

PREMIER 2020

Vehicle installed bio-acoustic bird dispersal system

WORLD LEADERS IN BIO-ACOUSTIC DISPERSAL



EFFECTIVE BIRD DISPERSAL FROM AIRFIELDS AND SURROUNDING AREAS



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.

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 **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 **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 2020 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.
Report Presentation:	All reports can be printed in various formats, e.g. complete data table, simple line graphs, pie charts, bar charts, area charts etc. Full management reports are available containing this data together with map images. Photographic evidence taken with the tablet camera can be incorporated within Reports.
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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In the interests of product enhancement, Scarecrow Group Limited reserve the right to modify their specifications without notice.

