



## SystemQ VOX111 Motion Activated MP3 Message Player User Guide

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### VOX111 – Quick Start Guide



Motion Activated MP3 Message Player  
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[www.systemq.com/PDF/manual/xVOX111.pdf](http://www.systemq.com/PDF/manual/xVOX111.pdf)

The VOX111 is a motion activated voice annunciator with built in PIR. It can also play a different MP3 message by triggering its alarm input.

### Powering

Power the VOX111 from 12V DC (via the input voltage terminals) on the PCB. The current consumption is 350mA maximum. A power supply is not provided.

### Triggering

The built-in PIR has a 120° detection angle with a range of up to 4 meters. As the unit is ceiling mounted it is ideally designed to be placed in a ceiling tile near an entranceway to detect customers or other visitors entering a room or area.

In addition to the PIR trigger, the unit has an additional alarm input that can be used to trigger a secondary message.

### Volume Control

An infra-red remote control is provided for adjusting the volume.

### Connections



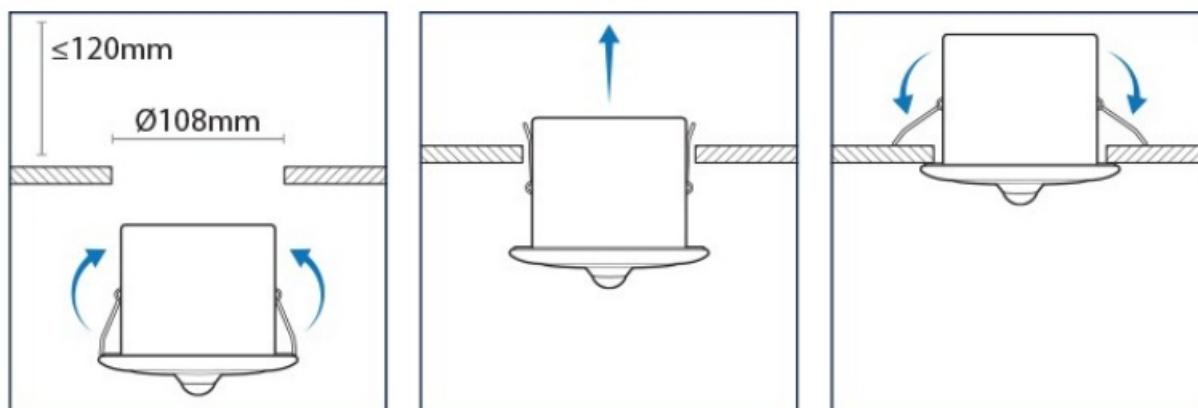
No	Label	Description
1	L/R output	3.5mm audio socket for audio output
2	Audio input	3.5mm audio socket for audio input
3	12V DC	2.1mm DC socket for connecting PSU
4	USB	Micro USB socket for connecting to PC
5	COM NC TG GND	Screw terminal block for connecting alarm inp

### Pre-recorded Messages

SQ01.mp3 (PIR triggered message)	"Welcome face coverings are required whilst in this store thank you for helping keep us all safe."
SQ02.mp3 (External alarm input"Please triggered message)	observe the social distancing measures we have in place during your visit"

### Mounting

The VOX111 is similar in design to a downlighter. For installation, you will need a recess of at least 108mm in diameter with a headroom of about 120mm.



### Recording Custom Messages – Overview

- The VOX111 will only playback audio files that are MP3.
- See the table above for file naming convention.
- Plug the Micro USB socket into a PC to change the MP3 files

IR Detection Range	Up to 4m (120 Deg)
Audio Inputs	1

Audio Input Connection	3.5mm Audio Socket
Audio Outputs	1
Audio Output Connection	3.5mm Audio Socket
Power	12VDC
Input Power Connection	2.1mm DC Socket
Current Consumption	Playing – 350mA/ Standby – 20mA
PSU	Required
Alarm Inputs	1
Alarm Input Connection	NC Push Terminals
Relay Outputs	1
Use	Internal Use Only
Speaker	3 Watts / 8 Ohms
Mount	Ceiling
<b>Cut</b> Out Diameter	108mm
Minimum Recess	120mm
Case	White

PC Connection	Micro USB Socket
Memory	Built-in
File Format	MP3 (Bit Rate – 8-320Kbps)
Working Temperature	-10 ~ 35 Deg C
<b>Dimensions</b>	Max Dia 127mm

All specifications are approximate. System Q Ltd reserves the right to change product specifications or features without notice. Whilst every effort is made to ensure that these instructions are complete and accurate, System Q Ltd cannot be held responsible for any losses, no matter how they arise, from errors or omissions in these instructions, or the performance or non-performance of the equipment referred to.

#### Quick Start Guide – VOX111 Copyright 2021 System Q Ltd


This symbol indicates that equipment must not be mixed with general household waste. For treatment, recovery, and recycling please return to your local designated WEE/CG0783SS collection point as defined by your local council.



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