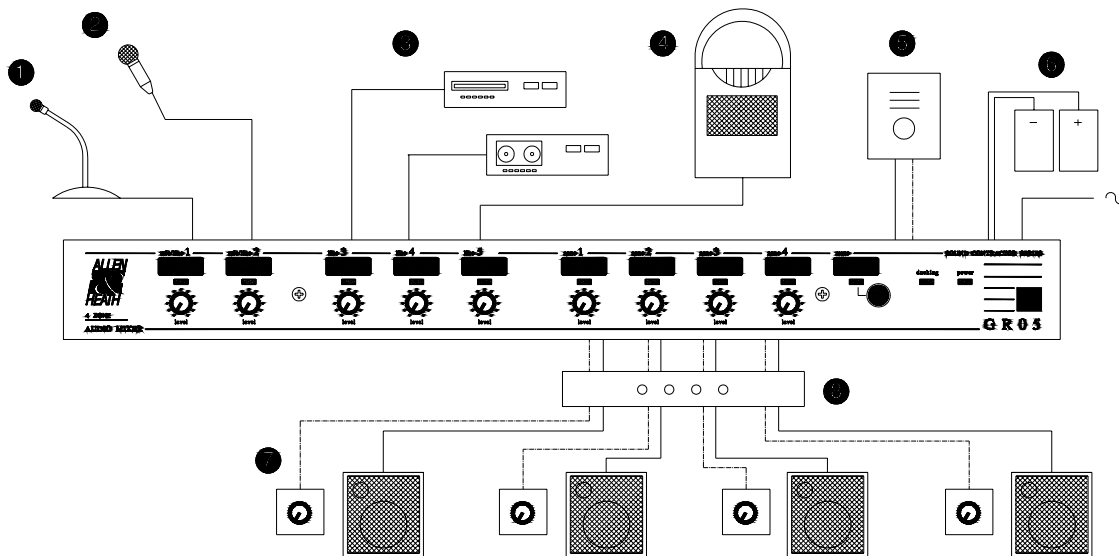


THE SYSTEM

The following diagram shows the **GR05** in a typical sound contractor installation. This combines paging microphones with background music sources feeding up to 4 speaker zones. An alarm interface and battery backup are included to ensure crowd control in the event of a fire or power failure. Remote level controls are wall mounted for local speaker control.

Each installation has its own particular combination of input/output and control requirements. For this reason the **GR05** offers a uniquely flexible architecture that can be installer configured for each application. We recommend that you take time to fully understand the full capabilities of this unit and carefully plan the most suitable configuration.



1 PAGING MICROPHONE 12,18

This is the microphone used by the receptionist to call for or 'page' staff or customers. It is set so that speaking into the mic automatically overrides the background music by reducing its level. This is known as 'voiceover' or 'ducking'.

2 ANNOUNCEMENT MICROPHONE 12,18

Similar to the paging mic but usually kept behind the bar or counter for occasional announcements or special function use. Can be set to duck music sources, or be itself ducked by the announcer for example when being used as the karaoke mic.

3 LINE INPUTS 14

These are commonly the cassette or CD inputs for background music. They may be stereo or mono.

4 JUKEBOX 19

The jukebox provides music selected and paid for by the customer. As such it is a priority source that automatically overrides any other background music playing at the time.

5 EVACUATION ALARM 19

It is often a safety requirement to link the audio system to the fire alarm for automatic playback of an evacuation message should the alarm be triggered. The pre-recorded signal would override any background music source.

6 POWER INPUT 9

The **GR05** has a built in mains operated power supply. An additional input is provided to connect a backup supply such as a battery unit which automatically takes over should the mains power fail. This is important when the unit is linked to an alarm system as described above.

7 REMOTE LEVEL CONTROL 17

+10V DC control inputs allow the **GR05** VCA output levels to be adjusted by volume controls positioned away from the unit and near the speakers.

8 ZONE OUTPUTS 15

These provide 4 separate feeds to the amplifiers driving the speakers in different areas or 'zones'.