

UltraSystem PowerPlus - DC
3 and 4 transducer high-power output system

System components (boxed new):

3 Transducer System

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

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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 3 transducers: 2.5amps @ 24vdc (60 watts)
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:	3 transducers 3.75kg	4 transducers 4.55kg
Shipping weight:	3 transducers 5.25kg	4 transducers 6.05kg

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

Ultra PowerPlus systems are available with and can operate with 1, 2, 3 and 4 transducers - standard configurations are 3 and 4 transducers.