

# Installing the SoundSign



## Installing the SoundSign

The SoundSign is very quick and simple to install

Installation of a Sound Sign is very simple.

Select the required trigger level, connect the 12v power supply to the unit and mount the SoundSign onto a wall.

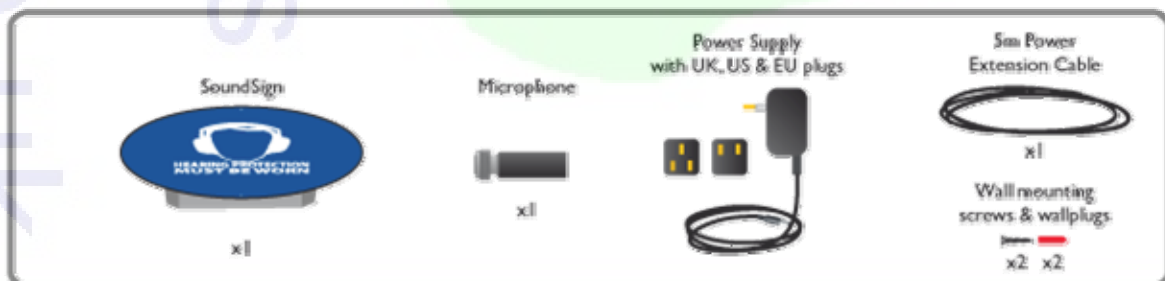
When the noise level measured by the microphone reaches this level, the sign will illuminate and show the warning. The unit can also be set to keep the warning illuminated for up to 30 seconds after the level has fallen back below the trigger level.

This removes the sudden on-off indication that traditional noise warning signs often produce and which can cause confusion as to when PPE should be worn. The Sound Sign avoids these problems.

The sound level chosen for the trigger point can be set using either the simple level selection on the back of the unit or by using a calibrated Sound Level Meter to provide a reference measurement.

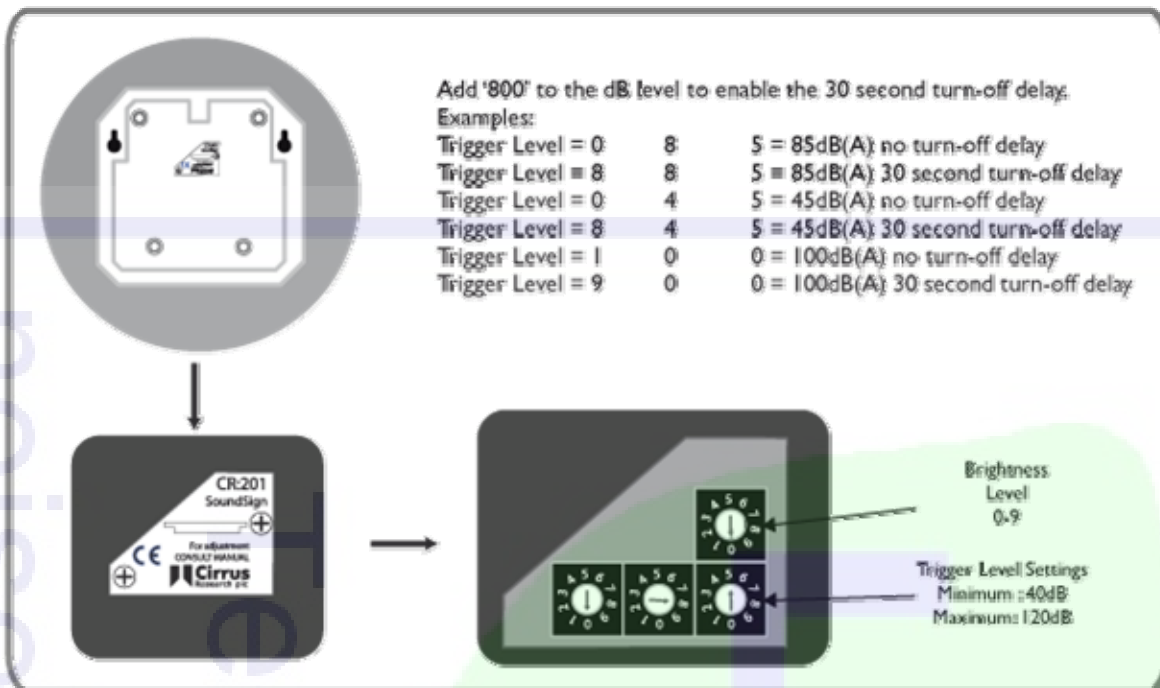
To install the SoundSign, follow these simple steps:

### 1. Open the box and check the contents



### 2. Set the trigger level and display delay

Remove the rear panel to access the trigger level and display delay settings.



