



- GB** Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.
- DE** Elektrische Altgeräte dürfen nicht mit den Haushaltsabfällen entsorgt werden. Bitte recyceln Sie dort, wo entsprechende Einrichtungen vorhanden sind. Fragen Sie bei Ihrer örtlichen Behörde oder Ihrem Händler bzgl. Recycling um Rat.
- FR** Les appareils électriques ne doivent pas être jetés avec les déchets domestiques: pensez à les recycler. Renseignez-vous auprès du revendeur ou de votre commune pour en savoir plus.
- ES** Los productos eléctricos de desecho no deben eliminarse junto con la basura doméstica. Por favor, recicle este producto si existen instalaciones para ello. Consulte con la autoridad local o el distribuidor para que le asesore acerca del reciclaje del producto.
- IT** I rifiuti elettrici non dovrebbero essere eliminati insieme ai normali rifiuti casalinghi. Riciclate quando possibile. Contattate le Autorità Locali o il rivenditore per informazioni riguardanti il riciclo.
- PL** Zużytego sprzętu elektrycznego i elektronicznego nie należy wyrzucać wraz z odpadami komunalnymi. Dlatego zużyty sprzęt należy przekazać do punktu zbierania zużytego sprzętu. W celu uzyskania dalszych informacji należy zwrócić się do władz lokalnych lub sprzedawcy detalicznego.
- PT** Os produtos elétricos em fim de vida não devem ser eliminados no lixo doméstico. Por favor, recicle nos locais onde existem instalações para isso. Consulte as suas Autoridades Locais ou o revendedor para obter aconselhamento de reciclagem.
- NL** Elektronische producten mogen niet weggegooid worden bij huishoudelijk afval. Recycle indien hiervoor faciliteiten aanwezig zijn. Raadpleeg uw plaatselijke autoriteit of winkel voor meer informatie over recycling.
- GR** Μη απορρίψτε τις άχρηστες ηλεκτρικές συσκευές μαζί με τα οικιακά απορρίμματα. Ανακυκλώστε τις στις κατάλληλες εγκαταστάσεις. Ρωτήστε τις τοπικές αρχές ή τα τοπικά καταστήματα ηλεκτρικών ειδών για την ανακύκλωση ηλεκτρικών συσκευών.
- RU** Электрическое оборудование нельзя выбрасывать вместе с обычным бытовым мусором. Если имеется такая возможность, пожалуйста, сдавайте устройство для вторичной переработки. Рекомендации по утилизации устройства можно получить у продавца или в местных органах власти.



- GB** mega-sonic® deer & wildlife deterrent Instructions
- DE** Anleitungen für die mega-sonic® Reh- & Wildtierabwehr
- FR** Instructions pour le répulsif mega-sonic® contre le Cerfs et Autres Animaux Sauvages
- ES** Instrucciones del Ahuyentador de Venado y Animales Silvestres mega-sonic®
- IT** Istruzioni deterrente per cervi e animali selvatici mega-sonic®
- PL** Instrukcja użycia urządzenia mega-sonic® odstraszającego zwierzęta łosiowate i inną dziką zwierzynę
- PT** Instruções para afastamento de veados e animais selvagens mega-sonic®
- NL** Instructies mega-sonic® afschrikmiddel voor herten en wilde dieren
- GR** Οδηγίες χρήσης για την mega-sonic® απωθητική συσκευή για άγρια ζώα & ελάφια
- RU** Инструкции для отпугивателя оленей и других диких животных mega-sonic®



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The Mega-Sonic Deer & Wildlife Deterrent from Defenders is a unique audio-visual deterrent that helps prevent deer and other foraging animals from damaging woodlands and vulnerable plants and shrubs. The unit features an adjustable PIR detection system combined with a powerful flashlight and FM radio speaker. Foraging animals activate the unit and are repelled without harm, eventually seeking a new habitat.

Features And Benefits

- The battery powered Mega-Sonic Deer & Wildlife Deterrent can be set up in garden, park or woodland areas where mains power is unavailable.
- PIR detection system maximises battery life and enables the unit to remain on standby until animals stray into the detection area. PIR sensitivity is adjustable.
- The powerful FM speaker will broadcast whenever the unit is activated. FM tuning and volume levels are fully adjustable.
- The LED light will flash on whenever the FM speaker activates.
- The Mega-Sonic Deer and Wildlife Deterrent has a weatherproof housing manufactured from durable ABS plastic.
- The unit is supplied with a mounting bracket for easy set-up.

Easy set-up

Battery powered with adjustable mount for set-up anywhere in the garden



Dual action

Flashlight and radio speaker deters animals without harming them



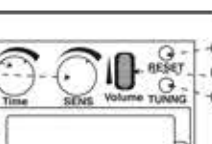
Automatic

PIR for motion-sensing of wild animals



Weatherproof

Durable housing built to withstand outdoor application



CONTROL SETTINGS (SEE DIAGRAM):

1. Battery compartment: Requires 3 x "D" sized alkaline batteries (not included). Be sure to follow the polarity diagram and insert the batteries correctly. Do not mix old and new batteries.
2. SENS: Adjust the sensitivity of the PIR motion detector. Typically leave it set at maximum (fully clockwise). To reduce the coverage area rotate the control counter-clockwise.
3. Time: Adjust the duration of the Deer & Wildlife Deterrent signal. Adjust from a minimum of approximately 15 seconds to a maximum of approximately 7 minutes. After the set time, the Deer & Wildlife Deterrent will rest and await the next activation.
4. RESET: Restart automatic radio tuning from the lowest FM frequency (88.3 MHz).
5. Volume: Rotate the knob down to increase the volume of the Deer & Wildlife Deterrent signal. Typically leave it at maximum volume to increase effectiveness. If necessary rotate the knob up to reduce the volume. Rotate the knob all the way up until it clicks to turn off the unit.
6. TUNING: Advance automatic radio tuning to the next received FM frequency. When you have reached the end of the FM tuning band (107.9MHz) you will note the received signal will no longer change. Press the RESET button to restart tuning at the lowest frequency.

