



SONOTRONICS

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SHP Fisheries Transmitters

Sonotronics Small High Power (SHP) transmitters help researchers track small animals over long distances. Available in 11 mm and 13 mm diameters, they can be used with fish weighing as little as 300 g under the 1.25% rule and produce source levels of 150 dB. Optional sensors provide additional environmental and behavioral data, including activity (accelerometry), depth (pressure), and temperature. SHP transmitters operate at frequencies from 69 kHz to 83 kHz and are compatible with many existing receiver arrays when configured with Open Protocol or R64K coding, and are available for surgically implantation (I) with a rounded shaped end for easier insertion or with endcaps with small holes for external (E) attachment. The following tables outline standard offerings; custom options are also available to extend transmitter life.

MODEL	Length (mm)	OD (mm)	WT in H ₂ O (g)	Source Level (db)	Autonomy (months)	Burst Rate (s)
SHP11-01 (I/E)	29/32	11	3.5	150	6	60
SHP11-02 (I/E)	45/48	11	4.9	150	28	60
SHP13-01 (I/E)	29/32	13	4.0	150	12	60

** table values are nominal, small variations are possible

MODEL	OPI	R64k	OPs
Compatibility Part numbers			
SHP11-01 (I/E)	OPI-1129	RCi-1129	OPS-1129-DTA
SHP11-02 (I/E)	OPI-1145	RCi-1145	OPS-1145-DTA
SHP13-01 (I/E)	OPI-1329	RCi-1329	OPS-1329-DTA

** individual sensors may be chosen



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Please view our website for further details www.sonotronics.com