

Noisecube systems



Noisecube and Noisecube Plus: easy to use background noise

Introduction

The Noisecube is a stand-alone speaker which is powered by an internal battery or via an external power supply. On the rear of the speaker is a small touch screen which allows the user to quickly select the type, level and duration of the sound required.

The unit will deliver a constant noise at levels between 30dB(A) and 75dB(A) measured at 75cm from the front face of the speaker. The duration of noise playback can be set from a range of 1 to 15 minutes, and the noise can be stopped at any time by touching the screen during playback.

There are four noise samples to choose from. These are wideband, narrowband, adult babble and child babble noises.

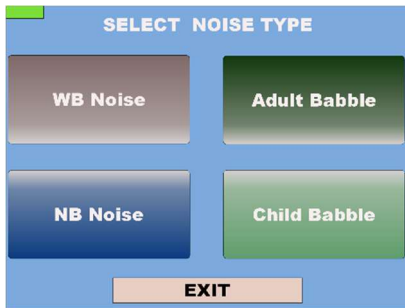
There are two products in the range.

Noisecube	Noisecube Plus
<p>Our Noisecube is a stand-alone battery powered speaker with built in user interface to control the noise type, output level and duration.</p> <p>It offers a quick and effective way of providing a constant background noise for live voice testing. It can also be used with our legacy Parrot system or with the Parrotplus.</p>	<p>The Noisecube Plus offers a number of features in addition to the basic Noisecube. Additional sounds have been added which include warble tones, animal sounds and music.</p> <p>The range of additional sounds is constantly under review and we welcome any suggestions to improve the usefulness of the Noisecube Plus.</p>

Both Noisecubes come with a carrying handle, case and charger. Speaker stands can be purchased separately.

Operation

The Noisecube can be powered either by its own internal battery, or via the 5v mains adapter supplied.



Once powered up the touch screen on the Noisecube will display the background noises available. The user can select the required noise by touching the screen or using the supplied stylus.



The user can now select the duration of the required noise and the output level required.

Once these have been selected, touching 'PLAY' will start the noise output.



A progress screen will display the duration of noise output remaining. The user can stop the noise at any point by touching the screen anywhere.

Additional screens are used on the Noisecube Plus to select the type of output required from the range of additional sounds.

Noisecube specification

Size	127mm x 120mm x 130mm (wxdxh)
Weight	1000g
Battery	3.7v 2000mAh Lithium polymer battery. Rechargeable through the USB connector at the back of the speaker.
Driver Unit	1 x 10cm dual cone driver
Frequency Range	95Hz - 22000Hz (-10dB)
Display	60mm x 45mm. 320 x 240 pixels. Colour display with resistive touchscreen.
Noises	Wideband noise, narrowband noise, adult babble, classroom babble.
Output range	75 – 30dB(A) @ 75cms in 5dB steps
Accuracy	2dB
Duration	1 minute to 15 minutes in 1 minute steps. Noise can be stopped by the user at any time during the set interval.

Additional sounds on Noisecube Plus

Warble tones	250Hz, 500Hz, 1000Hz, 2000Hz, 4000Hz, 5000Hz Modulation depth 10% Modulation frequency 10Hz
Animal sounds	Chicken (cock a doodle doo) Cat (meow) Lion (roar) Horse (neigh) Sheep (baa) Cow (moo)
Songs	Song 1: Ten in a bed Song 2: Wheels on the bus Song 3: Down at the station Song 4: Heads and shoulders Song 5: Happy and you know it Song 6: Row, row, row your boat