



A & E Specification – GJD 'MULTISPEECH' Audio Record and Playback Module

1. Description

The unit shall be designed for use as an audio record and playback device. The unit shall meet or exceed the following design and performance specifications.

2. Key Product Characteristics

This will include well-proven and unique features with innovative design elements that leverage and maximise the benefits of tried and tested technology.

Product features and characteristics shall include:

- Stand alone PCB module or mounted in a plastic housing with power supply
- Non – volatile recording memory
- Programmable features for set-up and functionality
- Record message via on board microphone or 1 v p-p line input
- Output volume control

3. General

- a) Four individual message recordings of 30 seconds
- b) Option to have one message of 120 seconds
- c) Programmable pulse count
- d) Trigger inputs selectable N/O or N/C
- e) The four messages can be linked to trigger 1 input, the first trigger will play message 1, second trigger will play message 2, the third trigger will play message 3 and the fourth trigger will play message 4
- f) Selectable post message sounds

Interfacing

- 3.1 Connections via screw terminals on the PCB module

4. Electrical

- 4.1 Power supply: Ideally 9-15V DC
- 4.2 Power consumption: max 1A @ 12VDC nominal
- 4.3 8 Ohm speaker output
- 4.4 Overload speaker protection

5. Physical

- 5.1 PCB Module with self-adhesive supports
- 5.2 Option for heavy-duty plastic housing
- 5.4 External Dimensions: 100mm x 77mm x 40mm including supports
- 5.5 Weight: 60g Gross

6. Environmental

- 6.1 Operating temperature: -10° to +50°C

7. Warranty

- 7.1 2 Years

