



# SCARECROW BIO-ACOUSTIC SYSTEMS

KEEPING BIRDS AT BAY

Incorporating



## DIRECTOR 1356

*HAND HELD PORTABLE PUBLIC ADDRESS*

**GUIDE FOR CARE AND OPERATION**

**WORLDWIDE COPYRIGHT PROTECTION**

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PO Box 66, Uckfield, East Sussex, TN22 3ZR, England  
Telephone: +44(0) 1825 766363 Fax: +44(0) 1825 766361 UK Freephone: 0800 917 8488  
E-mail: [sales@scarecrowbio-acoustic.co.uk](mailto:sales@scarecrowbio-acoustic.co.uk) / [sales@communication-technology.co.uk](mailto:sales@communication-technology.co.uk)  
Website: [www.scarecrowbio-acoustic.co.uk](http://www.scarecrowbio-acoustic.co.uk) / [www.communication-technology.co.uk](http://www.communication-technology.co.uk)

REGISTERED IN ENGLAND NO. 01568506 VAT REGISTRATION NO. GB680 0269 46  
REGISTERED OFFICE: 8 LONSDALE GARDENS, TUNBRIDGE WELLS,  
TN11 1NU



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**Thank you for purchasing this DIRECTOR hand held portable public address system.**

**\* Please read these pages before use\***

### **HANDLE WITH RESPECT**

With care, **DIRECTOR** will give you a lifetime of use. Take note of these pages and, for safety, **always store DIRECTOR in the showerproof bag provided.** There is a separate, zipped, compartment for spare batteries.

### **PRECAUTIONS - EAR DAMAGE**

**DIRECTOR** must **never** be operated near the ear or with the horn directed towards the ear. When testing the unit, point it downwards towards a non reflective, sound absorbent surface.

### **PRECAUTIONS - BATTERY LIFE**

Always keep **DIRECTOR** loaded with batteries and regularly check the battery power. Exhausted batteries may not only make **DIRECTOR** inoperative, but may damage the total product if they should leak.

### **PRECAUTIONS - ENVIRONMENTAL**

**DIRECTOR** is designed to operate in most environments but it is preferable not to leave it exposed:

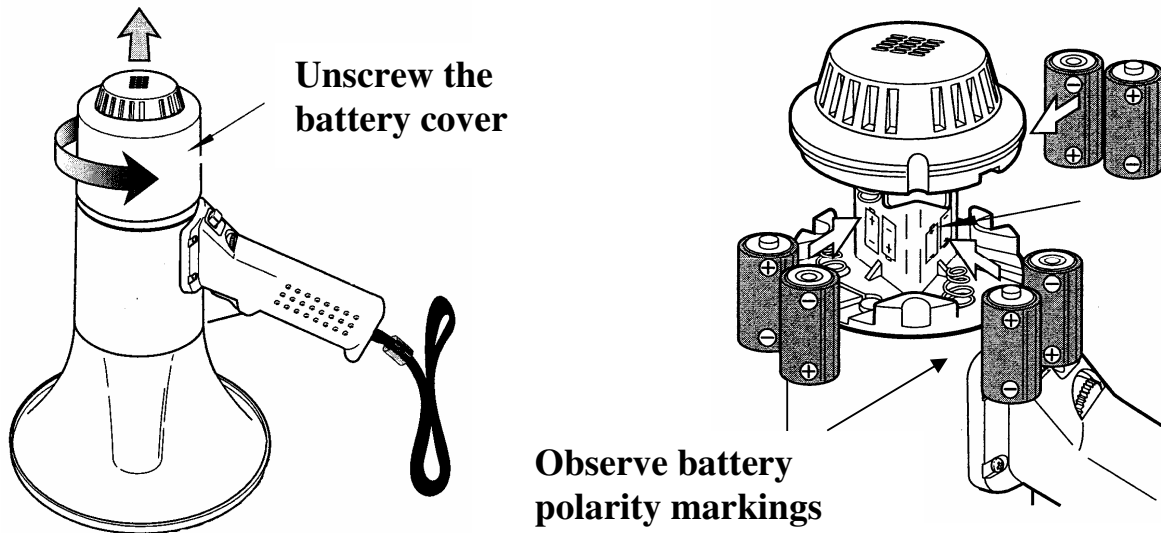
- (a) in direct sunshine for long periods
- (b) near any source of radiant heat
- (c) where temperature or humidity is high

**DIRECTOR** is proof to IP65 but please do not leave it in the rain or drop it into water. If it gets wet, wipe it dry with a clean cloth, making sure **NOT** to use any petroleum based cleaner or proprietary chemical impregnated cleaning cloths which may damage / compromise the exterior surfaces and / or labelling.

