

## 1. Summary Features of MLSERISES\_MP3

- Playback of the Ding sound in the target floor
- Playback of the floor number voiceovers
- Playback of the special floor voiceovers
- Playback of the warning voiceovers
- Playback of the lift status voiceovers
- Playback of the Music files when the cabin is not empty

## 2. New Parameters on the Mainboard Sound Settings

Configurations such as floor voiceover assignments, playback styles, ongoing playbacks are valid for MLSERISES\_MP3 too just like the MLSERISES.

Along with supporting all of the configurations made for the MLSERISES, MLSERISES\_MP3 offers two new features. If users are planning to use different floor assignments instead of the assignments done by the Mainboard Sound Settings; the new feature “Manual Play” mode that comes with the MLSERISES\_MP3 should be used. The second new feature of the MLSERISES\_MP3 is the “Music Playback” feature.

These 2 new features are configured via the Mainboard Sound Settings too and explained below.

### 2.1. Manuel Play (Cancel, Active)

The sound card is capable of using playbacks in 2 predefined default languages (Turkish and English). It is also possible to add a new language or use custom voiceovers when the default languages are not used.

Mikrolift voiceover records in Turkish and English languages are already placed in the \_TR and \_EN folders. Users wishing to use their own records or to add new language should use the Manual Play mode. In order to use this mode, the Manuel Play option in the Mainboard Sound Settings must be activated and necessary files must be placed into the \_MN folder in the SD Card. [Section 3.3](#) explains how to place the new records for the Manuel Play mode.

### 2.2. Music Playback Volume

By using the "Music Playback" Volume option in the Mainboard Sound Settings, the "Music Playback" feature can be activated and the playback volume can be configured.

When this option is set to "Off"; the "Music Playback" feature is inactive and therefore the sound card will not play any music file.

When this option is set to one of the levels, the "Music Playback" feature is activated and the sound card will play the music files in the selected volume level.

Options in the "Music Playback" menu are below:

- Cancel (Music files are not played)
- 1 (Low Volume Level)
- 2 (Mid Volume Level)
- 3 (High Volume Level)

Music files are played when the lift cabin is not empty, maximum 5 music files are played in the numeric order. [Section 3.2](#) explains how to add new music files to the SD Card.

### 3. SD Card Usage

#### 3.1. Considerations while placing the files into the SD Card

In order to run the playbacks properly, it is crucial to name and place the files to the SD Card in the right format. Summary notes about the file formats are below:

- File names must consist of uppercase letters
- File name extensions must always be .mp3
- File names that are not supported by the Mikrolift file format should not be used.
- Changes are not permitted in the folders other than Manuel folder and Musics folder. [Section 3.2](#) and [Section 3.3](#) explains how to make changes in these folders.

**Warning1: Care must be taken when the file name extensions are not visible in Windows Folder Options. There might be confusions in the file name and file extensions when the file name extension is not visible, it might end up with a wrong format like "MUSIC001.mp3.mp3"**

**Warning2: No audio file format other than MP3 (MPEG Layer 3) is supported. In case of failure on playing audio files, you can use any audio converter on the internet in order to make sure that the file format is exactly MP3. The file name extension '.mp3' does not ensure that the audio file is definitely encoded with MP3 format.**

#### 3.2. Placing Music Files into the SD Card

Music files in the Musics folder are started to playback in the numeric order when the lift cabin is not empty. The sound card supports up to maximum 5 music files. Below steps should be followed in order to insert a new music file to the SD Card:

- Delete one of the already existing music files from the Musics folder
- Insert the new music file and rename it with the same name of the deleted file.

It is not mandatory to have exactly 5 music files in the Music folders. Only matter is there should not be any skip in the music file numbers. An example summary of the music file names is like below:

MUSIC001.mp3  
MUSIC002.mp3  
MUSIC003.mp3  
MUSIC004.mp3  
MUSIC005.mp3

### 3.3. Placing Manuel Play Files into the SD Card

Users wishing to add an undefined language or to use their own records for floor assignments can use the Manuel Play feature. To achieve this, Manuel Play feature must be enabled via the Mainboard Sound Settings menu and necessary files must be placed to the \_MN folder in the SD Card.




















