

# Birdbuzzer

Versatile ultrasonic/audible bird deterrent with many domestic and industrial applications in and around buildings

- Choice of ultrasonic or audible output.
- Control length of blast from easy to use control unit.
- Control length of interval.
- 90 constantly changing sounds from up to 8 twin speaker units on long cables.
- Change from ultrasonic mode to audible for short blasts on demand.
- Suitable for industrial and domestic buildings, power and communications towers, churches, gardens, boats and many other applications.

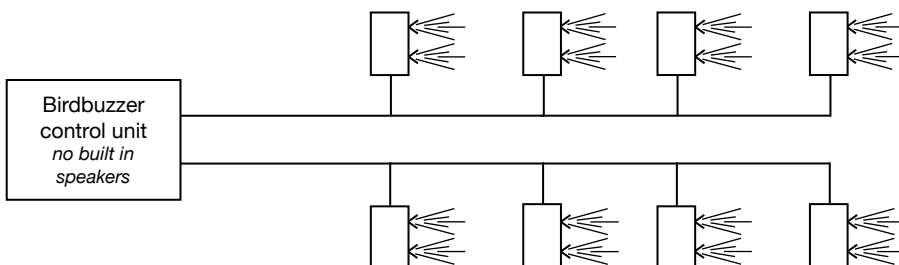


## Recommended Combinations

The Birdbuzzer is likely to be used in ultrasonic mode most of the time but can be switched at the flick of a switch to audible for short blasts on demand. It is ideal for use where the control unit is required to be located inside a building near the user but with all the output coming from slave waterproof speakers located either outside, or at a distance from the user.

The Birdbuzzer has no built-in speakers but can have up to 8 waterproof twin speaker slave units

on cables which can be supplied to your specified length. It can be powered by mains electricity or 12 volt battery.



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## Description

The Birdbuzzer is designed as a mains or 12 volt battery powered bird deterrent with a choice of audible or ultrasonic output of over 90 constantly changing sounds from up to 8 external twin speaker slave units on long cables thus enabling the sound to be directed where it is needed yet can be controlled from nearby buildings by the flick of a switch with fingertip control from the master unit.

## Operating instructions

The twin speaker slave units are available as “end” units with one socket or “intermediate” units with 2 sockets. These can be connected in series to the Birdbuzzer with a lead which has a blue twist-collar connector at one end and a black two pin plug at the other. If using both “end” and “intermediate” slave units they are connected by a cable which has a black two pin plug at each end.

- Position the speakers where required.
- Fit the speaker cables to the rear of the Birdbuzzer control unit.
- Plug the control unit into the cigar socket of the power supply. The power supply is available either as a universal mains plug, or with crocodile clips for attachment to a 12 volt battery.
- Switch ON/OFF using the rocker switch on the left. When tilted up by pressing the topside of the rocker switch the output is AUDIBLE. When pressed down the output is ULTRASONIC.
- Adjust the “DURATION” knob which controls the length of blast time between a minimum of 1 second and maximum of 250 seconds.
- Adjust the “INTERVAL” knob which controls the interval between blasts for periods of a minimum of 1 second and a maximum of 250 seconds.
- When switching from ultrasonic to audible or vice versa it is advisable to pause for a few seconds in the middle “OFF” position.
- Typically the Birdbuzzer may be used ultrasonically most of the time but switched to audible for short blasts when extra deterrence is required.

## Warning:

1. Switch off at the mains before connecting or disconnecting the cigar plug and socket combination. The cigar plug and socket combination is not waterproof.
2. The twin speaker slave units are gasketed and water resistant. The control unit is not water resistant and should be kept dry.

## Technical Specification

<b>Power</b>	12 volts / DC lead acid accumulator 30 amp / hour minimum (small car battery) or 12 volt / 2 amp mains eliminator. Mains power supply: 100 – 230 volt input switch mode mains power supply with UK 13 amp adaptor module with interchangeable European or US head and cigar lighter socket. Operating voltage 11.5 – 15 volts / DC. Peak current consumption 2 amp. Average current during sound 1 amp. Standby 0.0025 amp. Protected against reverse polarity. Fused.	<b>Temperature</b>	-30°C to +90°C
		<b>Blast Duration</b>	Adjustable from 1 second to 250 seconds.
		<b>Blast interval</b>	Adjustable from 1 second to 250 seconds.
		<b>Size</b>	Master Unit: 187 X 118 X 57mm Slave unit: 250 X 120 X 90mm
<b>Sound output</b>	Ultrasonic: Max SPL at 500cm 117 dB(A) Audio/ultrasonic: Max SPL at 500cm 119 dB(A)	<b>Weight</b>	Master unit: 0.7kg Slave unit: 0.8kg
<b>Sound Frequency</b>	3.5 kHz – 27 kHz	<b>Construction</b>	Powdercoated die-cast aluminium

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**Birdbuzzer**

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