

Command Documentation for USB

1.Command: `getvolume`

Description: Get the current volume level.

Response: Current Volume: 18

2.Command: `setvolume**volume`

Description: Set volume directly to a specific level.

Example: `setvolume**21`

Response: Volume set to: 19

3.Command: `+ / -`

Description: Increment (+) or decrement (-) volume manually.

Response (+): Volume: 20

Response (-): Volume: 19

4.Command: `play**filename`

Description: Play an MP3 file stored in the 'mp3' folder.

Example: `play**1.mp3`

Response: No response provided.

5.Command: `delete**foldername**filename`

Description: Delete a file from a specific folder.

Example: `delete**mp3**1.mp3`

Response: Full path to delete: /mp3/1.mp3

Response: File deleted: /mp3/1.mp3

6.Command: `delete**foldername**filename`

Description: Delete a JPEG file from the 'images' folder.

Example: `delete**images**2.jpeg`

Response: Full path to delete: /images/2.jpeg

Response: File deleted: /images/2.jpeg

7.Command: fileinfo

Description: Get information about JPEG files stored in SPIFFS.

Response:

```
{
  "images": [
    {"filename": "1.jpeg", "size": 94597},
    {"filename": "2.jpeg", "size": 20350},
    {"filename": "3.jpeg", "size": 61545},
    {"filename": "4.jpeg", "size": 86536}
  ],
  "totalBytes": 1799921,
  "usedBytes": 521578,
  "availableBytes": 1278343
}
```

8.Command: fileinfomp3

Description: Get information about MP3 files stored in SPIFFS.

Response:

```
{
  "mp3files": [
    {"filename": "1.mp3", "size": 103016},
    {"filename": "2.mp3", "size": 149667}
  ],
  "totalBytes": 1799921,
  "usedBytes": 521578,
  "availableBytes": 1278343
}
```

9.Command: sending**filename**filesize**chunksize

Description: Upload JPEG files in SPIFFS under 'images' folder.

Example: sending**1.jpeg**14114**1024

Response: "ok" after each chunk.

10.Command: sendingaudio**filename**filesize**chunksize

Description: Upload MP3 files in SPIFFS under 'mp3' folder.

Example: sendingaudio**1.mp3**14114**1024

Response: "ok" after each chunk.

11.Command: startrotation

Description: Start rotation mode.

Response: Command received. Starting rotation mode...

12.Command: stoprotation

Description: Stop rotation mode.

Response: Rotation mode stopped.

13.Command: startsendingfile filename.jpeg filesize

Description: Upload an image to RAM and display it.

Example: startsendingfile welcome.jpeg 16771

Response: Command received. Preparing to receive file...

Response: Image Displayed Successfully.

14.Command: startsendingaudio filename.jpeg filesize

Description: Upload MP3 data to RAM.

Example: startsendingaudio welcome.mp3 16771

Response: Command received. Preparing to receive file...

Response: MP3 Data received successfully.

15.Command: freesize

Description: Check available memory.

Response: 1278343 exit

16.Command: settimerseconds**

Description: Set a timer in seconds.

Example: settimer**2

Response: New timer set to 2 seconds. exit