BATTERY/CONTROL COMPARTMENT

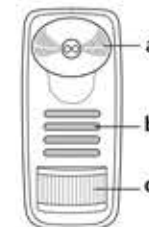
USE:

- Remove thumbscrew on rear of unit to access battery/control compartment.
- Insert 3 x "D" cell batteries. Ensure correct polarity by following the diagram. Use only new high-quality alkaline or lithium cells. Rechargeable batteries are not recommended. Dispose of exhausted batteries properly.
- Rotate the volume control (Volume) downwards to turn on the unit.
- If necessary, wave your hand in front of the PIR lens to activate the unit.
- Press the tuning button (TUNING) to automatically scan the FM tuning band to receive an appropriate strong FM broadcast signal. Repeatedly press the tuning button to choose your station. Press the reset button (RESET) to reset the tuning to the lowest frequency. Test reception by setting unit down and removing your hands. When the unit is close to your body, tuning sensitivity can change.

- Rotate the time duration control (Time) to the desired setting. Shorter durations will extend battery life while longer durations will have more effect on persistent pests. Experiment with this setting for best results.
- Rotate the sensitivity (SENS) control to the desired setting. Typically leave it set at maximum (fully clockwise).
- Re-install battery door and secure with thumbscrew. Insure the battery door is fully seated around the entire panel. Insure thumbscrew is tight to insure weather resistance. Do not over tighten.

Parts Identification (see diagram):

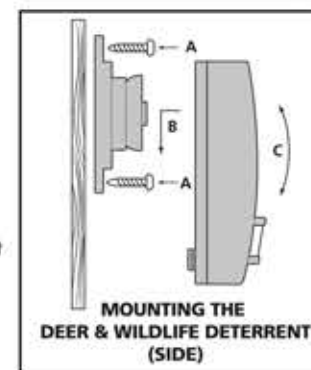
- a. LED lamp: Super-bright LED light source will illuminate when the Deer Repeller signal is activated.
- b. Loudspeaker: Powerful weatherproof speaker will sound FM broadcast radio when the Deer Repeller signal is activated.
- c. Passive Infra-red Motion Detection (PIR): the PIR detection area is adjustable up to a maximum distance of 8m and 110°.



DEER & WILDLIFE DETERRENT (FRONT)

MOUNTING (SEE DIAGRAM):

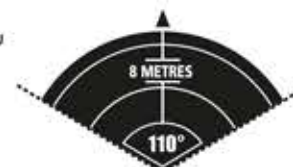
- A. Use the included screws or other hardware to mount the base plate to a suitable mounting surface. You can attach the plate to a fencepost, structure, tree, etc. Be certain not to pierce any plumbing or electrical equipment when you mount the base plate. Mount the base plate with the screw holes vertical. The Deer & Wildlife Deterrent unit is designed to mount to the base plate vertically. We do not recommend mounting the unit horizontally. The sensor will not work properly. Choose your mounting location carefully. The base plate allows you to adjust the angle of the Deer Repeller up or down. We suggest mounting the unit high enough that it is out of the reach of children. You can adjust the angle of the base plate down to protect the intended area.
- B. Attach unit to base plate by sliding mounting clip into matching slot on rear of unit. Then slide unit down on the clip until it is fully engaged. Be sure clip is fully inserted in slot.
- C. Rotate unit up and down to reach desired mounting angle. Base plate does not rotate from left to right, only up and down. PIR motion sensor has a wide angle of detection. Typically side to side adjustment is not necessary. Aim the Passive Infra-red motion detector (PIR) lens towards the protected area. The PIR features a range of approximately 25 feet at an angle of 110° (see diagram). If possible, aim the sensor at an area with fewer branches and/or vines. Branches moved by strong breezes may trigger the motion detector circuit. This is normal but should be minimized to extend battery life. The Loudspeaker and LED lamp have a longer range than the PIR. Once the signal is activated, the protected area will be larger than PIR range.



MOUNTING THE DEER & WILDLIFE DETERRENT (SIDE)

ADVICE:

- Choose a strong local FM signal if possible. FM reception conditions will vary with time of day and weather conditions.
- When possible choose your FM signal during the day. Typically reception is weaker during the day.
- Choose an FM broadcast signal featuring "talk radio" or news broadcasts if possible. Experiment with different FM broadcasts and observe results.
- Use the maximum volume level possible in your application. Louder signals will be more effective.
- When possible, mount the unit under cover. While the unit is weather resistant, shield it from direct sunlight and rain when possible.
- If possible, aim the PIR motion sensor at an area with fewer branches and/or vines.
- Branches moved by strong breezes may trigger the motion detector circuit. This is normal but should be minimized to extend battery life.



PIR RANGE DIAGRAM