

Scarecrow Premier 1500



Vehicle mounting bio-acoustic bird dispersal system designed to combat the nuisance, health hazard or bird strike caused by a range of species.

SCARECROW
BIO-ACOUSTIC SYSTEMS

The broadcast of distress calls, as part of an integrated bird management scheme, has proved effective for bird dispersal from airfields and surrounding areas. It is an essential part of flight safety and must be carried out efficiently to minimise bird strike risk to aircraft, their passengers and crew.

Scarecrow are acknowledged leaders in their field, producing digital audio storage systems of the highest technical standard. Scarecrow products are approved and used by major civil airports and in military aviation throughout the world, representing state of the art technology to fully meet the challenging task of bird strike avoidance.

Scarecrow bio-acoustic bird dispersal systems are humane and inoffensive in their function, exploiting natural bird behaviour for their success. New technology, designed to further improve the well established efficiency of Scarecrow Premier products, forms the basis of this product. 12v vehicle operation (24v operation available), requires the addition of two loudspeakers. Standard distress calls included: see technical specification below.



Hand-Held Remote Control 1235

Technical Specification – Scarecrow Premier 1500. Installation manuals are available on request, pre equipment purchase, free of charge.

- Rated output power:** 30 Watts RMS, 40 Watts peak, into 4 ohm load. Using two Scarecrow 1211 high efficiency horn loudspeakers, sound pressure levels in excess of 110dBA @ 6 metres and a useful operating distance of 300 metres can be sustained.
- Supply requirements:** 12v DC; peak current 2.8 Amps. Quiescent: 150 mA. In line DC fuse; reverse polarity protection. 24v powering is an option.
- Interface connections:** DC supply input and loudspeaker output: 4 pin plug and socket, anti-vibration screw lock
Microphone, VHF Relay 1 & 2, Remote Start: Four DIN female multipoles. RJ45 – for full remote control handset 1235. RS232 port for computer data interface.
- Controls:** Premier 1500 includes software connection to laptop computers, to capture further information to enable data logging of the product use via the RS232 port. For users of ISIS software it provides a 2 way link, driven by compliance issues, to measure process performance and manage risks real time.
- Volume:** Rotary, 12 position, stepped attenuator.
Power: ON/OFF switch and power indicator.
Function Switch: a) Microphone/Remote b) Aux 1/VHF Radio 1 c) Aux 2/VHF Radio 2
d) Birds: Playback of nine pre-stored bird calls e) Playback of a pre-stored voice message: extra cost option
f) Playback of 'dee-dah' siren tone *N.B. The selected store will continuously repeat until cancelled.*
- Additional Facilities:** a) Live announcement using 1210 fist microphone.
b) Relay of host vehicle's VHF communication radios. Fully isolated transformer input: maximum sensitivity 1v, suitable for connection to the vehicle radio's loudspeaker output.
c) Provision for optional plug-in hand held remote control 1235, enabling Premier to be stowed elsewhere in the vehicle.
- Finish:** Mist grey powder coated aluminium case, fully screening the enclosed electronics; black powder coated, scratch resistant, metal front and rear panels, white annotations.
- Dimensions:** 70mm high, 230mm deep, 220mm wide: underdash mounting bracket provided.
- Weight:** 2.1Kg.
- Included bird calls:** 9 standard bird distress calls included: Herring Gull, Common Gull, Black-Headed Gull, Lapwing, Starling, Crow, Feral Pigeon, Magpie and Rook.
- Extra cost options:** Silver Gull, Black Starling, Jackdaw, Jay, Blackbird, Carrion Crow, Crested Myna, Ibis, Sparrow, Song Thrush, Yellow Legged Gull, Oystercatcher and Canada Goose. *Others are regularly added after evaluation trials. Please request the latest list from the Scarecrow Sales Office or visit our website.*
- Computer Database Interface:** **ISIS v3 software.** ISIS will load into laptop or fixed computer systems operating on Windows 98 or later and enable automatic recording of time, date and duration of use of Premier 1500 for the dispersal event. The laptop can also be used to control Premier 1500.



SCARECROW
BIO-ACOUSTIC SYSTEMS



PO Box 66, Uckfield, East Sussex TN22 3ZR, England
Telephone: +44 (0)1825 766363 UK Freephone: 0800 917 8488 Fax: +44 (0)1825 766361
Email: sales@scarecrow.eu Web: www.scarecrow.eu

In the interests of product enhancement, Scarecrow Bio-Acoustic Systems Limited reserve the right to modify their specifications without notice.
The Scarecrow logos, names and devices are copyright of Scarecrow Bio-Acoustic Systems Ltd. E&OE ©2008