

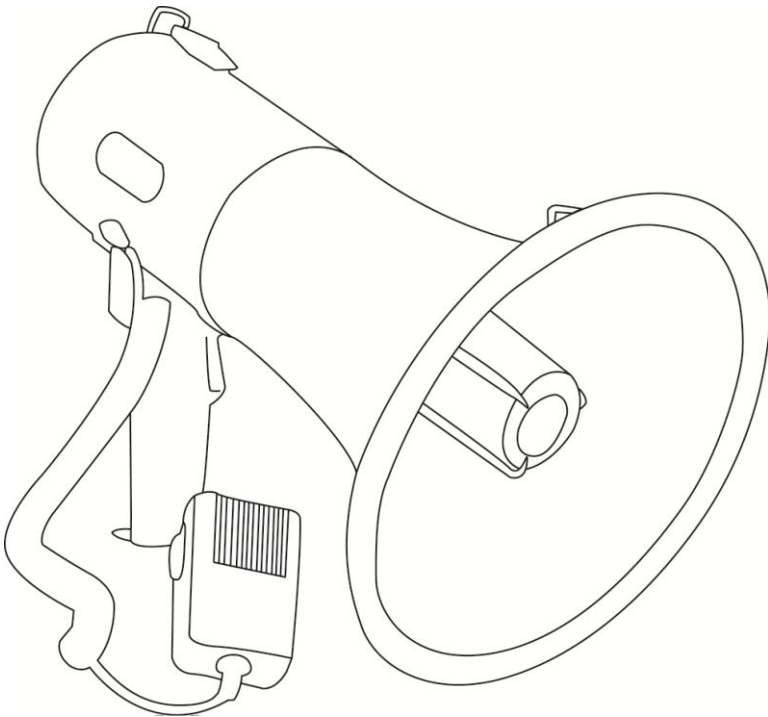
**MG220**

Megaphone with Siren 30W

Item ref: 952.019UK

User Manual

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Caution: Please read this manual carefully before operating  
Damage caused by misuse is not covered by the warranty

## Introduction

Thank you for choosing the Adastra MG-220 megaphone for voice reinforcement. This product is designed to offer convenient and easy operation for a wide range of portable public address requirements. Please use the following instructions to gain the best results from your megaphone.

## Safety

The MG-220 megaphone can produce high sound pressure levels at close quarters. Please be aware not to aim the horn flare toward listeners at close proximity, which may risk damage to the listeners' hearing.

The MG-220 operates from 8 x "D" cell batteries. It is advised to use alkaline or NiMH batteries and to remove these when not in use for long periods of time. Some batteries can leak fluids which are corrosive and can cause damage to the internal circuitry.

**Note:** It is important to load the batteries into the rear compartment with the correct polarity. Failure to do so will result in the megaphone not working and could lead to overheating and damage to the unit. Please check the diagram in the "Setting up" section below.

This product does not have a recharging circuit, so it is not possible to recharge NiMH batteries when installed in the unit.

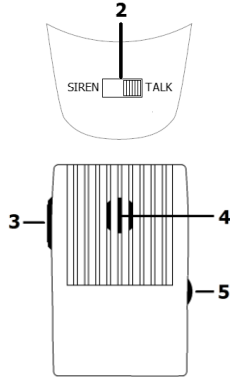
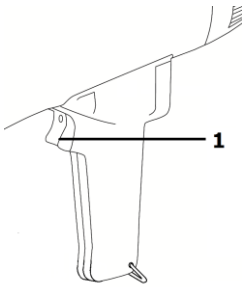
## Positioning during operation

When in use, the pistol grip of the megaphone should be held firmly with the flare facing toward the audience. Alternatively, the megaphone can be slung under the arm using the supplied shoulder strap. In between uses, the megaphone can be placed on a flat surface with the flare facing downward, protected by the rubber trim around the flare edge.

## Cleaning

The housing is water resistant and can be cleaned with a damp cloth. Do not use detergents or solvents on the housing and take care not to allow liquids to get inside the housing at the rear or via the battery compartment.

## Controls

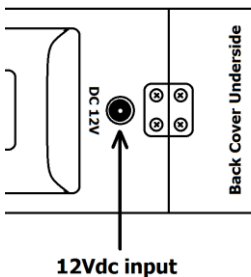
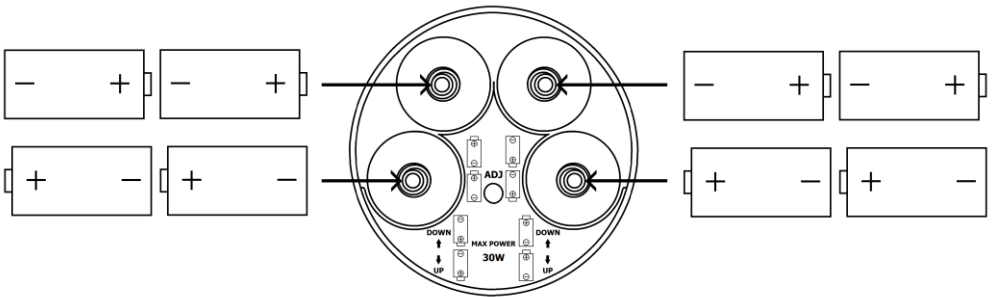


1. Trigger switch
2. Siren switch
3. Push to talk switch (with lock)
4. Microphone
5. Volume control edge roller

## Setting up

Before operating the MG-220 megaphone, it will be necessary to load it with 8 x "D" cells (or "LR20"). To access the rear battery compartment, release the lever clip at the top and allow the rear cover to fold down.

Load the battery holders with 8 x "D" cells, taking care to align the + and - polarities as shown below. Polarity symbols are also imprinted on the inside of the rear cover to help with this.



Alternatively, the MG-220 can be powered by an external 12Vdc source (such as car battery) connected via a 2.1mm DC jack located between the pistol grip and rear cover hinge. This jack is covered with a rubber plug for protection.

The image on the left shows the underside of the rear of the megaphone.

## Operation

The pistol grip should be held firmly in one hand with the rear panel facing toward the operator and the flare facing away. Alternatively, the megaphone can be slung under the arm using the supplied shoulder strap.

Holding the microphone in the other hand and pressing in the push-to-talk button (3) will activate the microphone. If the push-to-talk button cannot be pressed in, it may be locked. Slide this button down to unlock and press in to talk. If there is no sound, check the batteries are loaded with the correct polarity.

Set the volume control edge roller (5) to the centre of its travel and speak into the microphone (4). Adjust the volume control to the required volume level.

Alternatively, the microphone may be hooked onto the rear cover for single handed operation. Pressing the trigger switch (1) activates the microphone.

There is also a siren function which emits a loud sweeping tone for warnings or alerts. To activate this, slide the siren switch (2) on the rear of the pistol grip to the SIREN position. Sliding it back to the TALK position cancels the siren.

Remove batteries if not being used for long periods of time.

## Specifications

Battery	12Vdc (8 x D cell, not supplied)
Rated output power	30Wmax
Range	600m
Dimensions	340 x 230mmØ
Weight	2kg (no battery)



**Disposal:** The "Crossed Wheelie Bin" symbol on the product means that the product is classed as Electrical or Electronic equipment and should not be disposed with other household or commercial waste at the end of its useful life. The goods must be disposed of according to your local council guidelines.

*Errors and omissions excepted.  
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