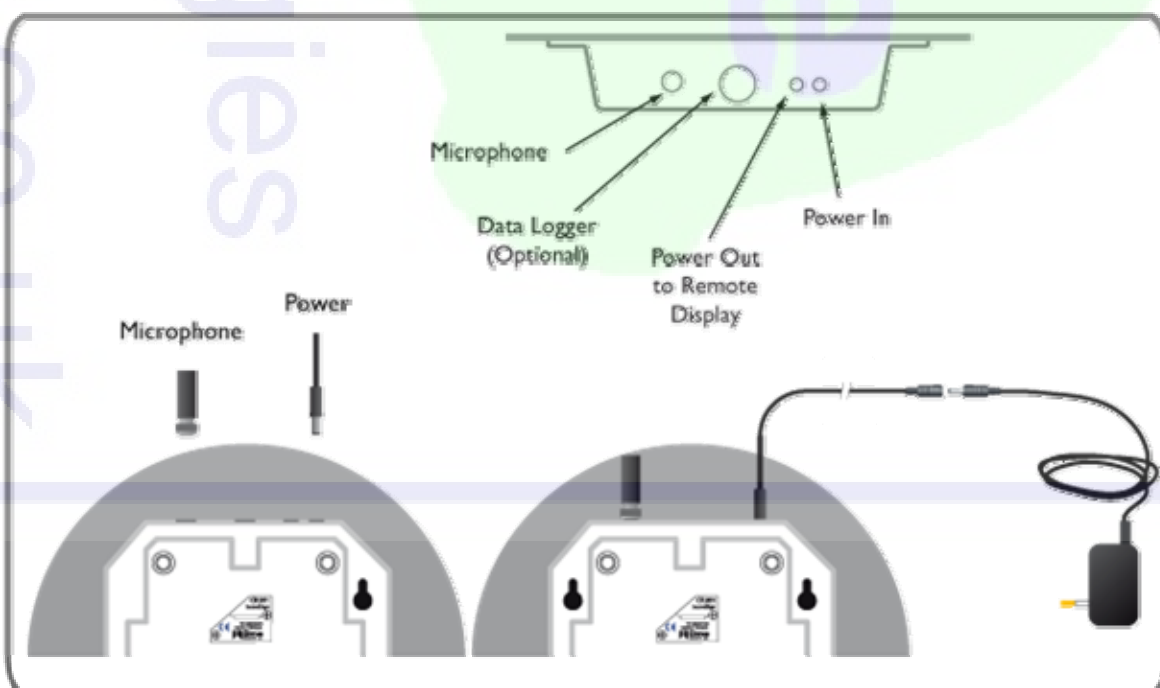
When setting the trigger level, remember that this is the level at the microphone. Adjust the level to take account of any distance between the microphone and noise source.

For example, if the aim that the SoundSign illuminates at 85dB(A) at a nearby operator position, it may be necessary to measure the noise level at the operator position and at the position of the SoundSign and see if there is any difference. This can then be taken into account when setting the trigger level.

A range of **accessories** are available including a low cost Sound Level Meter which can help in the installation and setting of the trigger levels.

