



## *Magnacom series*

# *Wireless diver/surface units*



### Ordering information

Magnacom® MAG-1004HS 2-Ch. 70W Hybrid Transceiver  
Magnacom® MAG-1004-TAC 2-Ch. 70 W Transceiver  
Magnacom® SW-1000-SC 2-Ch. 70 W Hybrid Transceiver  
Magnacom® MAG-1004PS 2-Ch. 70W Portable Surface Unit  
Magnacom® MAG-1003PS 2-Ch. 70W Portable Surface Unit  
Magnacom® MAG-1001S 2-Ch. 70@ Surface Station



### Magnacom® MAG-1004HS 2-Ch. 70W Hybrid Transceiver

Created for Homeland Security applications, the Magnacom® MAG-1004HS is a variant of the Magnacom® SW-1000-SC. The powerful 70 watt transmitter ensures long range communications. The Secure Mode allows the users a secure way to communicate. This gives the Team the best of both worlds—through-water communications as well as diver-to-diver secure intercom. Further, with the use of an optional specially designed Buddy Line, multiple divers can participate on the secure line!

The Magnacom® MAG-1004HS does not have a sleep mode and uses different frequencies than the Magnacom® SW-1000-SC.

Channel A - 28.5 kHz LSB ("Channel 6")

Channel B - 32.768 kHz USB ("Channel 1")

With an output power (PEP) of 70 Watts the Magnacom® MAG-1004HS has a range of 6000m (in ideal conditions).



#### **Magnacom® MAG-1004-TAC 2-Ch. 70 W Transceiver**

The Magnacom® MAG-1004-TAC is a variant of the Magnacom® MAG-1004HS using a shorter (approx. 4') cable and locking connectors. The powerful 70 Watt transmitter ensures long range communications. The Secure Mode allows the user a secure way to communicate.



#### **Magnacom® SW-1000-SC 2-Ch. 70 W Hybrid Transceiver**

The Magnacom® SW-1000-SC is the most advanced, State-of-the-Art underwater communication designed to date. The powerful 70 watt transmitter ensures long range communications. The Secure Mode allows the users a secure way to communicate. This gives the Team the best of both worlds—through-water communications as well as diver-to-diver secure intercom. Furthermore, with the use of an optional specially designed Buddy Line, multiple divers can participate on the secure line!

It is similar to the Magnacom® Mag-1004HS designed for homeland security, however the SW-1000-SC features a sleep mode; and uses different frequencies.

Channel A - 25 kHz USB ("Channel 7")

Channel B - US Navy Channel F2

With an output power (PEP) of 70 Watt, in ideal conditions, the Magnacom® SW-1000-SC has a range of 6000m.



#### **Magnacom® MAG-1004PS 2-Ch. 70W Portable Surface Unit**

A through-water unit only, the Magnacom® MAG-1004PS is a variation of our Magnacom® MAG-1003PS, but is designed for both wireless and hard-wire use. It features dual channels and an output power (PEP) of 70 Watt. In ideal conditions, it has a range of up to 6000m.

The Magnacom® MAG-1004PS has 2 whips coming out of the top of the unit. One is the connection point for the tender's headset/boom mic. The other is for a comrope connection. The Magnacom® MAG-1004PS is only setup for 1 comrope connection, however you can purchase a splitter to accommodate additional comrope connections. It's important to note that this unit does not utilize our standard (4 wire) comropes. For more details please contact an OTS Sales Rep.

The Magnacom® MAG-1004PS comes standard with a THB-MAG Deluxe Headset w/boom microphone, rechargeable NiMH batteries, and a charger.



### **Magnacom® MAG-1003PS 2-Ch. 70W Portable Surface Unit**

A through-water unit only, the Magnacom® MAG-1003PS is a variation of our Magnacom® MAG-1003D but is designed for surface use. It features dual channels and an output power (PEP) of 70 Watt. In ideal conditions, it has a range of 6000m.

The Magnacom® MAG-1003PS comes standard with a THB-MAG Deluxe Headset w/boom microphone, rechargeable NiMH batteries, and a charger.



### **Magnacom® MAG-1001S 2-Ch. 70@ Surface Station**

The Magnacom® MAG-1001S surface station is a state-of-the art 70-Watt, dual-channel single sideband surface station designed to meet the demanding needs of the military. The Magnacom® MAG-1001S comes in a heavy duty housing and has many useful features including: record-out jack, front panel adjustable squelch and volume control, and hand-held microphone. It also comes standard with battery, battery charger, and transducer.

### **IHC Hytech BV**

Ramgatseweg 27, 4941 VN, Raamsdonksveer  
The Netherlands

T +31 162 52 22 02  
F +31 162 51 90 69

hytech@royalihc.com  
www.royalihc.com  
www.ihchytech.com