# GD-37

## Digital Message and Music Player.
## IP control



## Main characteristics

☑ The GD-37 is a programmable and manageable pre-recorded messages and background music player over Ethernet via a built-in webserver.

☑ Suitable for commercial uses as well as for security sound systems in venues with large numbers of people, where the broadcast of automatic, emergency and evacuation notices (among others) is required.

☑ The GD-37 digital recorder allows you to digitally record and play an unlimited number of messages and background music (depending on the capacity of the SD).

☑ From the front USB it also allows the broadcas of background music (BGM), having 2 play / pause and stop buttons on the front panel.

☑ Scheduled playback of messages via webserver through an internal calendar creating a series of events called "Programs" in which the characteristics associated with the message are registered as per: Start Time, End Time, Cadence, Repetition, Activation of remote control outputs, etc.

☑ The Webserver installed in the equipment allows functionalities such as: complete supervision of operation, activation/stop of messages, music and programmes, programming, calendar events, programming of remote events (remote controls), configuration of operating parameters (day and time, volume, IP-Ethernet mode, on/off, etc.).

☑ It includes 10 programmable GPIs to associate with events or programs and launch messages automatically. It also has 10 GPOs to associate with external equipment such as UDE amplifiers to trigger warning priorities or interact with the fire alarm system, the building control system, etc.

☑ The GD-37 incorporates two supervised security messages, which in case of failure the equipment indicates it visually via a Fault indicator on the front, at the same time as it closes a fault contact on the rear, which can be integrated in other control and signalling equipment.

☑ The power supply redundant to 230Vac (others on request) and 24Vdc, allowing it to remain operational even during power cut-offs in the main power supply system.

**1.** STANDBY / ON LED

**2.** FAULT LED

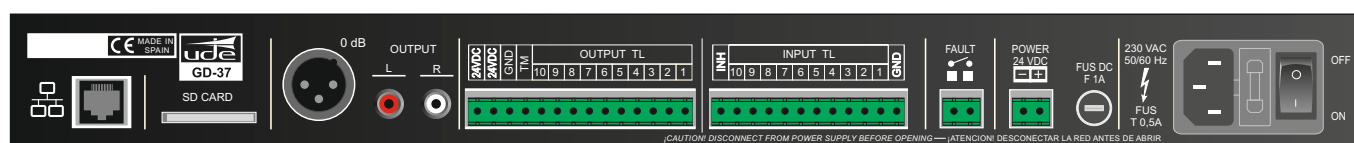**3.** MUSIC in emission LED

**4.** MESSAGE in emission LED

**5.** Headphones

**6.** USB port for music

**7.** STOP

**8.** PLAY / PAUSE music



**9.** Connector (RJ-45) ETHERNET

**10.** SD CARD slot

**11.** XLR connector - 0dB output signal

**13.** RCA connector - STEREO output signal

**14.** Output remote controls (GPO)
and auxiliary power supply output (24 Vdc) max. 100mA

**15.** Input remote controls (GPI)

**16.** Fault contact

**17.** 24Vdc power supply input

**18.** DC Fuse (T1A)

**19.** 230Vac power supply input

**20**. AC Fuse(T0,5A)

**21.** ON / OFF Switch

## Technical characteristics

| | |
|---|---|
| **Output signal** | 0dBu (0,8Vrms/600 Ω) |
| **Output** | XLR (Balanced: MONO), RCA (L,R: ESTEREO) |
| **Nº of messages** | Unlimited (maximum of 100 pre-configured) |
| **Nº of programs (Calendar)** | 100 |
| **Nº of songs** | Unlimited (duration depends on the capacity of the SD card or USB device) |
| **Supported audio files** | **Voice:** WAV (8bit/8kHz) **Music:** MP3 |
| **Audio format (player)** | MPEG 1.0, MPEG 2.0, MPEG 2.5, RIFF WAV files, Orbis OGG files |
| **GPI:** Nº of contacts / Activation mode / Priority hierarchy / Type | 10 / Momentary (Pushbutton) o remote control (switch) / Geographical (IN1 > IN2 >…> IN10) or numeric priority (independent for each input) / Programmable NO or NC |
| **GPO:** Nº of contacts / Type | 11 (TL1 to TL10, TM) / Programmable NO or NC |
| **Audio Monitoring Output** | **Headphone:** dim: 3,5 mm, 32 Ω, Front panel |
| **Multimedia connectors** | **SD card (Messages and Music):** Rear panel **USB 2.0 Type A (Music)**: Front panel |
| **Multimedia Support** SDHC / USB | SDHC card (High Capacity): 4GB or larger, FAT32 formatted / Type 2.0, FAT32 formatted |
| **Failure indicator (FAULT)** | **By LED:** Front panel red light (Failure condition) **By contact:** Normally closed opens in case of failure |
| **Supervised messages** | 2 (100s maximum reaction time) |
| **Power supply** | **Main:** 230Vac (50/60Hz), 1 Amp fuse. **Secondary:** 24Vdc, 1 Amp fuse. |
| **Auxiliary power supply output** | 24Vdc / 100mA max |
| **Operation temperature** | +5 to +40ºC |
| **Storage temperature** | -5 to +50ºC |
| **Humidity** | 5% to 95%, without condensation |
| **Dimensions** | 428 x 57 x 330 mm (1 U) |
| **Weight** | 4.25 Kg |

**Default user:** admin   **Default password:** 1234   **Default IP:** 192.168.0.200