### **SETTING TO WORK - OPERATIONAL USE**

**DIRECTOR** has a detachable safety wrist strap. When not in use **DIRECTOR** should be stored in its showerproof bag.

## SETTING TO WORK - BATTERY LOADING (C size)



Unscrew the battery compartment cover, located at the microphone end of **DIRECTOR**; turn the cover to the left, anticlockwise, to remove it. Place six 'C' dry cells in the compartment as indicated, matching the polarity markings on the cells with those on the compartment. Replace the battery cover by turning to the right, clockwise.

Always be sure to use the same type of battery at any one time: **do not mix brands or types**, e.g. rechargeable with non-rechargeable. When changing any cells consider changing all of them at the same time otherwise battery life may be shortened or leakage or explosion may occur. For maximum performance we recommend Alkaline batteries, e.g. Duracell, C, now available with 'health' indicators.

In general, avoid putting battery-powered devices in very warm places; extreme heat or cold reduces battery performance. Where the equipment is to be used or stored in extreme temperatures, always use Alkaline batteries, which perform much better and have a longer life-span than carbon batteries under such conditions.

### POINTS TO NOTE

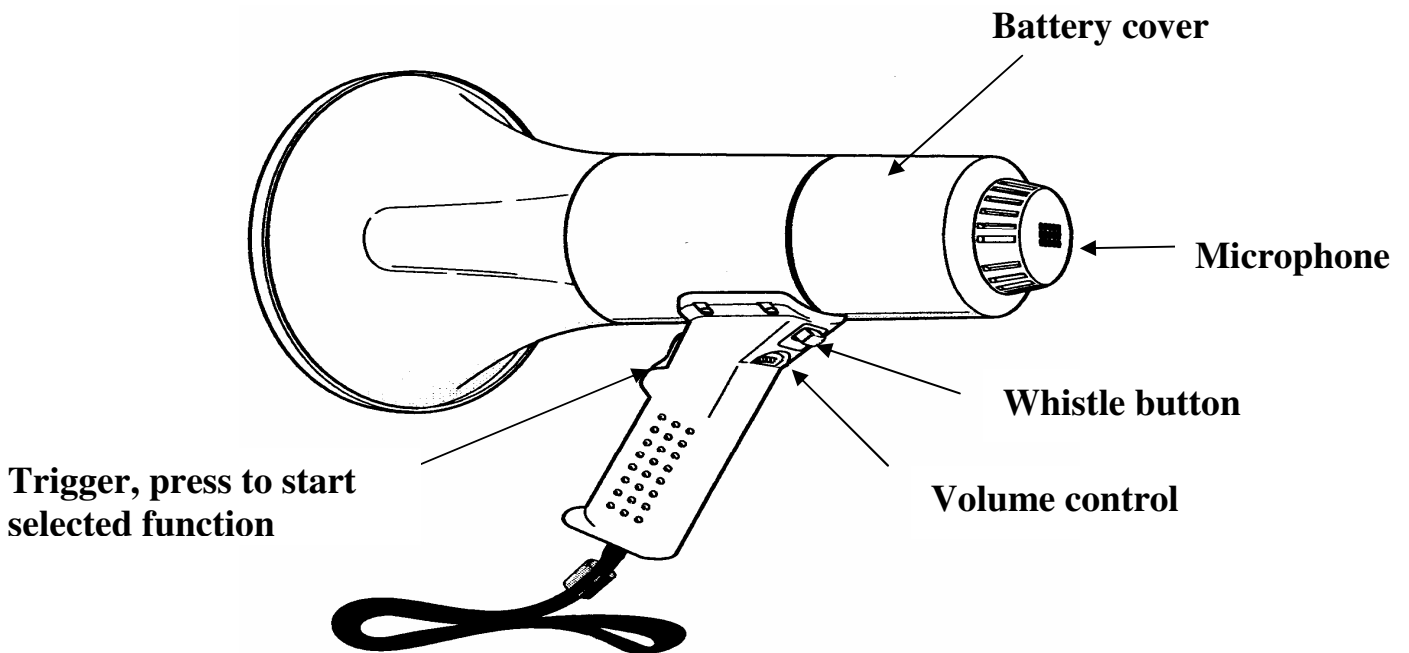
1. Remove discharged batteries promptly to prevent possible damage from battery leakage. Never dispose of batteries in fire, they could explode.
2. Do not attempt to recharge a battery unless the battery is specifically marked "rechargeable". Recharging a non-rechargeable battery may cause it to rupture, or leak.

