MiX |TELEMATICS
MOBILE INFORMATION EXCHANGE

MiX Vision ADPLUS 2.0
Customized Audio Alerts (AD Plus2.0)

Introduction

Loading customized audio notifications are now possible via USB flash drive.

Prerequisites

- Supported firmware ADPLUS2.0_V355 or higher
- Veyes app V1.1.4 (V1.1.3 should also work)
- USB Cable, Female USB to male mini-USB.

- USB Flash drive 1GB or larger.

Preparing USB drive

You need to format the USB drive as FAT32.

To manually apply new Audio files, please create the following directories before you copy the files to the USB drive

"upgrade/mp3/host" (all lower-case)

To automatically upgrade. (Without using the Veyes app)

"autoupgrade/mp3/host" (all lower-case)

To upgrade from another unit. (If you have slave devices that requires the audio files, currently not in use by MiX)

"upgrade/mp3/slave"

File name and Format

NB: New files created should be named the same as the **"File Name"** below.

- Format .WAV
- Channel: Mono
- Sample Rate: 16000 Hz
- Sample Format: 32-bit float
- Maximum file size accepted is 500kb but the average file size will be less then 100kb.

File Name	Audio Voice
APModeDisabled	AP Mode disabled
APModeEnabled	AP Mode enabled
BSDFront_1	pedestrian warning, pedestrian warning
BSDFront_2	Beep twice
BSDLeft_1	Beep twice
BSDLeft_2	pedestrian warning, pedestrian warning
BSDRight_1	pedestrian warning, pedestrian warning
BSDRight_2	Beep twice
closeII_1	Ding, unsafe following distance
closeII_2	Beep twice
coll_1	collision warning
coll_2	Beep twice
didi	Beep twice
dist_1	Ding, driver distraction
dist_2	Beep twice
EmerDecrSpeed	harsh breaking
EmerIncrSpeed	harsh acceleration
EmerTurn	harsh cornering
glass_1	Ding, please don't wear blocking glasses
glass_2	Beep twice
HandsOff	Keep hands on steering wheel
lane_1	Ding, lane departure
lane_2	Beep twice
NoDriver_1	Ding, no driver detected
NoDriver_2	Beep twice
nomask_1	Please wear a mask
nomask_2	Beep twice
NoSeatBelt_1	Ding, please fasten seatbelt
NoSeatBelt_2	Beep twice
OverspeedWarning	overspeed, warning
PanicAlarm	panic alarm
PCWII_1	pedestrian warning, pedestrian warning
PCWII_2	Beep twice
PlayPhone_1	Ding, phone detected
PlayPhone_2	Beep twice

PrivacyModeDisabled	privacy mode disabled
PrivacyModeEnabled	privacy mode enabled
smoke_1	ding, smoking detected
smoke_2	Beep twice
SpeedWarning	Speed Warning
tele_1	Ding, phone detected
tele_2	Beep twice
tiredI_1	Yawning, please drive carefully
tiredI_2	Beep twice
tiredII_1	fatigue warning, please rest now
tiredII_2	Beep twice
ZebraPepole	pedestrian warning, pedestrian warning

Loading new files to device.

- Copy your newly created audio files to the "host" directory in this path "upgrade/mp3/host"
- Connect your USB drive to the ADPLUS 2.0 using the USB cable.
- Power up your device and connect to the units WIFI access point
- Connect to the device using the Veyes app
- Navigate to General > Other and select Import Mp3 File
- You will get "Execution successful" if files are loaded

FAQ

Question: What software can I use to create or edit existing recordings?

Answer: https://www.audacityteam.org/download/

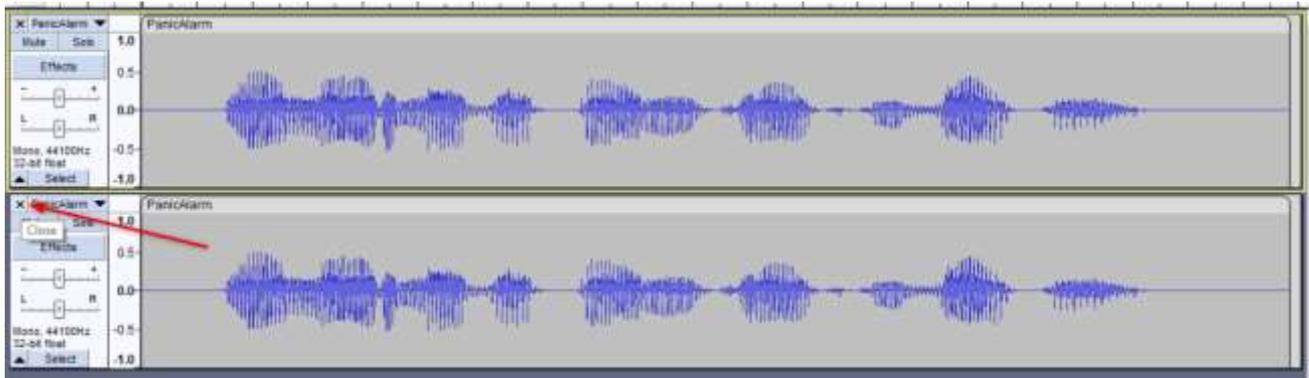**Question: I recorded my notification in stereo on a high bit rate, how do I change it using Audacity?**

Drag your audio file to Audacity and view the parameter on the left.

