

**SP-100D, Surface Buddy Phone**

**Specifications:**

Length: 230mm  
 Width: 200mm  
 Height: 90mm  
 Nominal Range:  
 50m - 500m depending on sea conditions and noise levels  
 Reference Frequency:  
 32.768kHz upper single sideband  
 Audio Bandwidth:  
 300Hz - 3000Hz  
 Automatic Gain Control:  
 Greater than 100 dB  
 Transmitter / Audio Output:  
 ½ Watt (Transmitter)  
 ½ Watt (Speaker)  
 Microphone:  
 Hand-Held, Push-To-Talk, dynamic, 500 ohm. impedance  
 Transducer:  
 Encapsulated ceramic attached to a 35ft cable with connectors  
 Receiver Sensitivity:  
 Greater than 100 dBv  
 Squelch:  
 Digital, using human voice recognition

Battery Type / Life:  
 8 AA Alkaline batteries: 10 hours  
 16 AA Alkaline batteries:  
 20 hours (nominal)  
 Low Battery Alarm:  
 1 beep every 60 sec when battery level is below 7V  
 Record-Out:  
 Line level via panel RCA jack  
 External Power:  
 12V, DC at minimum of 1 amp. access via front panel mini double banana plug



**Compatible With:**

XT-100-H Buddy Phone  
 MKII-BUD/S Buddy Phone D2  
 RX-100-D2-A Buddy Phone  
 SCU-BUD/S Buddy Phone  
 STX-101 Aquacom  
 OR-BUD/S Buddy Phone  
 SSB-2010 Aquacom  
 TEC-BUD/S Buddy Phone  
 SSB-2000/1 Aquacom  
 STX-100 Buddy Phone

**Order Detail:**

Buddy Phone, 2 Channel Surface Station	D-C-508
--	---------

**RX-100, Buddy Phone**

**Specifications:**

Weight in Air: 198.45g  
 Nominal Range:  
 50m - 500m depending on sea conditions and noise levels  
 Reference Frequency:  
 32.768kHz upper single sideband  
 Audio Bandwidth:  
 300Hz - 3000Hz  
 Automatic Gain Control:  
 Greater than 80 dB  
 Transmitter / Audio Output:  
 Ceramic with dynamic depth compensation  
 Transducer: Ceramic cylinder  
 Operating Depth:  
 40m of sea water

Battery Type / Life:  
 Alkaline 9V "transistor" type  
 OTS special high energy NiMH  
 9.6V rechargeable (RBN-9H)



**Compatible With:**

XT-100-H Buddy Phone  
 MKII-BUD Buddy Phone D2  
 SCU-BUD/S Buddy Phone  
 SP-100D-2 Digital Buddy Phone  
 TEC-BUD/S Buddy Phone  
 SSB-2010 Aquacom  
 SSB-1001B Aquacom  
 STX-101 Aquacom  
 SSB-2000/1 Aquacom  
 STX-100 Buddy Phone

**Order Detail:**

Buddy Phone, Receive Only	D-C-509
---------------------------	---------

