# Greenwich Instruments Ltd

# G-COMS MP3 Music On Hold Player

# INDEX

# G-COMS – Specification

### SPECIFICATION

**PLAYER UNIT:**

- MPEG Layer-3 audio decoding technology licensed from Fraunhofer IIS and Thomson.
- Power amplifier capable of driving 30Ω load.
- THD 0.1% (0.2% Max).
- AC power adapter input - 5VDC to 12VDC @ 100mA.

**MEMORY CARD:**

- Standard Compact Flash.

**MP3 FILE:**

- MPEG 1, 2 or 2.5 encoding.
- Any bitrate from 64Kbps up to 224Kbps.
- Sample rate range: 8k to 44k Hz
- Mono recording (output is on Left channel ONLY).
- Supports FAT16 and FAT32 file system formats.

### CONNECTIONS

**Picture 1**:  G-COMS Connections



**CF CARD:**     Slot for Compact Flash memory card with eject button (situated to the right of the card, next to the volume control).

**VOLUME:**      Rotary volume control.

**AUDIO:**       Phono audio output connector.

**POWER:**       DC supply connector jack.

**STATUS:**      A power/status light is located between VOLUME and AUDIO.
                   *Solid*      Unit is working OK.
                   *Flashing*   Either no memory card present or blank/invalid card.

# G-COMS – First Use

## Setting-up The Unit

1.  Position the unit near your telephone exchange, somewhere you can easily gain access to the unit for updates and maintenance.  There are two fixing holes supplied on the top flange to accommodate fixing to the wall (See Appendix A for fixings).

2.  Connect the required audio cable to the AUDIO connection (Picture 1) then connect the other end to the external music source input on your telephone exchange.

3.  Connect the supplied DC power adaptor to the POWER connection (*Picture 1*) then connect it to a near-by free power outlet and switch on.

4.  The unit should now show a *flashing* status light (if no memory card inserted) or a solid light (if a memory card is inserted).

5.  Insert the supplied memory card with the label facing you (The supplied memory card has an example on-hold message already programmed).  The status light should flash fast for a second and then go solid.

6.  Test the output of the unit by monitoring the on-hold message on your telephone exchange (refer to the telephone exchange user manual).  Adjust the volume of the unit by turning the VOLUME knob (Picture 1) until the best volume is acquired.
    <div align="center">

    *Anti-Clockwise*   = volume up
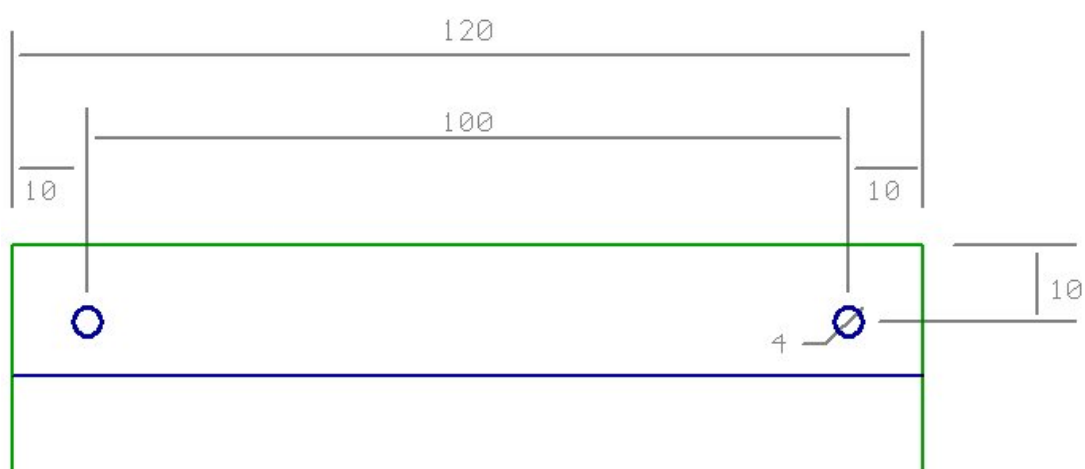    *Clockwise*    = volume down
    </div>

# G-COMS – Loading An MP3 File

Connect the CF card to your PC/MAC using a standard CF card reader/writer.  The CF card usually appears as removable media/dive.

Make sure the CF card has been formatted using either FAT16 or FAT32 file system.  Simply navigate (using your computer's browser) to the MP3 file required, copy the file and paste onto the CF card (as you would copying a file from one folder to another).  Plug the CF card into the G-COMS, it will find the first MP3 file and play it continuously.

To replace the file, just delete the existing file from the card and copy a new one.

# Appendix A: Wall-mount Fixings



All measurements are in millimetres.

Drawing is at 1:1 scale, scale may be affected during print.

# Appendix B: Useful Links To MP3 Editing Software

### MP3 Recording/Converting

Alive Media

http://www.alivemedia.net

Music Match

http://www.musicmatch.com

Quality Shareware

http://quality-shareware.com/keywords/mp3-recorder.asp

Windows Media Player

http://www.microsoft.com/windows/windowsmedia

### MP3 Mixing/Editing

Acoustic Labs

http://www.acoustic-labs.com

Audio Tools Direct

http://www.audiotoolsdirect.com/Recorders/Multitrack/index.shtml

Blaze Audio

http://www.blazeaudio.com

NCH Swift Sound

http://nch.com.au

*Alternatively you may wish to use your favourite internet search engine to find "free MP3 recorder" or "free multitrack MP3 recorder".*

| | |
|---|---|
| Website: | http://www.greenwichinst.co.uk |
| Sales: | sales@greenwichinst.co.uk |
| Technical Support: | http://support.greenwichinst.co.uk |
| International Office: | Greenwich Instruments Ltd<br>Meridian House,<br>Park Road<br>Swanley,<br>Kent    BR8 8AH |
| Tel: | +44 (0) 1322 668 724 |
| Fax: | +44 (0) 1322 660 352 |
| General Information: | gil@greenwichinst.co.uk |

As part of our ongoing effort to improve the value of our products, we reserve the right to change specifications without notice.