

# KGNU Listening Stations

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## Listening Station Setup and function

Power it with a micro USB cable and plug headphones or other to the 1/8" jack.

Each button of the listening stations cycles through a playlist (or may be a single track). The playlists are collections of .wav files stored in folders on the mini-SD memory card.



After pressing a button the remaining buttons will go dark with the selected button remains lit. During this time any button presses are ignored. After a couple seconds the lights turn back on and a new track can be selected.

## Changing the audio files

Remove the mini SD card from the slot via the rectangular hole on the bottom of the Listening Station boxes.

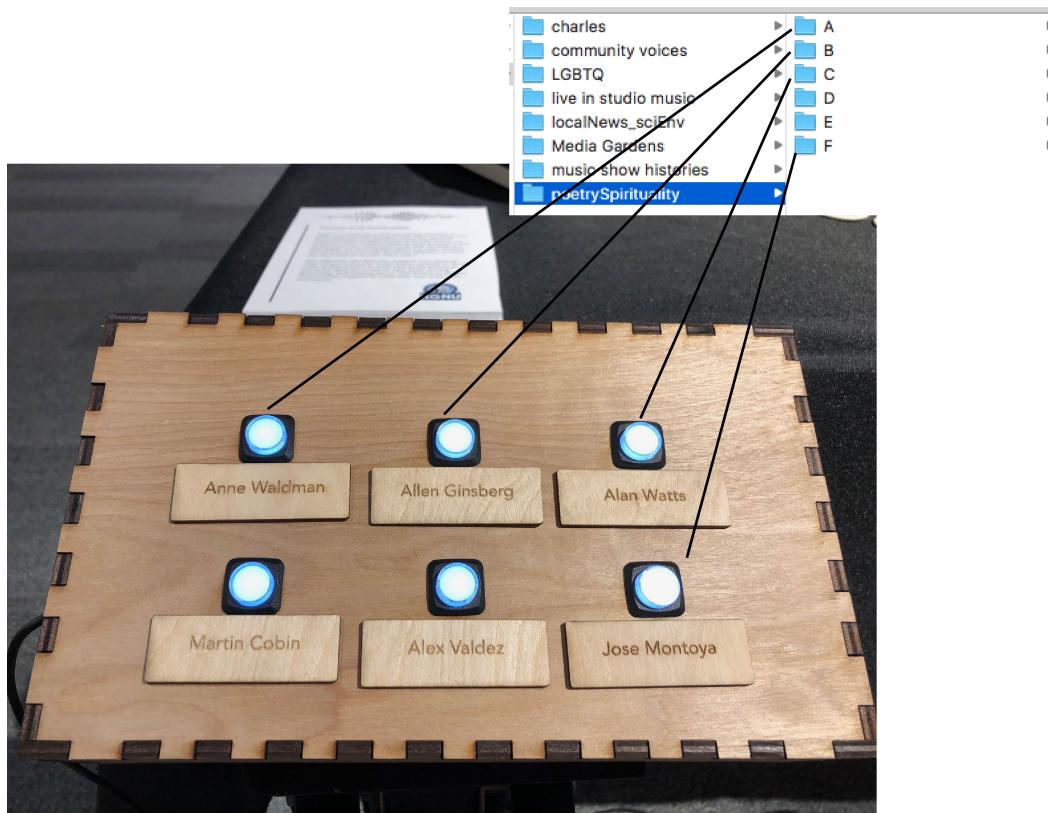


*The contacts of SD card face the bottom of the box.*

Use a mini SD card reader to modify the content of the folders on a computer. After updating the contents of the mini SD card place it back in the slot.

### **Folder Format**

Each folder corresponds with a button on the interface. The boxes have between 2 – 6 buttons. The folders are named A-F.



## **WAV file format**

Files that do not match this format may not play:

Stereo or mono

16 bit

44.1kHz

## **File Names**

Alphanumeric order of the names will determine the playlist order.

The file names must contain 8 or fewer characters for this hardware platform.

## **Original Formatted audio files and SD card images**

The files originally put on the listening stations were in the order shown in the following screenshots. The original images were put on an extra mini SD card.

## **Live studio**

Folder A:

00Calexico a...withinintro.wav	liveS1.wav
01Elephant..._withinintro.wav	liveS2.wav
02Rubedo_1...withinintro.wav	liveS3.wav
03Esme Patt...withinintro.wav	liveS4.wav
04The Budo..._withinintro.wav	liveS5.wav
05Tinariwen...withinintro.wav	liveS6.wav
06Calexico a...withinintro.wav	liveS7.wav
06Sam Amid...withinintro.wav	liveS8.wav
07Andrew Bl...withinintro.wav	liveS9.wav
07Rubedo_1...withinintro.wav	liveS10.wav
08Antibalas...withinintro.wav	liveS11.wav
09Courtney..._withinintro.wav	liveS12.wav
10Calexico a...withinintro.wav	liveS13.wav
11The Budo..._withinintro.wav	liveS14.wav
12Esme Patterson_5-1-2017_track1_withinintro.wav	
13Madame..._withinintro.wav	liveS16.wav
14Calexico a...withinintro.wav	liveS17.wav
15Elephant..._withinintro.wav	liveS18.wav
16Paper Bird...withinintro.wav	liveS19.wav
17Sam Amid...withinintro.wav	liveS20.wav
18Rubedo_1...withinintro.wav	liveS21.wav
19Calexico a...withinintro.wav	liveS22.wav
20The Budo..._withinintro.wav	liveS23.wav
21Tinariwen...withinintro.wav	liveS24.wav
22Andrew Bl...withinintro.wav	liveS25.wav
23Courtney..._withinintro.wav	liveS26.wav
24Calexico a...withinintro.wav	liveS27.wav
25Antibalas...withinintro.wav	liveS28.wav
26Elephant..._withinintro.wav	liveS29.wav
27Esme Patt...withinintro.wav	liveS30.wav
28The Budo..._withinintro.wav	liveS31.wav
29Calexico a...withinintro.wav	liveS32.wav
30Rubedo_1...withinintro.wav	liveS33.wav
31Andrew Bl...withinintro.wav	liveS34.wav
32Sam Amid...withinintro.wav	liveS35.wav
33Courtney..._Withinintro.wav	liveS36.wav
34Calexico a...withinintro.wav	liveS37.wav
35Elephant..._withinintro.wav	liveS38.wav
36Esme Patt...withinintro.wav	liveS39.wav
38Calexico a...withinintro.wav	liveS40.wav
Tinariwen 6...withinintro.wav	liveS41.wav

## Folder B:

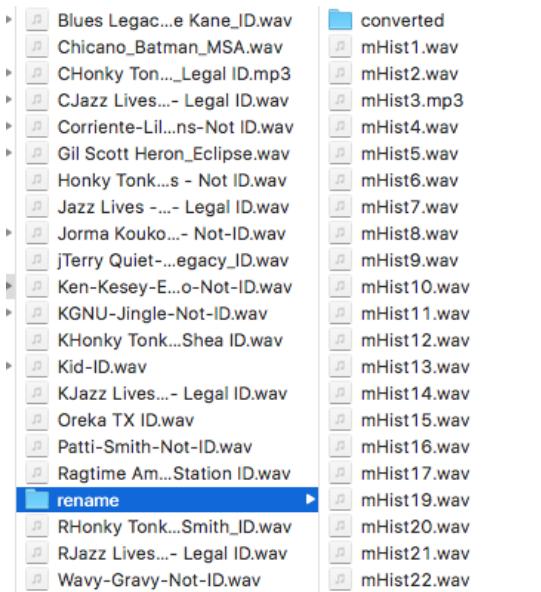
AndrewBird-Not-ID.wav	converted
Bob-Weir-Not-ID.wav	livelD1.wav
ChimneyChoir_ID.wav	livelD2.wav
Courtney-Barnett-ID.wav	livelD3.wav
Daedelus ID.mp3	livelD4.wav
DavidRawlin...(song)-ID.wav	livelD5.mp3
FinndersAnd...g_Erin_ID.wav	livelD6.wav
GasolineLollipops_plug.wav	livelD7.wav
GrantFarm.wav	livelD8.wav
Great-American-Taxi-ID.wav	livelD9.wav
Gregory-Alan-Isakov-ID.wav	livelD10.wav
HeartString_Hunters.wav	livelD11.wav
Jeff Tweedy ID.wav	livelD12.wav
Lil_Smokies-plug.wav	livelD13.wav
Magnetic Fields ID.wav	livelD14.wav
Matt Rausch_ID.wav	livelD15.wav
Mickey-Hart-Not-ID.wav	livelD16.wav
Neville-Staple-Not-ID.wav	livelD17.wav
Ozomatli Not ID.wav	livelD18.wav
rename	livelD19.wav
The Motet.wav	livelD20.wav
Yo-La-Tengo-ID.wav	livelD21.wav

## Music Histories

### Folder A:

00COLLECTIVE HISTORY BLUES LEGACY v2_edited.wav	hist1.wav
01COLLECTIVE HISTORY CORRIENTE_edited.wav	hist2.wav
02COLLECTIVE HISTORY GOSPEL CHIME v1_edited.wav	hist3.wav
03COLLECTIVE HISTORY TERRASONIC v2_edited.wav	hist4.wav
04COLLECTIVE HISTORY DUSTY GROOVES_edited.wav	hist5.wav
05COLLECTIVE HISTORY ELECTRONIC AIR_LONG_05-26-2018_edited.wav	hist6.wav
06COLLECTIVE HISTORY HTH v 1_edited.wav	hist7.wav
07COLLECTIVE HISTORY PRESENT EDGE v1_edited.wav	hist8.wav
08COLLECTIVE HISTORY BLUES LEGACY v3_edited.wav	hist9.wav
09COLLECTIVE HISTORY GOSPEL CHIME v2_edited.wav	hist10.wav
10COLLECTIVE HISTORY TERRASONIC_edited.wav	hist11.wav
11COLLECTIVE HISTORY RADIO NIBBLES_edited.wav	hist12.wav
12COLLECTIVE HISTORY ROOTS AND BRANCHES_edited.wav	hist13.wav
13COLLECTIVE HISTORY UNDER THE FLOORBOARDS_LONG_05-25-2018_edited.wav	hist14.wav
rename	