Mikrolift voiceover records have been placed as a sample to the "Floors", "Warnings" and "Status Reads" folders in the \_MN folder. Users wishing to make changes with the files in these folders should listen to these files first and decide which voiceover record to use in behalf of these files.

Then below steps should be followed in order to change the files:

- After listening to a file and deciding which record to use, the new record file should be renamed using the same name of the listened file.
- The old file (listened for deciding which record will be replaced) should be deleted.
- The new file that has the same name as the deleted file should be placed in the same folder.

The title attributes of the sample files have been edited by the Mikrolift to simplify the process. You can refer to the titles of the files to understand which record does that files contain. (Title column must be enabled by right-clicking to the top column and selecting it)

Below is an example screenshot of the titles:

Ad	Başlık (Title)	Albüm
 MNS0F000.mp3	Entry Floor	Mikrolift
 MNS0F001.mp3	Floor 1	Mikrolift
 MNS0F002.mp3	Floor 2	Mikrolift
 MNS0F003.mp3	Floor 3	Mikrolift
 MNS0F004.mp3	Floor 4	Mikrolift
 MNS0F005.mp3	Floor 5	Mikrolift
 MNS0F006.mp3	Floor 6	Mikrolift
 MNS0F007.mp3	Floor 7	Mikrolift
 MNS0F008.mp3	Floor 8	Mikrolift
 MNS0F009.mp3	Floor 9	Mikrolift
 MNS0F010.mp3	Floor 10	Mikrolift
 MNS0F011.mp3	Floor 11	Mikrolift
 MNS0F012.mp3	Floor 12	Mikrolift
 MNS0F013.mp3	Floor 13	Mikrolift
 MNS0F014.mp3	Floor 14	Mikrolift
 MNS0F015.mp3	Floor 15	Mikrolift
 MNS0F016.mp3	Floor 16	Mikrolift
 MNS0F017.mp3	Floor 17	Mikrolift
 MNS0F018.mp3	Floor 18	Mikrolift

