

# Runwayler

Mobile bird deterrent designed to be mounted on a vehicle



With horn speakers

- Ideal for use with airport runway patrol vehicles to prevent bird strike.
- 90 constantly changing sounds.
- Two types of speakers for mounting externally.
- Control unit can be powered by 12 volt DC supply from cigar socket.
- Perfect mobile partner to any static Wailer system adjacent to runways.



With slave speakers

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## Description

The Runwayler is designed as a mobile bird deterrent with over 90 constantly changing sounds with a choice of two types of speakers for mounting externally on a runway patrol vehicle with a small control unit which can be powered by 12 volt DC supply from a cigar socket on the dashboard of the vehicle.

## Operating instructions

The Runwayler can be fitted with either:

- 2 horn speakers
- or up to 4 twin speaker slave units,
- or a mixture of 1 horn speaker with up to 2 twin speaker slave units.

If using the horn speakers they are fitted with flying leads for connection to the rear of the Runwayler control unit with the blue twist-collar connector. If using the twin speaker slave units these are available as "end" units with one socket or "intermediate" units with 2 sockets and these are connected to the Runwayler with a lead which has the blue twist-collar connector at one end and the two pin plug at the other. If using both "end" and "intermediate" slave units they are connected together by a cable with a twin plug at each end.

1. Fit the selected speakers to the vehicle
2. Fit the speaker cables to the rear of the Runwayler control unit
3. Plug the control unit into the cigar socket of the vehicle
4. Switch ON/OFF using the rocker switch on the left.
5. Adjust the "DURATION" knob which controls the length of blast time between a minimum of 1 second and maximum of 250 seconds
6. Adjust the "INTERVAL" knob which controls the interval between blasts for periods of a minimum of 1 second and a maximum of 250 seconds

## Demonstration use

For demonstration use an adaptor lead is available which has a cigar socket at one end and crocodile clips for connection to a portable 12 volt battery at the other end thus enabling the unit to be used when a vehicle is unavailable.

### 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 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>Sound output</b>	Audio / ultrasonic: Horn speakers: Max SPL at 1m 122 dB(A) Slave piezo speakers: Max SPL at 500cm 119 dB(A)	<b>Size</b>	Master unit: 187 x 118 x 57 mm Slave unit: 250 x 120 x 90 mm Horn speaker: 285 x 274 x 274 mm
<b>Range</b>	10 hectares	<b>Weight</b>	Master unit: 0.7 kg Slave unit: 0.8 kg Horn speaker: 2.15 kg
<b>Sound Frequency</b>	Horn speakers: 250 Hz – 10 kHz Slave piezo speakers: 3.5 kHz – 27 kHz	<b>Construction</b>	Powder-coated die-cast aluminium

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