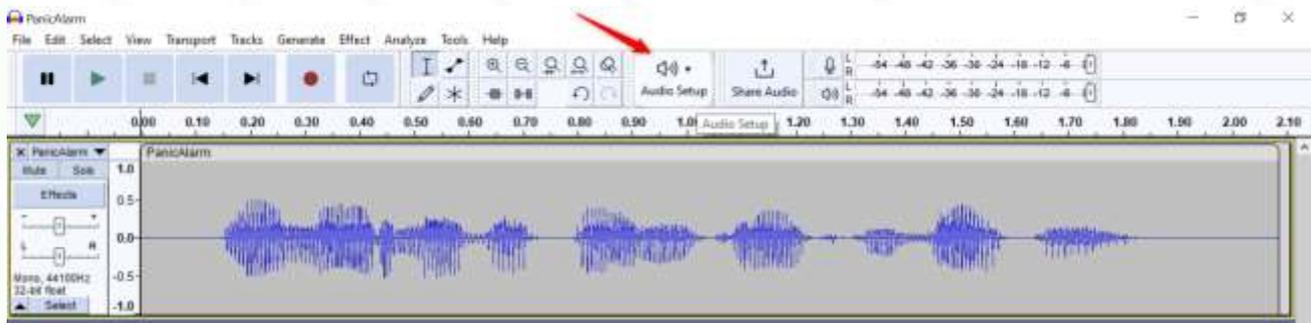

Split the Stereo recoding to Mono, right click the left plane and select "Split Stereo to Mono"
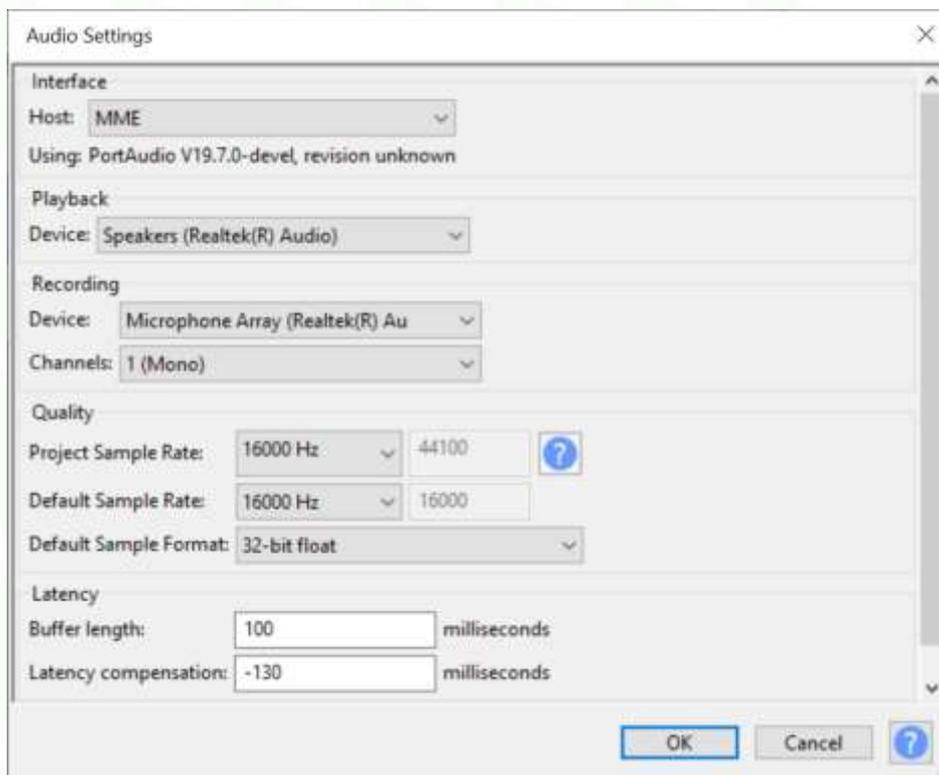

Close the second Mono line

Set your sample rate and format, select Audio Setup > Audio settings

Quality settings should be as below.

Export your file to .WAV format .

PanicAlarm

| File | Edit | Select | View | Transport | Tracks | Generate | Effect | Analyze | Tools | Hel |

New	Ctrl+N
Open...	Ctrl+O
Recent Files	>
Close	Ctrl+W
Save Project	>
Export	>
Import	>
Page Setup...	
Print...	
Exit	Ctrl+Q

0.20   0.30   0.40   0.50   0.60

Export as MP3
Export as WAV
Export as OGG
Export Audio...   Ctrl+Shift+E
Export Selected Audio...
Export Labels...
Export Multiple...   Ctrl+Shift+L
Export MIDI...

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