



## Animal Tracking System

Receiver Technical Information 1CH & 2CH		Supra Smart - collar transmitter		Smart - collar transmitter technical Information.	
Weight (with batteries)	210 g (12.25 ounces)	Weight (with batteries):	250 g	Weight (with batteries):	100 g
Dimensions operating	23 x 155 x 315 mm	Dimensions without antennas:	74 x 40 x 35 mm	audio frequency power:	max 70 mW
Dimensions storage/carry:	23 x 155 x 125 mm	Antenna length	210 mm	Dimensions without antennas:	47 x 37 x 21 mm
Operating Voltage:	7-10 V DC	Ground antenna length	180 mm	Antenna length	190 mm
Current consumption:	50-100mA	Operating Voltage:	7.2 V +/- 10%	Ground antenna length	170 mm
Frequency:	Crystal Dependent	Current Consumption:	~ 55 mA	Operating Voltage:	3 V +/- 10%
Output Power:	20 mW	Frequency: (Crystal Dependent - modified to need)	433.050 - 434.790 MHz	Frequency: (Crystal Dependent - modified to need)	433.050 - 434.790 MHz
Battery Type:	2 x 9V 6LR61	Maximal Output Power:	25 mW ERP	Current Consumption:	~ 30 mA
Operating Temperature:	-10 °C to +45 °C	Battery Type:	Lithium size AA 3.6 V (2pcs)	Output Power:	25 mW ERP
Storage Temperatures:	-30 °C to +55 °C	Battery Life:	700 hours	Battery Type:	Lithium CR 123 A 3.0 V
Spurious Signals on edge of channel:	-50 dB	Operating Temperature:	-10 °C to +55 °C	Battery Life:	450 hours
Spurious Signal Emission:	<2 pW	Storage Temperatures:	-10 °C to +60 °C	Operating Temperature:	-10 °C to +55 °C
Spurious Signal Rejection:	-80 dB 25 KHz	Spurious Signals:	by I-ETS 300 220 norms	Storage Temperatures:	-10 °C to +60 °C
Intercept Point:	-20 dBm > 2dB			Spurious Signals:	by I-ETS 300 220 norms
Sensitivity:	>130 dB			Spurious Signal Rejection:	+/- 25 KHz
DAAA:	>130 dB				

### Using The Smart

Install the battery to a collar and tighten the cover with a coin.

**To use** the receiver, the user simply draws the receiver's telescope antennas completely open from the body of the receiver.

Then user switch the receiver on by turning the ON/OFF switch clockwise. Noise can be heard from the loudspeaker and the led-lights are lit. The receiver is now ready to function.

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A small size pet collar



It is important that the receiver's gain knob so that the light bar rises to the middle when the transmitter transmits. It can be noticed that the light bar and indicator signal are stronger in one direction.

