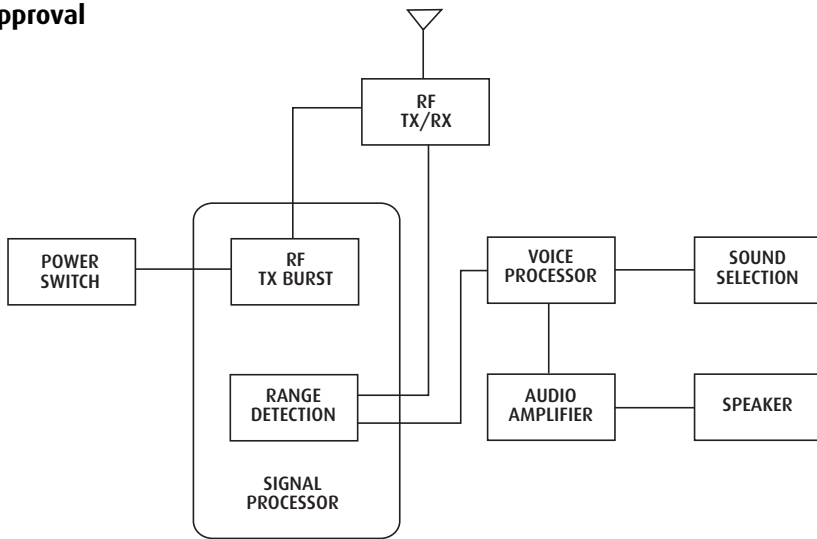


FCC Approval



This device may not cause interference. This device must accept any interference, including interference that may cause undesired operation of the device. Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment. 1. "Watch-Dog" is a structure of "RF TX/RX" device that transmits an RF signal, then detects the reflecting RF signal and senses the range. It then converts the signal to an audio alarm voice. The carrier frequency is generated by an LC resonant circuit "TR8", "L3", "C34". Center frequency is 2.4G Hz, ASK/100% modulated, 4K modulation signal, 1/10 duty. 2. The power switch is used to control the "Watch-Dog" system power. 3. Within the signal processing module, there is a "RF TX burst" section. It will generate a burst pulse to control the RF module and then turn the RF transmission on. 4. When an object comes within detection range, it will reflect the RF energy back to the RF receiver. 5. The RF receiving module will demodulate the RF signal to the "signal-processing" module. 6. The range detection section will process an incoming signal and then send it to the "voice processor". 7. The "voice processor" will send a different sound based on the "sound selection switch". It will transmit from the "audio amp" to the speaker.

Made in Taiwan.

POSTAGE  
REQUIRED



2306 Airport Rd.  
Waterford, MI 48327

# Rex PLUS<sup>®</sup>

The Electronic Watchdog  
That Never Sleeps

Operation Manual



ED-50

*"We Protect the Things that Protect You."*



**Safety Technology International, Inc.**

2306 Airport Rd., Waterford, Michigan 48327

Phone: 248-673-9898 • Fax: 248-673-1246 • [www.sti-usa.com](http://www.sti-usa.com)

Like father, like son. Introducing the next generation of Rex, the famous barking dog alarm. In addition to the sound of a ferocious, attack dog, Rex Plus offers the sounds of the rainforest. Choose the sound that suits you best. Try the continual sounds of the rainforest, or the option that allows you to use these same sounds as an annunciator. Another option includes the angry, barking dog followed by the sound of a siren for 20 seconds. Rex Plus is versatile and provides an excellent way to deter burglars, without the annoying problems of owning a real dog. With his electronic radar eyes, Rex Plus can “see” through thick doors, walls and glass. And once his cord is plugged into any standard 110 VAC electrical outlet, he’ll stay on duty around the clock, indefinitely.

**Rex Plus™ Features Include:**

- Your choice of four sounds:
  - Continuous sound of the rainforest
  - Barking sound of a ferocious attack dog
  - Sounds of the rainforest to announce the arrival of visitors
  - Barking dog and warning siren
- Very realistic - barking gets more frequent as intruder gets closer.
- Switches from the watchdog to the tranquil sounds of nature with the simple slide of a switch.
- Senses movement through walls, doors and glass.
- Variable distance sensitivity (up to 30’) as well as volume control.
- No installation required.

**Operation Instruction**

1. Insert the adaptor plug into the unit, then plug AC adapter into outlet.
2. Choose the feature you wish by adjusting the switch on the back of the unit.
  - a. Rainforest (sound is continuous).
  - b. Watchdog - Switch on this function and start detecting any intruder or large moving objects. When the intruder is 15 to 18 feet away, unit will bark once or twice. Barking gets more frequent as intruder gets closer.
  - c. Rainforest (entrance chime) - When the visitor is 15 or 18 feet away, the unit will sing the melody to announce the arrival of visitors.
  - d. Watchdog and Warning Siren - When the intruder is within 15 to 18 feet, the device will bark and a siren will alarm for 20 seconds.
3. Turn on the “VOLUME” switch and adjust the required “RANGE”.

**Note:** Generally, the “RANGE” is adjusted to its maximum before delivery. Therefore, it needs no further adjustment. In case it is too sensitive, turn the knob in a counter-clockwise direction to reduce the range.

**Operation Instruction Caution:** Rex Plus is designed for use indoors. Generally, the unit will not bark at a moving object behind it, but it may at certain positions. In this case, try to change its position slightly to be most effective. The unit should be placed at a height of 3-5 feet from the floor to obtain the widest range of detection.

**Detection Efficiency**

Rex Plus’s radar waves can detect through a variety of materials with maximum efficiency. The following chart serves as a guide.

<u>MATERIAL</u>	<u>EFFECT ON RANGE</u>
Glass	slight reduction
Wooden Doors	slight reduction
Plaster Walls	medium reduction
Metal (steel, bronze, aluminum) moving or there is a clearance.)	heavy reduction (detection is possible when metal is
Curtain Material	slight reduction
Fiberglass or Plastic	full detection
Paper Cartons	slight reduction

**Electrical Specifications**

Rex Plus consumes very little electrical power when in the “detecting” mode, but uses more power when barking.

Power Supply	12 VDC, 100 mA
Frequency	2.4 GHZ
Net Weight (lbs.)	2.2 lbs., including AC adapter
Power Detecting	0.22 Watts
Power Barking	2.6 Watts
Size (inches)	6” long x 5 1/8” wide x 7 1/2” high

**General Performance**

Distant approach	single or several barks
Medium distance	single/multiple barks
Close approach	fierce, continuous barks

**Limited 90 Day Warranty**

The company warrants this product for a period of 90 days from the date of purchase against original defects in materials or workmanship. Should this product fail to perform for either of the above reasons, the company will repair or replace the unit with an equivalent product at no charge to the owner within 45 days of the receipt of the defective product. For other repairs and for service after one year from date of purchase, please send for latest schedule of repair charges. This warranty gives you specific legal rights, and you may have other rights, which vary from state to state.

Please mail or fax (248-673-1246) card below to STI.

**WARRANTY CARD**

**Please complete and cut out form. Mail or fax to STI.**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: \_\_\_\_\_

Place of Purchase: \_\_\_\_\_

Purchase Date: \_\_\_\_\_

Comments: \_\_\_\_\_

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