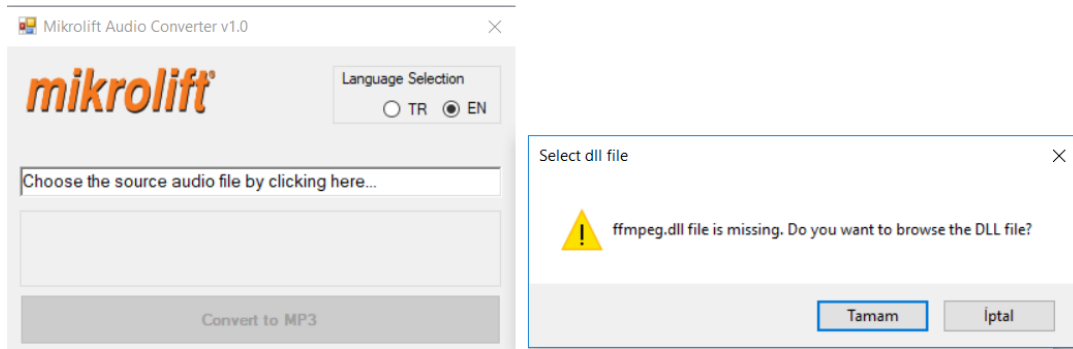
Screenshot 1: File Titles

#### 4. Converting Audio Files to MP3

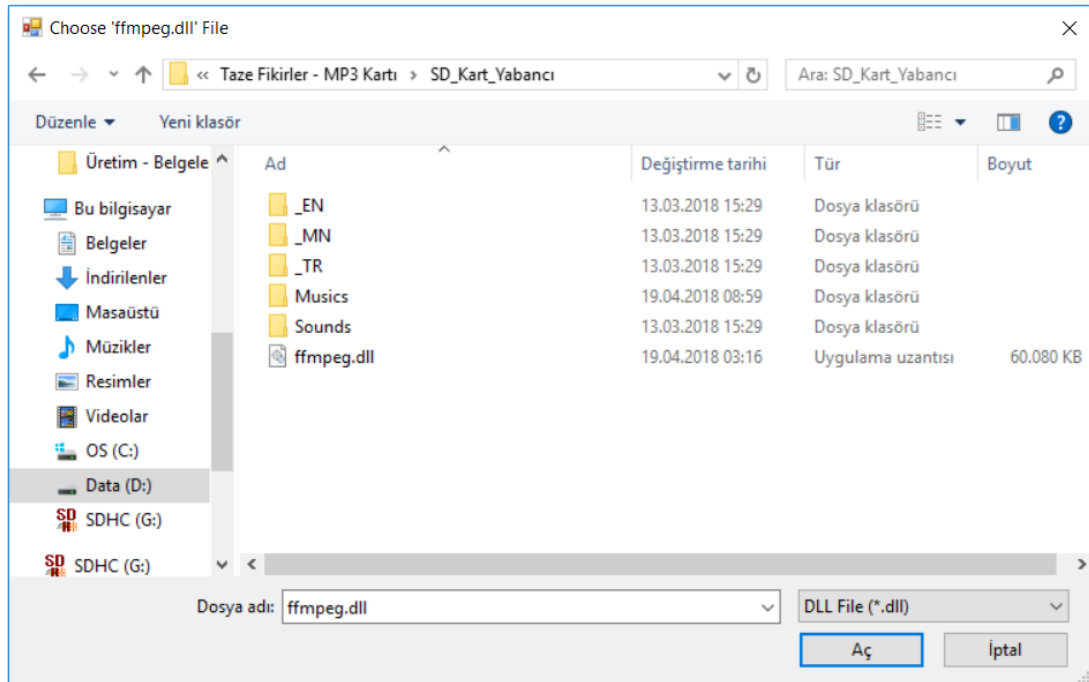
Audio files other than MP3 must be converted to MP3 format because MLSERISES\_MP3 only supports MP3 file format.

“Mikrolift MP3 Converter.exe” application can be used to convert the audio files to MP3. In order to use this application, “ffmpeg.dll” file is necessary besides the exe file. These 2 files have already been inserted to Mikrolift SD card folders.

When the “Mikrolift MP3 Converter” has been started, the application automatically searches for the dll file. If the application can not find the dll file, it asks the user for the dll file location.



Screenshot 2: dll file warning



Screenshot 3: Choosing dll file

After the “ffmpeg.dll” file has been selected automatically or manually, the source audio file must be selected by clicking the text box and then “Convert to MP3” button must be used to start the conversion. After completing the conversion process, the application will display an information message under the textbox.



Screenshot 4: Success Message

After the completion of the conversion, the file name should be changed according to the Mikrolift file format and the file should be listened for test purposes. After that, the MP3 file can be placed to the related SD card folder.

If the conversion process fails, the failure messages will be logged to the "cmd\_logs.txt" file which is located in the same directory as the application. This log file should be forwarded to the Mikrolift if the user can not solve the problem according to the information messages displayed by the application.

_EN	13.03.2018 15:29	Dosya klasörü	
_MN	13.03.2018 15:29	Dosya klasörü	
_TR	13.03.2018 15:29	Dosya klasörü	
Musics	19.04.2018 08:59	Dosya klasörü	
Sounds	13.03.2018 15:29	Dosya klasörü	
cmd_logs.txt	24.04.2018 17:17	TXT Dosyası	4 KB
ffmpeg.dll	19.04.2018 03:16	Uygulama uzantısı	60.080 KB
Mikrolift MP3 Converter.exe	22.04.2018 15:12	Uygulama	83 KB
MLSERISES_MP3_USER_MANUEL_V2.pdf	19.04.2018 12:45	Yandex Browser P...	189 KB

Screenshot: Reviewing the Log File

After completing all steps, the user is responsible to change the file name according to the Mikrolift file name format.