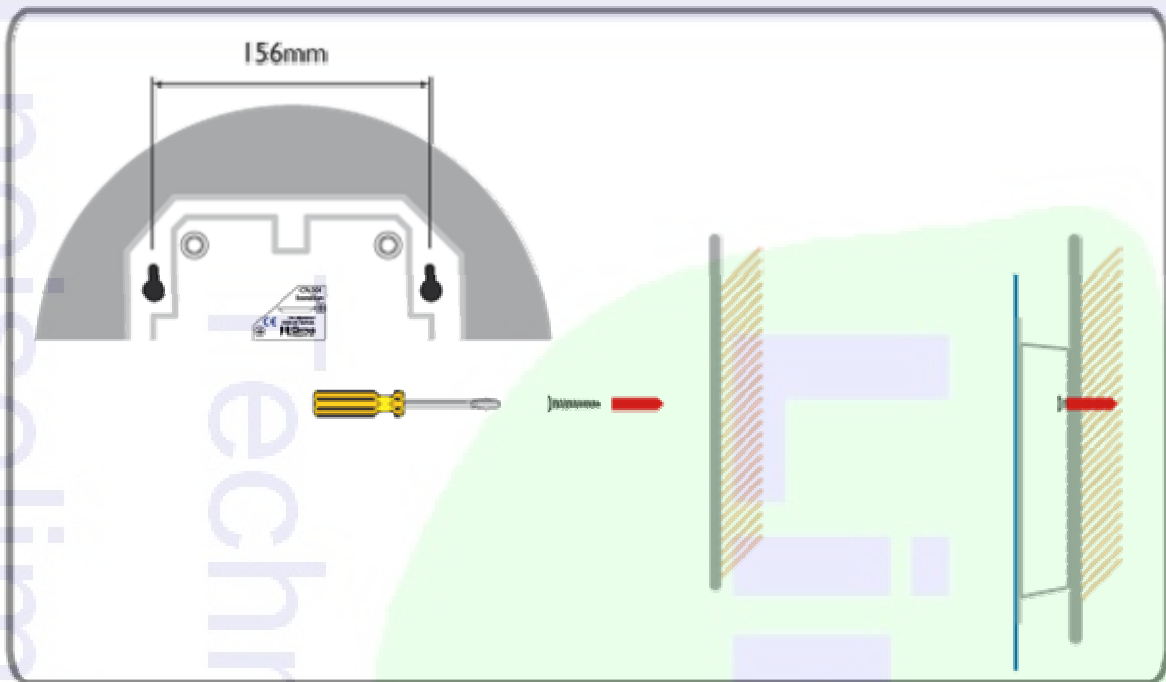
If a remote microphone is to be used, refer to **section 5a** below for details. Connecting the microphone extension cable before mounting the SoundSign on the wall will make installation simpler.

### 3. Connect the microphone and power supply



#### 4. Mount the SoundSign onto a wall

The SoundSign can be mounted onto a wall using the supplied wall plus and screws. The installation guide contains a template to show the distance between the mounting holes on the back of the SoundSign unit.



It is possible to mount the SoundSign using other methods if it is not possible to use the supplied screws. The SoundSign is very light and so can be secured using industrial strength Velcro or other similar products.

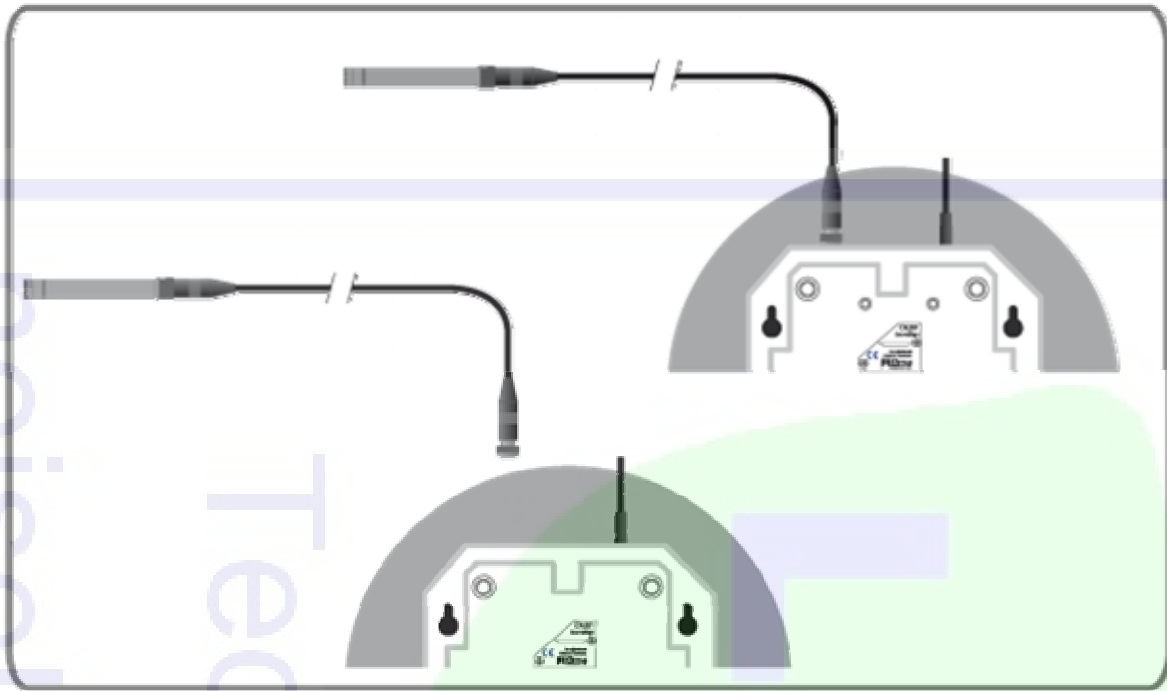
Please note that Lime Technologies accepts no responsibility for the use of any other installation or mounting other than the supplied screws and wall plugs. If you have any questions regarding the mounting of the SoundSign please [contact us](#).

