



*Easi-Speak*™  
*PRO*



**Please Read All Instructions Carefully Before Using**



**WARNING:**

CHOKING HAZARD – Small parts.  
Not for Children under 3 years.

*User Guide*

Version 5

- Please retain these instructions for future reference
- Easi-Speak PRO contains a non-replaceable, rechargeable battery
- Do not attempt to remove the battery
- Do not allow your Easi-Speak PRO to come into contact with water or other liquids
- In the event of an electro-static discharge, your Easi-Speak PRO may malfunction. In this case, you may need to connect to a computer to reset it
- Warranty is void if the case is opened for any reason
- The warranty does not cover any data loss from the unit nor any consequential loss of information

### **FCC compliance**

#### **NOTE:**

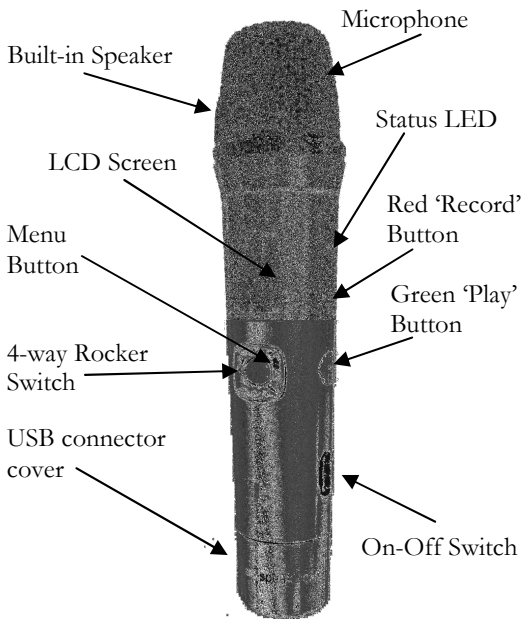
THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER AUTHORITY TO OPERATE THE EQUIPMENT

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

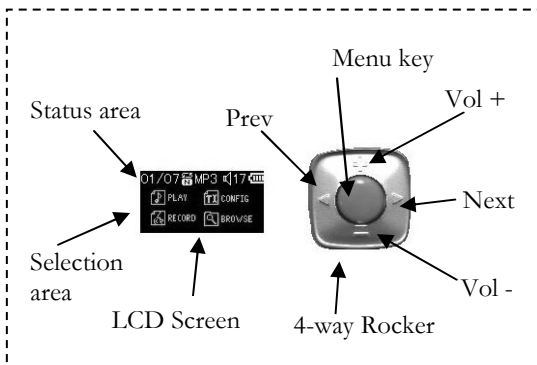
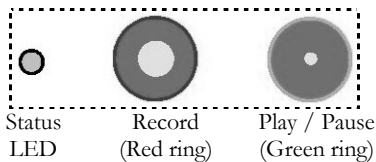
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

### Know Your Easi-Speak PRO



## Easi-Speak Controls

There are two sets of controls which are used to control the Easi-Speak PRO



### Recording & Playing your First Track

- Switch on the Easi-Speak PRO by sliding the On-Off switch until the Status LED lights Orange (steady or flashing), indicating it is waiting in standby
- Press and release the Record button (Red ring). After a second or so, the Status LED will change to Red indicating it is recording
- Speak or sing clearly into the top of the microphone about 15cm to 30cm away for at least 2 seconds
- The recording can be paused at any time by pressing the Record button briefly. The Status LED will flash to show the recording has been paused. Simply press the Record button again to continue recording
- When you are finished Recording, press the Record button, and **hold for 2 seconds**, to stop the recording and save it as the last track. The Status LED will change to Orange (steady or flashing)
- Alternatively you can press and hold the Record button during the whole of the recording and release it when you have finished recording
- Press the Play button (Green ring) to play your track. The Status LED will light Green while the track is playing

- When the track is finished, Easi-Speak PRO will return to standby and the Status LED will be Orange
- The Easi-Speak PRO will not store recordings of less than 2 seconds, so ensure you record for longer than this
- Please note that the Easi-Speak Pro can only store a maximum of sixty two tracks, regardless of the length of track.

