

Radar Sentry (Microwave Electronic Dog) Manual

Introduction

Thank you for purchasing the Microtek Radar Sentry (Microwave Electronic Dog). The device is designed to provide maximum safety to your family and home by providing immediate warnings of an incoming intruder. By incorporating radar technology, the electronic dog can detect moving objects through various materials such as concrete and plaster walls, wooden structures, and window glass. A number of sound effects can be selected to alert you when an intruder approaches. As the intruder moves closer, the intensity of the sound effect responses with greater urgency -- the barks become growls, and the alarm beeps louder and faster. Adjustable volume and range of detection control enables you to select the appropriate level of settings necessary for your application. The electronic dog provides reliable security day and night whether you are away from home or at home asleep in bed. This versatile unit allows you to utilize it anywhere you please -- homes, apartments, dorm rooms, offices, garages, storage spaces, tents, cabins, trucks, containers, RVs, boats, etc.

Operating the Unit

Select a desirable position* for your unit. Make sure the selected position is close to an AC outlet. Insert the female head of the AC adaptor into the male slot labeled DC IN 12V on the back of the unit. Then plug the AC adaptor into the electrical outlet.

NOTE: Please use only the supplied AC adaptor included in this product.

*: Desirable positions: e.g. window sills of living room, family room, bed room, and kitchen; end tables near front window and main door; and the wall next to main gate and garage door.

Turning on the Unit

Open the unit cover and turn on the power.

Choosing a Sound Effect Switch

Select a sound effect by sliding the sound select switch to the following sound functions:

- 1) Westminster bell with a "Welcome".
 - A. For distance less than 3 feet, it will generate a voice "Welcome".
 - B. For distance between 4 to 6 feet, it will generate Westminster bell part II.
 - C. For distance longer than 7 feet, it will generate Westminster bell part I.
- 2) Dog barking sound follows with Siren.
 - A. Multiple dog barking with siren for distance less than 3 feet.
 - B. Two dog barking for distance between 4 to 6 feet.
 - C. Single dog barking for distance longer than 7 feet.
- 3) Dog barking sound without Siren.

The function is the same as the 2), except no siren for distance less than 3 feet.
- 4) Beeping
 - A. Intense high frequency high beeping sound for distance less than 3 feet.
 - B. Moderate beeping sound for distance between 4 to 6 feet.
 - C. Low beeping for distance longer than 7 feet.

Detection Range

The detection range can be adjusted using the range knob. There are four range selects available: 1) distance less than 3 feet, 2) distance less than 6 feet, 3) distance less than 9 feet, and 4) distance farther than 10 feet. The types of barking and beeping sound at different ranges can be selected. At maximum range sensitivity, the Radar Sentry will detect movement up to 20 feet away.

Sensitivity Control

Turn the sensitivity slide to adjust the desired sensitivity level.

Volume Control

Turn the volume slide to adjust the desired volume level.

Placement

Position the radar in the area you wish to detect motion. Radar technology allows the unit to have 1) a detection angle of 110° and 2) an ability to detect movement through a variety of non-metallic materials. Place the unit 3 to 5 feet above the floor with the unit facing towards the assigned area.

Characteristics

- Detect motion using advanced microwave detector technology.
- Penetrate window glass, doors, and walls.
- Adjustable volume control and detection range settings.
- Different sounds of warning signal depending on distance.
- The closer the intruder, the higher the beeping frequency of the warning signals.
- 5.8 GHz double pulse-frequency Doppler measurement.
- Operating distance up to 20 feet with 110° monitoring angles.
- Portable and versatile to be placed in any location.
- Temper proof, monitor outdoor motion with indoor devices.
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Specifications

- Power Supply: AC adaptor with 1 Amp and DC 12V.
- Operating Temperature: - 20° to + 65°C
- Detection: Microwave transmitter/receiver sensor
- Design: Microwave sensing with various frequency warning signals.
- Weight: 1.5 lb.s

Applications

- Intruder alert and warning.
- Apply wherever extra security is needed.
- Guard homes, offices, apartments, dormitory, RVs, boats, camping ground, etc.
- Deter any possible intrusion by strangers.

Benefits

- Provide peace of mind for home owners and family.
- Warns family and homeowner of possible intrusion.
- Safeguard valuables, irreplaceable jewelry, and documents.
- Extra security when stationing in a new unfamiliar place during traveling or camping.
- Reduce the risk of potential harm and damage caused by an intruder.