



## EXO-BR

**The EXO Full Face Mask was designed for both surface supplied and scuba diving.**

By enclosing the diver's eyes, nose and mouth, the EXO permits nearly normal speech when used in conjunction with most wireless, and all hardwire underwater communication systems. Its light weight design allows divers to work long dives without jaw or neck fatigue. This mask has a modular communications design that permits rapid and simple maintenance. An optional Hard Shell gives added surfaces for mounting lights, cameras etc. The ear equalization device, a nose block which is adjustable to

several different heights, fits a wide variety of noses and faces. The oral nasal helps keep the CO<sub>2</sub> levels to a minimum and improves breathing and communications.

The BALANCED REGULATOR EXO-BR was developed to meet strict new European CE requirements, and is fully CE approved as well as U.S. Navy approved. It meets and surpasses EN 250 requirements for regulator performance. The EXO-BR frame is the same safety yellow as the standard SuperLite Helmets and KMB 18 Bandmasks.

The EXO-BR Balanced Regulator helps reduce the work of breathing for the diver. The regulator balances the intermediate air pressure against the valve sealing pressure inside the regulator. This enables the regulator to instantly adjust to changes in line pressure. The Balanced Regulator provides improved breathing and is adjustable for a wide range of intermediate pressures between 100 PSI - 230 PSI.

## Features

### **A. EXOskeleton Frame:**

A strong injection molded plastic external frame which gives the head harness an even pull completely around the mask seal. The EXO skeleton does not touch the diver's face. It is suspended just slightly off the face to hold the communication and breathing equipment in place without discomfort.

### **B. Head Harness:**

A pull through fixed buckle type with an automatic locking feature. Quick release buckles are featured on each rugged, double wide strap.

### **C. Communications Module:**

The communications module unscrews and is removed from the inside of the mask. Inside the module is a junction box for mating all the wiring for communications. EXO-BR Mask is available with several different communications configurations. First is the basic mask with no communications. The modular design allows communications to be easily retrofitted. Other configurations differ with the type of communications systems installed. When using an umbilical, the Bare Wire Communications Posts module serves as the hardwire attachment point for a simple two wire communications system. The Four Pin Male Waterproof (W.P.) Connector option ("marsh marine" type) allows for four wire/ round robin communications when diver to diver communication is desired. Both configurations include earphones and microphone. Wireless systems compatible with the EXO-BR is available through several different manufacturers.

### **D. EXO-BR BALANCED REGULATOR :**

CE approved as well as U.S. Navy approved. It meets and surpasses EN 250 requirements for regulator performance.

### **E. Regulator Adjustment:**

Provides demand regulator adjustment for a wide range of incoming air pressure. In addition, it can serve as a steady flow valve. Some divers prefer a slight steady flow on surface supplied air when air consumption is not a factor.

### **F. Oral Nasal Mask:**

Keeps CO<sub>2</sub> levels to a minimum and improves breathing and communications.

### **G. Mask Seal:**

Comprises the main rubber body of the mask. It is a soft neoprene that seals comfortably on the diver's face. The EXO skeleton is used to hold this soft rubber seal in place on the diver's face for a solid seal.

### **H. Faceplate Lens:**

Tempered glass for strength and minimum fogging. A strong plastic frame surrounds the glass to seal on the rubber mask seal.