#### 5. Optional Installation Steps

##### a. External Microphone & Cable

An extension cable can be used with the SoundSign to allow the microphone to be positioned remotely. This requires an **optional preamplifier, microphone capsule and extension cable**.

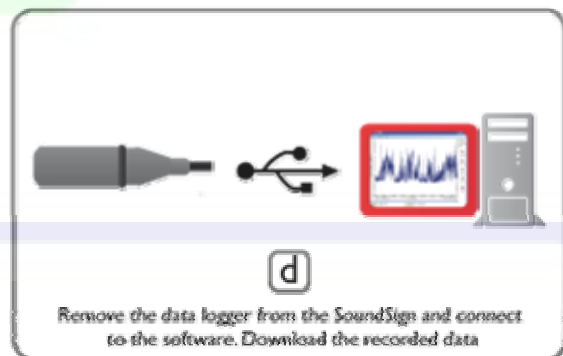
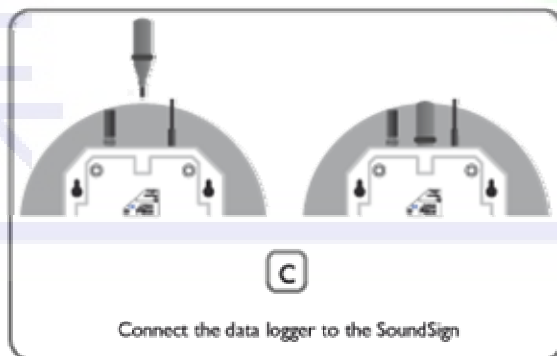
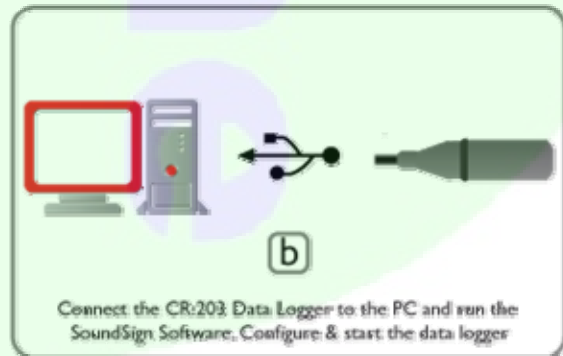
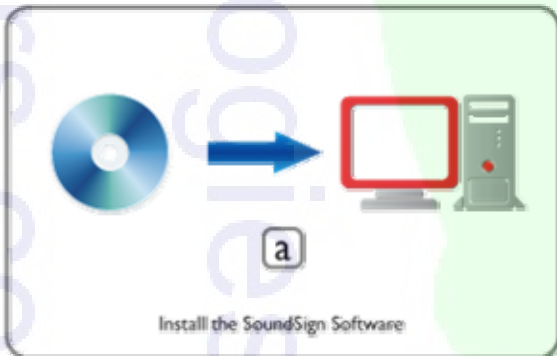
- Connect the microphone extension cable to the microphone socket on the top of the SoundSign.
- Connect the preamplifier/microphone to the other end of the extension cable.



