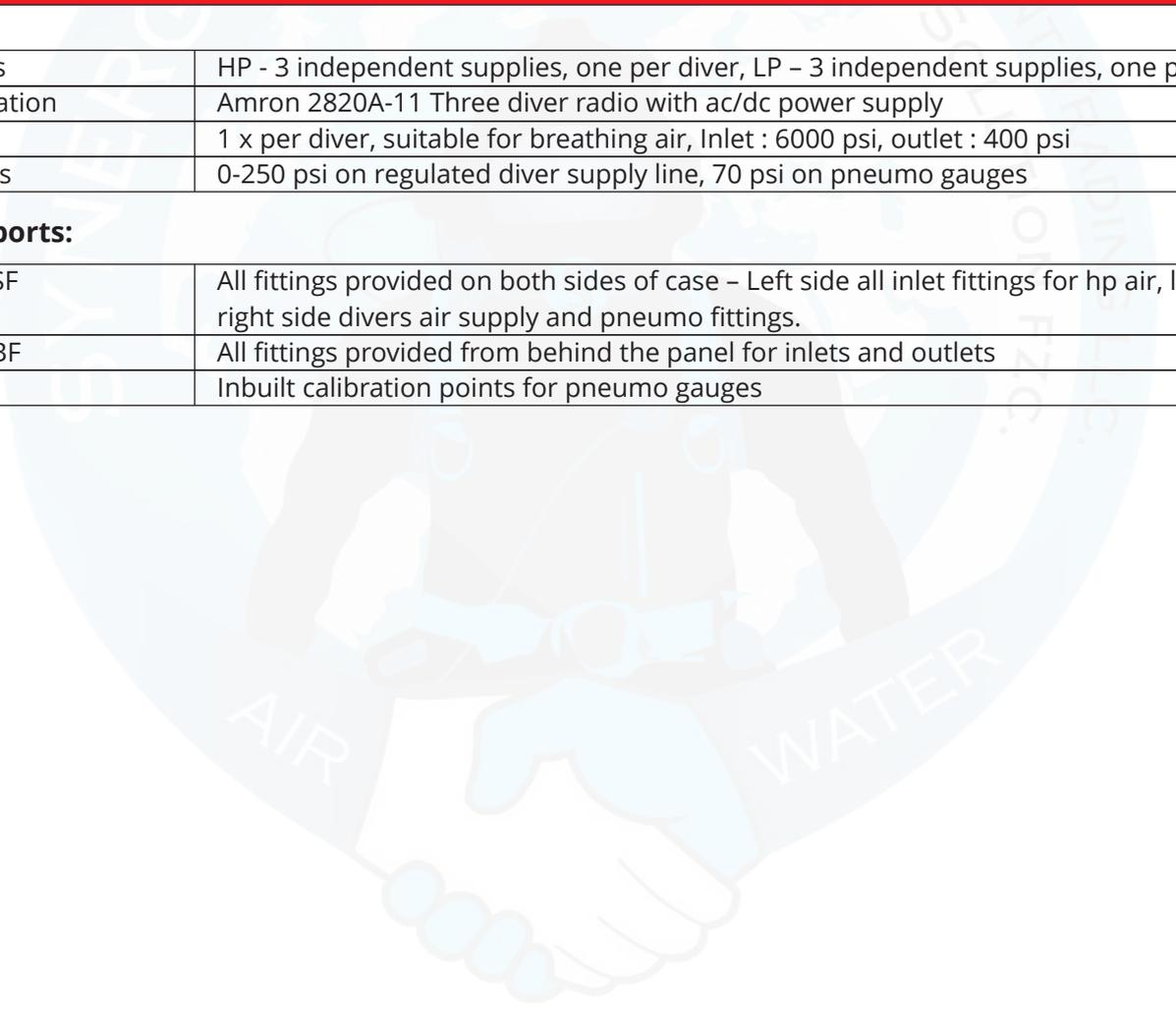
1 x 0-164 fsw/50 msw Depth gauge, 4", 0.25 % accuracy, mirror scale, with calibration point, Diver 2, Color coded <b>Blue</b> 
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1 x 0-164 fsw/50 msw Depth gauge, 4", 0.25 % accuracy, mirror scale, with calibration point, Diver 3, Color coded <b>Red</b> 
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Air Supplies	HP - 3 independent supplies, one per diver, LP – 3 independent supplies, one per diver
Communication	Amron 2820A-11 Three diver radio with ac/dc power supply
Regulator	1 x per diver, suitable for breathing air, Inlet : 6000 psi, outlet : 400 psi
Relief valves	0-250 psi on regulated diver supply line, 70 psi on pneumo gauges

