

LIVE WIRE SMT-01 CFU

Bird Repellent System | Live Wire System Technical Specification Sheet

Patent Pending | Model SMT-01 | Version 1.0

Control Hub	
Measurements	9 x 6 x 4 in / 23 x 15.24 x 10.14 cm (L x W x H)
Weight	6 lb / 2.72 kg
Enclosure Material	Polycarbonate
Out Frequency	120-500 Hz ¹
Power Consumption	35 Watts
Rated Voltage	110 / 220–240 Volts
Current	20 mA/ 40 mA ²
Operation Voltage	2,500 Volts
Temperature Rating	-40°C to 130°C / -40°F to 266°F
Maximum Coverage	600 linear ft ¹ / 180 linear m (per system)
Mounting	4 mounting holes, max screw size 5/16 in or M8
Orientation	Mounted vertically with outlets facing downward



¹Output frequency controlled via dial.

²20mA corresponds to International power plugs & 40mA corresponds to NA power plug

Stainless Steel Wire	
Length (per roll)	600 ft / 182.28 m
Material	SS
Rated Voltage	3,000 V
Colors	Not Applicable
Gauge	22 AWG



Capacitors	
Measurements	10" x 8" x 4" / 25.4 x 20.32 x 10.16 cm
Weight	1 lb / 0.45 kg
Quantity**	25 per pack
Options	Choice between fixed and edge mount



** 4 x packs are required per control hub.

Ring & Spring	
Measurements	5" x 4" x 0.5" / 12.7 x 10.16 x 1.3 cm
Weight	0.11 lb / 0.04 kg
Quantity	20 per pack



Emitter Line	
Length (per roll)**	100 ft / 30.48 m
Material	XLPE sheathing with copper conductor
Rated Voltage	3,000 V
Colors	Dark Grey and Light Grey
Gauge	14 AWG



**1X Emitter line is required per control hub.

Line Extenders (Male / Female)	
Measurements	2.72" x 0.77" / 69 x 19.5 mm
Qty per System	2 each, 4 total
Material	Plastic
Ratings	UL 94V-0 & IP65



Male / Female Crimp Bushings		
Measurements	0.22" x 1.14" / 5.5 x 29 mm	
Qty per System	2 each, 4 total	
Material	Tin-coated copper alloy	

CFU Live Wire						
Family	Control Hub Version	Voltage	Wire Type	Wire Color ¹	Wire Length ²	Stand
SMT-01	-C=Controlled Frequency Unit	-1 =120NA	-L= Live Wire (uninsulated)	SS =Stainless Steel ¹	6 = 600 ft	-S = Screw in base (Live Wire)
		-2 =220EU				-C = Clip in base (Live Wire)
		-3 =230UK				-MS = Magnetic Screw Base (Live Wire)
		-4 =240AU				

Example: SMT-01-C-1-LSS-C

¹ Insulated Wire ships in 100 ft. roll

² SS wire ships in roll of 600 ft

Accessories Sold Separately

Signal Detector (Optional Purchase)		
Measurements	5.5" x 2" x 1.18" / 14 x 5 x 3 cm	
Weight	0.21 lb / 0.1 kg	
Batteries Included	N/A- Rechargeable	
Detection V/m limit	Up to 2000 V/m	

Crimp Plier		
Weight	1.25 lb / 0.56 kg	
Crimp Sizes	Suitable for three crimp sizes	

Certifications & Compliance

UL | CSA | IP65 (Control Hub) | IP66 (Connectors) | UL 94V-0 (Line Extenders & Branching Connectors)

Regional variants available: North America (110V~, 60Hz), UK (220 V~, 50Hz), EU (230V~, 50Hz), AU/NZ (240V~, 50Hz)

Warranty

24-month warranty from date of shipment. Contact solutions@bird-x.com for claims.

Contact Information

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