### Folder B:



## Charles

Folder A:

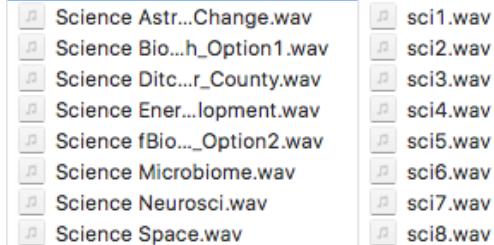
Folder B:

## Local News / Science and Environmental

Folder A:

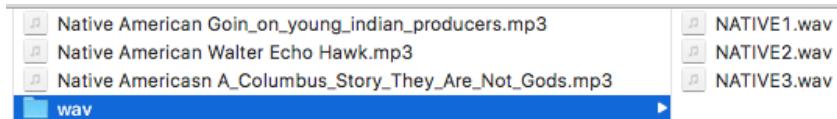


Folder B:

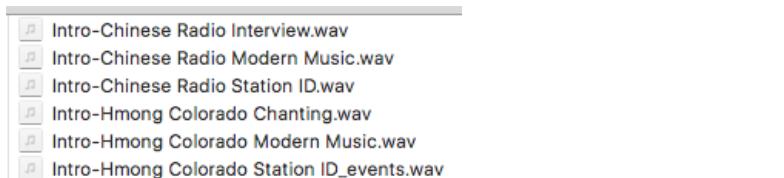


## Community Voices

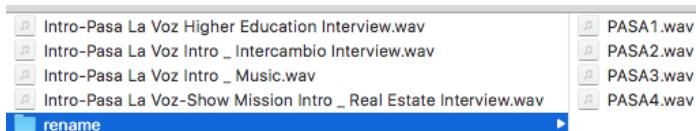
Folder A:



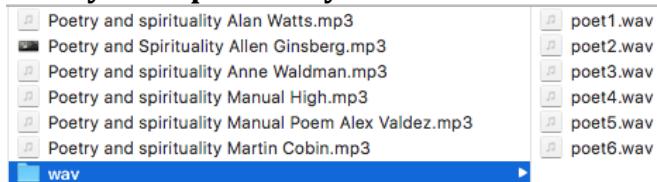
Folder B:



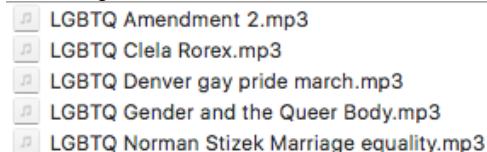
## Folder C:



## Poetry and Spirituality

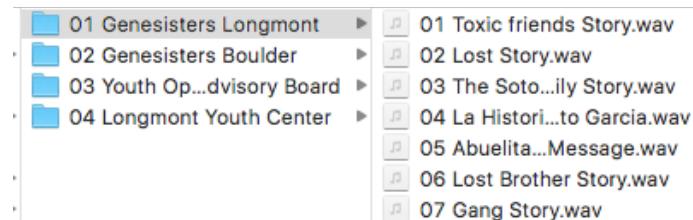


LGBTQ

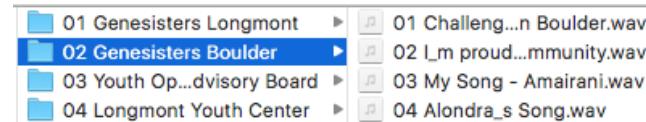


# Media Gardens

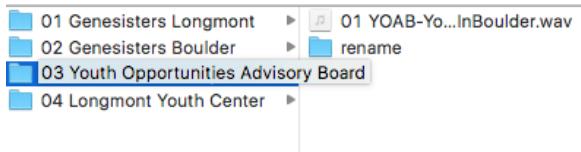
## Folder A:



## Folder B:



## Folder C:



## Folder D:

01 Genesisters Longmont	►	01 Six Quest...rnandez.wav
02 Genesisters Boulder	►	02 Corrido al...h Center.wav
03 Youth Op...dvisory Board	►	03 Zach and...th Center.wav
04 Longmont Youth Center	►	04 Longmon...ter Song.wav
		05 Angel _ K...Interview.wav
		06 Ceci Hern...nterview.wav
		07 Angel Avil...rk Outro.wav

## Source Code

Download here:

<https://github.com/Jiffer/KGNU-Listening-Station>