### Recording & Playback Modes

Easi-Speak Pro can record and playback files in two formats: MP3 or WAV files. Depending on your application, you may want to use one of these formats rather than another. For instance, much podcasting is done using MP3 files so this would be the best format if you wanted to make podcasts. For information on recording lengths for both formats see page 15.

### Status LED

The Status LED provides you with a clear indication of what is happening with your Easi-Speak Pro. Please take note of the following information so that you can get the best results.

- Flashing Orange: Ready to Play/Record MP3 file

- Steady Orange: Ready to Play/Record WAV file
- Steady Green: Playing (or fully charged)
- Flashing Green: Playing Paused
- Steady Red: Recording
- Flashing Red: Recording Paused
- Flashing Red/Green: Charging
- Flashing Orange/Green: Battery low

### Pausing or Stopping a Track

- Press the Play button (Green ring) to play a track. The Status LED will shine steady Green
- Press the Play button again to pause the track at the current place. The status LED will flash Green
- Press the Play button again to resume playback
- To stop a playing track completely, press and hold the Play button for 2 seconds

### Fast Forward & Reverse

- While a track is Playing or Paused...
- Press and hold the Prev(ious) or Next track button on the 4-way rocker switch



- The Status LED will flash Green and will move within the current track at a fast rate
- When the button is released, Play or Pause will continue at the new position within the track
- The Play position will not pass beyond the start or end of the current track

### **Moving Between Tracks**

- While a track is Playing or Paused...
- Press the Prev(ious) or Next track button on the 4-way rocker to move to the selected track

### **Charging the Battery**

Easi-Speak PRO is supplied with a partially charged battery and can be used immediately without charging first. The battery can be charged by connecting to the USB port of an active computer or the charger. No software is required:

- Connect Easi-Speak PRO to the USB port or charger
- The Status LED will flash Red and Green (or Orange if connected to the separate charger)
- When Easi-Speak PRO is fully charged the Status LED will change to steady Green

- A complete charge of a fully discharged battery will take about 4 hours

### Using the Menu System

The LCD on the Easi-Speak PRO provides a multi-level menu system that allows you to select certain configurations, manage the sound files and select recording and playback functions.


The display comprises two separate parts: the status area at the top in Yellow and the selection area at the bottom in Blue.

#### Standby Screen





The Standby screen is the first screen shown when the Easi-Speak PRO is switched on. The status shown here is:

01/07 active track is number 1 out of 7 tracks

 repeat mode setting is repeat

MP3 record/playback mode is MP3

 17 volume is set to 17

 battery is fully charged

## Playback Screen



During playback, the central part of the screen shows the name of the track currently playing.

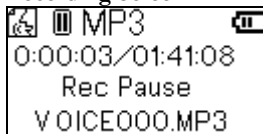
001  
024      playing track 1 of 24

00:06  
00:39      now 6 seconds into a 39 second track

▶      playing track

⏸      playing is paused

## Recording Screen



MP3      Recording in MP3 mode

WAV      Recording in WAV mode



recording track




recording is paused




battery 50% full

### Config Menu

Selecting the  **CONFIG** item from the standby screen, displays a menu of configuration settings:

Rec	Recording mode: MP3 or WAV
Backlight	Defines the length of time backlight is on after the last keypress. Press any key to switch the backlight back on.
Language	Select from the available languages for the menu system. Note that this does not change the standby screen
System Info	Displays firmware version and available memory

### Browse Menu

Selecting the  **BROWSE** item from the standby screen displays the files and folders internal to the Easi-Speak PRO.

When you select a folder, the display changes to show the files and sub-folders within the selected folder. Select “Parent Folder” to go back one level.

When you select a file, you can then choose whether to Play the selected file or Delete it.