**Air supply ports:**

Option 1 - SF	All fittings provided on both sides of case – Left side all inlet fittings for hp air, lp air, right side divers air supply and pneumo fittings.
Option 2 - BF	All fittings provided from behind the panel for inlets and outlets
Calibration	Inbuilt calibration points for pneumo gauges



## SY-2830A-11 AMCOM III THREE-DIVER RECHARGEABLE BASIC PORTABLE COMMUNICATOR

### SY-2830A-11 AMCOM III THREE-DIVER RECHARGEABLE PORTABLE COMMUNICATOR WITH OUTDOOR AC POWER MODULE AND INTERNATIONAL LOCKING POWER CORD



#### 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 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:

- Separate channels and volume controls for each diver and tender to accommodate individual earphone and microphone adjustments, equipment variations and individual comfort levels.
- Divers' umbilicals can be set to 4-wire mode (full duplex) or 2-wire mode (push-to-talk) or any combination of the two modes for any diver.
- Ability to use both dynamic and pre-amplified diver microphones with a unique circuit that detects microphone type and automatically adjusts volume levels.
- Weatherproof push-to-talk microphone for better voice intelligibility topside. For optimum clarity, see Tech Note (below) for other recommended equipment.
- 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.

## SY-2830A-11 AMCOM III THREE-DIVER RECHARGEABLE BASIC PORTABLE COMMUNICATOR

### 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: 41 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: 17.05 Lbs. (7.73 Kg)

### INCLUDED WITH COMMUNICATOR:

SY-2830A-11 AMCOM III Two-Diver Rechargeable Basic Portable Communicator with Outdoor Power Module and International Locking Power Cord includes:

- (1) SY-2405-28 Amron Hand-Held Push-to-Talk Microphone
- (1) SY-2890-05 Amron 12 VDC Sealed Lead Acid Gel-Cell Rechargeable Battery with Slide terminals
- (1) SY-283XA-UM Amron Three-Diver Portable Communicator User Manual

### AVAILABLE OPTIONS:

- SY-2460SM-28 Amron Single Muff Operator Headset with Boom Mic and Dual Banana Plugs
- SY-2401-28 Amron Deluxe Headset with Boom Mic
- SY-2822-28 Amron Remote Walk-and-Talk (4-wire mode)
- SY-2821-28 Amron Remote Walk-and-Talk (2-wire mode)

### TECH NOTE:

All communicators will inherently transfer topside noise to the divers when the tender speaks directly into the communicator's panel speaker. To eliminate background noise at the surface, use the 2405-28 Push-to-Talk Microphone, included with this model. For optimum communications, we recommend purchasing the 2401-28 Deluxe Headset with Boom Mic, topside. For tender mobility, use the 2401-28 Deluxe Headset with Boom Mic along with the 2822-28 Remote Walk-and-Talk (4-wire mode) or the 2821-28 Remote Walk-and-Talk (2-wire mode). For wireless tender communications, order the 2830A-03 Three-Diver Deluxe Portable Communicator with Wireless Tender.

