

**UltraSystem SonicPRO - DC**  
4 transducer high-power output system



**System components (boxed new):**

**SonicPRO - DC**

- 1 x Ultrasonic control unit
- 1 x DC Power cable - 3m
- 4 x Transducer (S2B)
- 4 x Standard transducer mounting ring
- 4 x Transducer cable - 8m
- 1 x Silicone grease (10ml tube)
- 1 x Installation and User Manual
- 1 x Warranty document

**Control unit:**

Dimensions 250 x 160 x 92mm (W x H x D)  
IP rating Not rated. Back housing is vented for cooling. PCB is coated for vapour protection.

**Transducer:**

Dimensions 65 x 58mm (H x W) | standard transducer mounting ring - 86mm diameter  
IP rating IP68 waterproof (depth of 10m in heavy polluted water with cable connected)

**Cables:**

IP rating IP68 waterproof (depth of 10m in heavy polluted water)  
Type H05 RN-F 2G0.75 flexible rubber cable according to HD 22.4  
Size 6mm (diameter)

**Connectors:**

IP rating IP68 waterproof (depth of 10m in heavy polluted water)  
Pins High contact density, gold plated pins  
Insulator PA66  
Size 19mm (diameter)

**Power:**

Supply 12/24vdc  
Fuse rating 10amp  
Consumption 4 transducers: 3.4amps @ 24vdc (80 watts)  
*Consumption figure is the maximum draw depending on the program cycle.*

**Ultrasonic output:**

20-140kHz +/- 20 watts per transducer depending on frequency.  
Simultaneous output to all transducers via ADV-HP+ program (advanced high-power with additional frequencies)

**Warranty:**

Control unit 3 years  
Transducer 5 years

**Weight:** System weight: 4.55kg Shipping weight: 6kg

**RoHS compliant.**

**Manufactured to the requirements of the Low Voltage Directive (LVD) 2006/95/EC and Directive of Electromagnetic Compatibility (EMC) 2004/108/EC**

**LVD** EN60950-1:2006/A1 2010; EN60204-1:2006 **EMC** (emission) 61000-6-3; 61000-6-4 (immunity) 61000-6-1; 61000-6-2

**\*AC cable options:** UK Plug (1m); EU Plug (2m); USA Plug (1.8m) - plug is removable for fixed wiring into vessel AC circuit

SonicPRO systems are available with and can operate with 1, 2, 3 and 4 transducers - standard configuration is 4 transducers.