

# SCARECROW PREMIER 2020

Vehicle installed bio-acoustic bird dispersal system



EFFECTIVE BIRD DISPERSAL FROM AIRFIELDS AND SURROUNDING AREAS



**scarecrow**  
AVIATION  
Nature Inspired Bird Dispersal

Scarecrow's bio-acoustic bird dispersal systems are humane and inoffensive in their function, exploiting natural bird behaviour for their success. A new advanced storage technology, designed to further improve the well established efficiency of Scarecrow products, forms the basis of **Premier 2020**.

**Premier 2020** offers effective airside bird dispersal using bio-acoustics; it is a highly effective bird dispersal system with the capability to upgrade to a complete data logging and analysis system.

**Scarecrow Premier 2020** operates from 12 or 24v dc sources and has been designed to be vehicle installed to provide a complete bio-acoustic bird dispersal system when connected to scarecrow roof mounted loudspeakers; these will promote a vertical beam of sound reaching into the sky above to ensure distress calls are maintained until the subject birds have dispersed from the immediate area.

#### Upgrade to Scarecrow B.I.R.D. Tab™

The full facilities of the **Scarecrow B.I.R.D. Tab™** system can be added at any future date, to display a database of bird recognition information, including full screen illustrations to aid species identification.

**Scarecrow B.I.R.D. Tab™** establishes proof of dispersal procedures completed in real time, logging Operator, species, time and date; its inbuilt GPS function logs the vehicles airside position from where dispersal took place.

Equally, if a **Scarecrow B.I.R.D. Tab™ Reporting Only** system has been previously installed then adding the **Premier 2020** upgrade kit to the vehicle will provide a full data logging and analysis system, combined with bird dispersal capabilities.

Both **Premier 2020** and **Scarecrow B.I.R.D. Tab™** are designed to fully interface.



## Remote Control

A hand held remote control, providing all the features available from the **Premier 2020** front panel can be connected to allow the 2020 processor to be stored under a vehicle seat, or elsewhere.



## Technical Specification – Scarecrow Premier 2020

- Rated output power: 40 Watts RMS 55 Watts peak into 4R 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: 12-24V DC, filtered to EMC Compliance and polarity protected. Twin resettable fusing. 20mA standby current, 6 Amps @ peak output.
- Power up facility:
  - a) front panel ON/OFF switch
  - b) use of fist microphone PTT, if applicable
  - c) use of Remote Control Unit
- Power off facility:
  - a) front panel ON/OFF switch
  - b) 'no use' time out
  - c) use of Remote Control Unit
  - d) release of fist microphone PTT, if applicable.
- Interface connections:
  - 1) DC supply and loudspeaker : 5w pluggable screw terminal block
  - 2) Four DIN lockable female multipoles : Microphone, AUX 1 and AUX 2, Remote start
  - 3) Remote Control : RJ45 connector.4) GPS : Not used on basic **Premier 2020**
- Controls:
  - All control of available facilities is by push button selection.
  - Using the front panel LCD screen it is possible to select sound level, bird calls as displayed on screen, together with selection of:
    - a) AUX1, AUX 2 audio input facilities for relay of the vehicles VHF radio signal from the airport Control Tower
    - b) 'make way' dee dah siren tone
    - c) The playback of a pre-stored announcement , i.e., "passengers assemble over here". Other language announcements are possible
- Warranty: Standard 12 month return to base warranty
- Finish: Basalt grey powder coated 3mm aluminium case, fully screening the enclosed electronics. Black powder coated, scratch resistant, front and rear panels with white annotations.
- Calls Included: Herring Gull, Pigeon, Jay, Common Gull, Magpie, Heron, Black Headed Gull, Jackdaw, Falcon, Lapwing, Starling, Rook, Crow, Novel Sound. Other calls can be included to special order (in exchange for a standard call).

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