

LX SPEAKER

GJD1210 LoRa® LX Speaker 868 MHz



Installation Guide

PACKAGE CONTENTS

- 1 x LoRa LX Speaker 868 MHz
- 1 x Mounting bracket
- 1 x Installation guide
- 2 x Bolts

The LoRa LX Speaker is controlled and triggered via the LoRa LX Gateway interface.

Four individual messages can be recorded on to the LoRa Speaker which can be individually triggered via the LoRa Gateway interface.

Opening the Speaker

Carefully remove the front grill by pulling forwards. Unscrew the four corner screws and part the front of the speaker from the base. There are wire connections between the front and rear.

Powering the Speaker

The 12 volt supply to the speaker is made using the + red and - black terminals on the rear of the speaker.

Transfer Unique ID Code from the Speaker to the Gateway

Power the LoRa LX Speaker. Set the LoRa® LX Gateway to 'Device Learn' (see LoRa® LX Gateway manual) then press and release the speaker's 'pair' button.

Fixing the Speaker to the Wall

Protect against water during installation. Fix the mounting bracket to the wall and secure the speaker to the bracket with the two bolts.

Recording the Messages

Recordings can be made using the on-board microphone or alternatively by a 1 V p-p line input using the phono socket. Place the jumper across the two 'microphone' pins to select the on-board microphone. Remove the 'microphone' jumper to select line input.

To Record an Individual 30 Second Message -

Press and hold the 'RECORD' button first then press and hold the selected channel button 1, 2, 3 or 4. The green indicator will light.

See Figure 1

Record the message for that channel then release the 'RECORD' button. The recording will stop when the button is released, or the 30 second time allowance is reached.



When the recording is completed, the message is played back automatically.

To Playback the Recording of Each Channel -

Press and release the selected channel button 1, 2, 3 or 4.

The volume level can be adjusted using the potentiometer on the PCB.

Specifications

Supply voltage	9 to 15 VDC
Supply current max	500 mA
Audio output	1 Watt
External audio input:	1V p-p maximum (jumper selectable)
Operating temperature	-20°C to +55°C
Protection	IP44
Colour	Black or white
Dimensions	190mm x 150mm x 150mm
Weight	1.9 kg
Housing	High impact ABS
Communication	LoRa® 868MHz Bi-directional protocol
	

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SIMPLIFIED EU DECLARATION OF CONFORMITY

Hereby, GJD Manufacturing Ltd declares that the radio equipment type GJD1210 LoRa LX Speaker 868 MHz is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at gjd.co.uk

This equipment operates on 868 MHz frequency band therefore must only be used in regions where this is permitted license-free

Figure 1

