



## Non-linear Junction Detector

### TWND-800

TWND-800 Non-linear junction detector, which can detect any electronic equipment hidden in walls, floors, ceilings, lamps, books, furniture or containers. No matter whether these electronic devices are transmitting signals or starting up, they can alarm through display, vibration and sound prompt, so that the ector can focus on the hidden target.

- **IPR:** fully independent intellectual property rights not limited by technical protection, can quickly customize features and optimize algorithms, technical security under greatly protected.
- **High accuracy:** the built-in second and third harmonic detection function can quickly and effectively identify the equipment containing semiconductor devices.
- **High sensitivity:** it can quickly identify semiconductor products hidden in walls or furniture.



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- **Low false positive rate:** the built-in nondestructive detection algorithm greatly improves the detection ability, and the false positive rate is very low.
- **Harmless to people:** the characteristics of the equipment meet HJ / T10.2 radiation environmental protection guidelines and management requirements, which are absolutely safe and harmless to human body.
- **Flexible and simple operation:** humanized operation interface, simple and intuitive; few keys for manual operation.

## Technical Specification

Technical Specification	
Product working frequency band	2.400GHz
Working voltage	7.4V
Frequency range	2.404 GHz - 2.472 GHz
Receiving 2nd~3rd harmonic range	4.808 GHz-4.944 GHz, 7.212 GHz-7.416 GHz
Pulse mode transmit power (maximum)	0~4W (ERIP)
Receiving sensitivity	<-140dBm
Battery working time	4 Hrs.
Battery type	Replaceable lithium battery
Detection distance	>6m, C-class product complying with GA1236-2015 standard
Detect penetrability	It can penetrate 370mm brick wall and meet the grade C product specified in GA1236-2015 standard
Interactive interface	LCD displays received harmonic signal intensity Supports audio prompts and headphone connection Supporting vibration tips
Product dimension	750mm x 114mm x 108mm ( $\pm 5\text{mm}$ )
Product weight	$\leq 1.52\text{kg} \pm 0.05\text{kg}$
Working temperature	-30°C~55°C
Working humidity	No more than 93%, no condensate

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**Disclaimer :** All pictures shown are for illustration purposes only. The actual product and color may vary due to product enhancement. The brief specification is mentioned and may change without prior notice. Please consult us before placing any order.