**SYNERGY SURFACE DIVING HOSES AND UMBILICALS SY-AQUAFLOW**



**Diving Umbilical with protective outer sheet**



**Diving Umbilical with spiral wrap**



**Diving Umbilical without protective outer sheet**



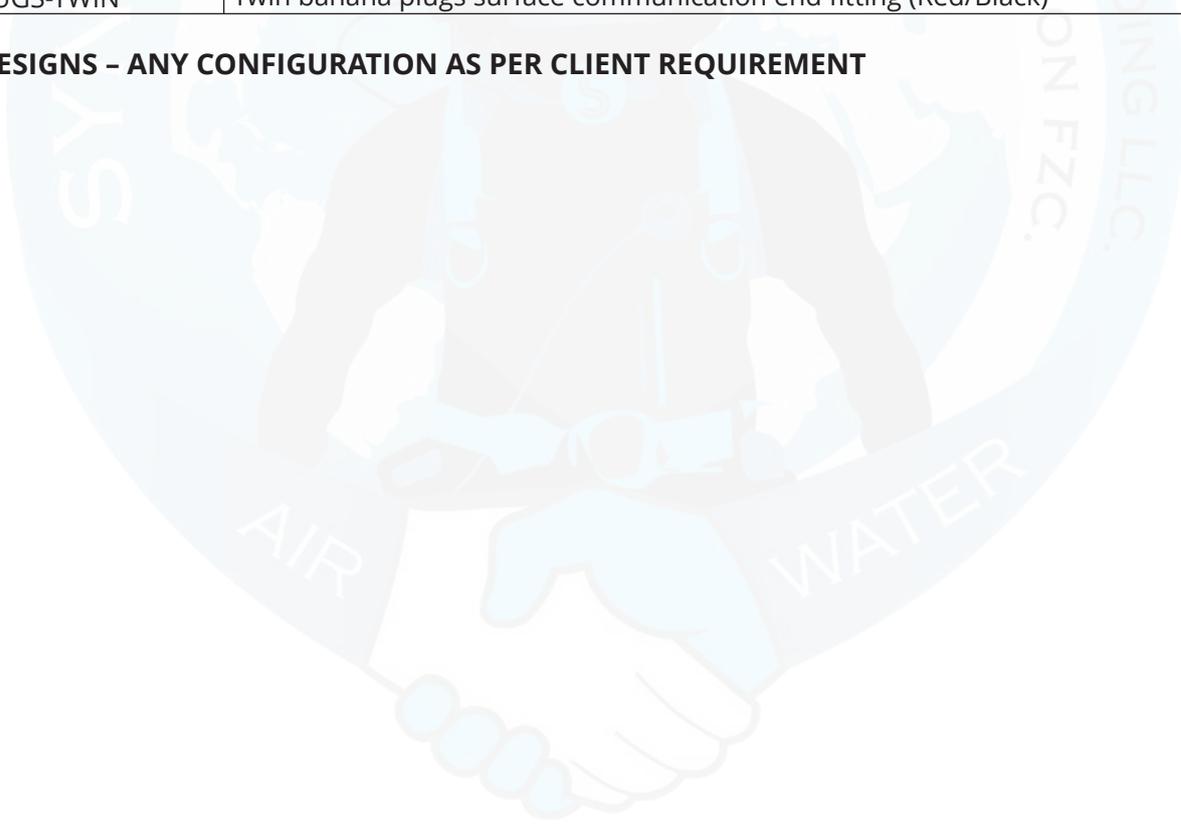
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**ORDERING INFORMATION**

Sr.	Part Number	Description
1	SY-3DAP-D040-R-SF	Portable three diver panel, offshore, imca with radio (no diver cctv), side inlet and outlet fittings
2	SY-3DAP-D040-R-BF	Portable three diver panel, offshore, imca with radio (no diver cctv), back inlet and outlet fittings

Sr.	Part Number	Description
1	SY-2830A-11	Amcom iii three-diver rechargeable basic portable communicator
2	SY-UDA-0204	4 core Umbilical air/gas, pneumo, communication and video cables
3	SY-UDA-0103	3 core Umbilical air/gas, pneumo, communication
4	SY-ORANGESHEATH	Full braided protective outer sheath (for complete protection of umbilicals)
5	SY-SPIRAL WRAP	Spiral wrap (in 10 mtr lengths) (for umbilical protection)
	<b>Fittings as below</b>	
6	SY-386-PB-AIR	3/8"x 6 jic phosphor bronze reusable umbilical air/gas hose end fitting
7	SY-144-PB-PNEUMO	1/4" x 4 jic phosphor bronze reusable umbilical pneumo end fitting
8	SY-RMG-3-FS	Marsh marine, 3 pin, Female, 18"
9	SY-BANPLUGS-TWIN	Twin banana plugs surface communication end fitting (Red/Black)

**BESPOKE DESIGNS - ANY CONFIGURATION AS PER CLIENT REQUIREMENT**



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# Contact us



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