

WES+ DATA SHEET

Fire Point Technical Data

Model Numbers: W2-FPT-CSS-U, W2-FPT-CSS-N, W2-FPT-SRO-U, W2-FPT-SRO-N



Device Parameters

Dimensions (mm) HxWxD:	235 x 161 x 128 (excl. antenna 81mm and USB 15mm)
Weight:	1.7kg
Operating temperature:	-25°C to +70°C
Humidity:	Relative humidity >95% (25°C to 55°C)
IP Code:	IP55C
Main sound frequencies & patterns:	800Hz to 970Hz swept at 1Hz – UK 1200Hz falling to 500Hz over 1 sec, silence 10ms – Germany

Minimum A-weighted sound at 1 metre

Position	Horizontal Plane dB(A)	Vertical Plane dB(A)
15	83.7	85.3
45	89.4	91.6
75	96.5	94.8
105	96.5	97.6
135	90.4	91.3
165	85.0	83.9

Supply Parameters

Operating voltage range:	4.4-6.4V from internal battery
EN54-3 voltage range:	4.4-6.4V from internal battery
Power:	620µW average
Current consumption:	120µA average
Battery type:	Alkaline primary cells, 23Ah

RF Parameters

Operating frequency:	868.3MHz
Transmit power:	25mW max
Duty cycle:	<1%
Encryption:	None
Channel spacing:	Single channel
Compatible with:	Other WES+ units
Protocol:	Proprietary

Taken from WES+ Installation and Operations Manual V2.4 Ramtech Electronics Limited 2018