3. Do not store spare/replacement batteries loosely or carry them loose. Batteries can be shorted by contact with metal objects and consequently leak or rupture. Use the special zipped area of the equipment carrybag for stowage.
4. Remove batteries if it is expected that the equipment will not be in use for several months.
5. Always keep the battery contacts in a clean condition. If dirty or damp this could reduce battery life or promote failure to operate. Keep a fresh spare set of batteries in the bag compartment provided.

### **SETTING TO WORK – IDENTIFICATION LABELS**

Self adhesive Decals - **Safety Officer, Marshall** etc - are provided and the chosen one should be carefully cut out and placed on the side of **DIRECTOR**, to enable identification of the user.

### **SETTING TO WORK - THE CONTROLS**



There are three controls on **DIRECTOR**.....

#### **1. TRIGGER SWITCH**

This is located in the front surface of the Operating Handle.

When the trigger switch is pulled, **DIRECTOR** is in the operating condition. When the switch is released, the instrument is off. Make it a habit to pull the trigger only while talking, which will save battery power to a considerable extent. If the trigger switch is pulled whilst the whistle is sounding, the whistle stops and voice amplification is possible.

## 2. WHISTLE BUTTON

When the RED whistle switch is pressed down until a "click" sound is heard, the whistle starts to sound regardless of the setting of the volume control. Releasing the switch stops it.

## 3. VOLUME CONTROL

Adjust the volume control to the desired speaking level - which can be as high as necessary without causing acoustic feedback, acoustic coupling between the **DIRECTOR** loudspeaker and its microphone, resulting in extreme noise.

### **SETTING TO WORK - MICROPHONE USAGE**

When in use the microphone should be about 1.0 to 2.0 cms from the mouth; any closer and the sound quality may be impaired, further away and sufficient amplification may not be obtainable.

### **SETTING TO WORK - ALARM WHISTLE**

**DIRECTOR** is fitted with an alarm siren for attracting the attention of personnel about to be addressed, or for simply warning of danger as in the case of a moving vehicle used in a crowded area.

Press the **WHISTLE** button to start; release to stop. For security purposes the sound level of the alarm siren is pre-set.

**TAKE GREAT CARE NOT TO POINT DIRECTOR AT PEOPLE CLOSE BY WHEN USING THE ALARM SIREN; THE OUTPUT LEVEL IS SUCH THAT PERMANENT EAR DAMAGE COULD RESULT.**

In the unlikely event of service being necessary, please return the product direct to:

### **SCARECROW BIO-ACOUSTIC SYSTEMS LTD.**

Service Unit  
Unit 33/35 Bell Lane  
Bellbrook Business Park  
Uckfield  
East Sussex TN22 1QL  
England

Telephone: +44 (0)1825 766363

Fax: +44 (0)1825 766361

*Please state the reason for return, a contact name and telephone / email address and a full return address for the repaired item.*

## **DIRECTOR**

### **TECHNICAL SPECIFICATION**

**POWER OUTPUT** Rated 15 watts, 20 watts peak.

#### **EFFECTIVE OPERATIONAL DISTANCE**

Voice: approximately 350 metres  
Siren: approximately 450 metres

These approximations will be influenced by ambient temperature, wind direction, the maximum use of output power and reflections from buildings.

**POWER SOURCE** 6 'C' size primary alkaline or rechargeable cells (9 volt total)

#### **BATTERY LIFE (approx)**

Voice: intermittent use totalling 36 hours  
Siren: intermittent use totalling 90 minutes

**OPERATING TEMPERATURE RANGE:** -10 degrees C to +45 degrees C

#### **PHYSICAL DIMENSIONS**

210mm maximum horn diameter, 320mm total length

**UNIT WEIGHT (NETT):** 1.5Kg, including batteries

**ACCESSORIES INCLUDED:** Showerproof, soft carrying bag 1357

Assembled from components of Japanese origin, re-engineered in UK for the demanding tasks of emergency services, military, civil and industrial applications.