



Model MP1R High Frequency Pest Scarer

How it works.

The MP1R pest deterrent is effective line of sight with the problem area up to a range of 50 feet, (15m) giving effective coverage of up to approx. 900 square feet per speaker. The sound is transmitted from the speakers at approx. 50 - 80 degrees. If the unit is placed in a square building it is best situated centrally. If the problem is at ground level place the unit so the speakers are at approximately at the head height of the pest. If the problem is birds, the unit should be at roost/perch level for best effect etc.

The high frequency sound irritates the pest, and over a period of time, they will leave the area as they find it intolerable. It is not an instant shift effect and pests will take cover in shadows (behind a wall, obstruction, or vegetation) to get away from the effect. Two or more units can be used if you cannot avoid a shadow.

The LEDs and strobes (if installed) have various effects when looked at by pests. Birds particularly it overloads their sensory receptors (momentarily blinding them) when a strobe flashes. When they see UV light flashing in a pattern it can give them an impression of movement, adding an extra visual deterrent. For Foxes, badgers, cats and dogs the 2 LEDs give them the impression of another creature's eyes looking at them giving them more reason to move on away from this area.

The LEDs / strobe flash in sequence for a few seconds 10-15 seconds after first powered up (if there is adequate light, as it is controlled by the light sensor on the side of the unit). Thereafter, it flashes at set intervals. See below for instructions on disabling the light sensor.

Changing settings.

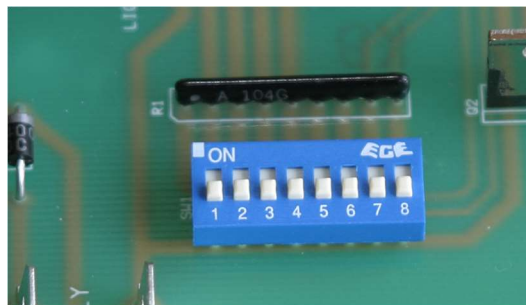
Please note: Before opening the unit to change any settings please disconnect the power supply

The MP1R has a daylight sensor on the side / base of the unit that will switch off the unit during the hours of darkness. To enable the daylight sensor operation, set switch no.1 on the circuit board inside the unit to the OFF position.

The default switch position should be 1-On, 2-On, 3-On

- For 24/7 operation, set switch 1 to ON.
- For sound during daylight and no sound during darkness – switch 1 Off. switch 7 Off
- For sound during darkness and no sound during daylight – switch 1 Off, switch 7 On.

If the MP1R is being powered by a battery, then using the light sensor to switch off the output during the night will extend battery life considerably. If maximum battery life is important, then setting switch no. 2 to the OFF position will introduce pauses into the audio output with the result of using less power.



Switches to change settings.

Setting the Units Position

1. Place the unit above the floor "looking" at the problem area. If using for birds, mount at the same height as the pest's head.
2. The strobes/LEDs (if fitted) and sound speakers should be visible in all areas you wish to "clear" to ensure you get no "shadows". Pests will hide in any area to get away from both effects. **Two or more units will be required if this is not possible.** Please see the below diagram explaining this



3. Connect the power supply. The strobe or UV LEDs (if fitted) will flash after 10-15 seconds (if sufficient daylight)
4. Note the red test button on the bottom / side of the MP1R. When pressed, audible sound is emitted to ensure the unit is working.
5. The unit is now ready to do its job, fix in place ensuring there are no obstructions. High frequency sound does not go through walls, floors etc. but will bounce off solid objects causing a shadow area behind.

Weather protection.

The power supply that comes as standard with the MP1R is **NOT** weatherproof and should always be protected from water. The MP1R unit is designed to be left outside if required.

Please note: The speakers should NOT be facing up or down. The speakers should always be parallel to the ground facing in the direction of the pests you want to scare

Safety Precautions



1. Do not place your ear near the speakers or point the device directly at another person; although they appear silent, a high level of ultrasonics is being transmitted.
2. We have been producing ultrasonic devices for nearly 20 years, and as such have gathered lots of information and believe the units, we produce to be perfectly safe in use. For further information on ultrasonics there is an excellent research document prepared by The Institute of Sound and Vibration Research for The Health & Safety Executive (Contract Research Report 343/2001) which is available online from Southampton University.

Additional information

In the unlikely event that the pests have not reduced within three to four weeks of use, please telephone us for advice as there may be numerous reasons why they have not cleared, and we may be able to help.

You can contact PestGo2 on 01684 607002 or mail us on info@pestgo2.com