### **Connecting to a PC or Apple Mac**

- Remove the end cap covering the USB connector, by pulling off, and switch off the Easi-Speak PRO
- Plug the Easi-Speak PRO into an available USB socket
- The first time Easi-Speak PRO is connected to the PC, it will automatically install the drivers and may require the PC to be rebooted depending on your operating system
- If there is not sufficient space around the USB socket, then use the USB extension lead provided
- The PC or Mac will recognise the device as a USB mass storage device and it will appear as a removable drive in the file explorer window
- The tracks you have recorded will appear in the folder MIC\_REC. Use this same folder to copy MP3 or WAV files to for playback on Easi-Speak PRO

- You can delete from, add files to, or format the Easi-Speak PRO directly from the computer if you wish

### Installing & Using Audacity

- **Audacity is provided with Easi-Speak PRO for your convenience. TTS do not support it or provide any warranty for its use. It is not part of the Easi-Speak PRO product**
- Audacity is free, open source software for recording and editing sounds. It is available for Mac OS/X, Microsoft Windows, GNU/Linux and other operating systems
- Connect Easi-Speak PRO to the PC or Mac and browse to the Audacity folder (contains release 1.2.6)
- For Windows, run the file *audacitywin.exe*
- For Mac OS/X (PPC), run *audacitymac.dmg*
- You may find it easiest to copy the folder to your PC or Mac before doing this
- Instructions, latest versions for all operating systems and licence information for Audacity can be found at <http://audacity.sourceforge.net>

### Technical specification

- Records directly into MP3 or WAV file format
- 128MB of flash memory, up to 4 hours recording
- MP3: Bit rate: 128 kbps (44kHz sampling)  
Max time: Approx 2 hours
- WAV: Format: IMA ADPCM  
Bit rate: 64 kbps (4 bits per sample)  
Max time: Approx 4 hours
- For maximum recording time, delete the Audacity and User manual folders to give additional memory space
- Built-in 300mAH Lithium-ion Polymer battery
- Battery supplied partially charged (50%-90%)
- 28mm loud-speaker and microphone in the top
- Two stereo 3.5mm headphone sockets(Green)
- One stereo 3.5mm line-in socket ,100mV RMS Max, (Pink)
- Power consumption:  
75mA standby  
100mA recording  
80-120mA playback (depending on volume)
- Battery life approx 3 hours of recording or playback
- Size: 174mm long, 38mm diameter at widest point

### Troubleshooting

Easi-Speak PRO is designed to work reliably and predictably in all normal conditions. However, it is possible that problems may occur. Please check the following before contacting technical support:

<b>Problem</b>	<b>Status LED appears to flash randomly</b>
Solution	Battery is low. Charge the battery
<b>Problem</b>	<b>Missing Start or End of Recording</b>
Solution	Easi-Speak automatically fades in and out of recording & playback. Ensure you leave a second or two at start and end
<b>Problem</b>	<b>Files corrupt or buttons don't work</b>
Solution	Format the drive in Windows (use the FAT format, not FAT32)
<b>Problem</b>	<b>LED flashes Red during Record</b>
Solution	Memory is full. Delete some files
<b>Problem</b>	<b>Some tracks do not appear to play</b>
Solution	Probably because they are in the alternative format. Try swapping between MP3 and WAV formats
<b>Problem</b>	<b>Status LED doesn't come on</b>
Solution	Battery completely flat. Recharge



### Support & Warranty

This product is provided with a one-year warranty for problems found during normal usage. Mistreating the Easi-Speak™ or opening the unit will invalidate this warranty. Any data stored on the unit and any consequential loss is not covered by this warranty. The battery is not user replaceable.

All out of warranty repairs will be subject to a replacement fee.

Please visit **[www.tts-group.co.uk](http://www.tts-group.co.uk)** for latest product information.

Email **[feedback@tts-group.co.uk](mailto:feedback@tts-group.co.uk)** for technical support.

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This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.