### b. Data Logger

The CR:203 Data Logger plugs into the socket on the top of the SoundSign. This may be covered by a protective rubber cap which must be removed before the Data Logger is connected.

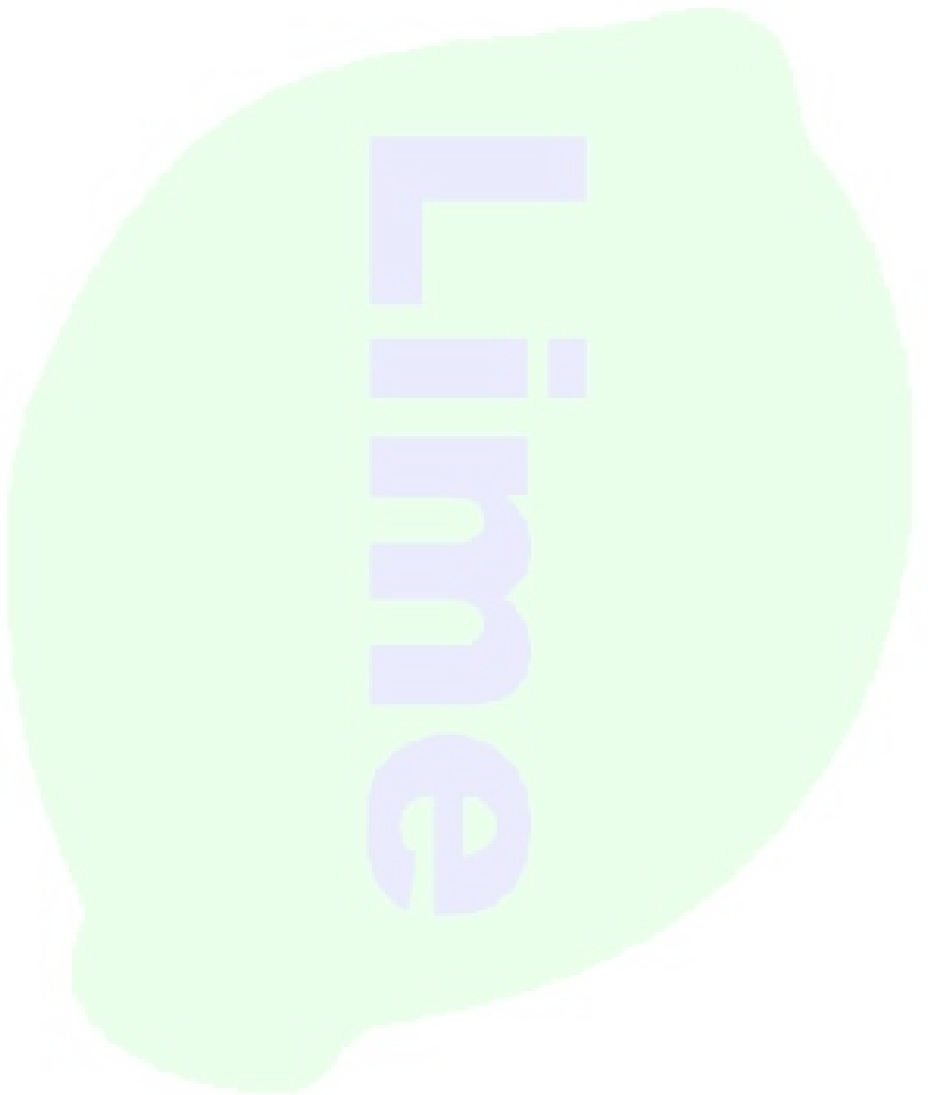
Before connecting the Data Logger, install the software onto a PC and connect the data logger to the software. This allows you to set the start time (up to 24 hours in advance) and to set the logging interval (1 second, 2 seconds, 10 seconds or 1 minute).



### c. Remote Display Units

Remote Display can be connected to a Master Unit to replicate the information across a wider area.

Mounting a Remote Unit is the same as for the Master Units and the connection between a Remote and Master unit is made using the supplied 10m cable. Up to 3 Remote Units can be connected to a single Master Unit.



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