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: settimer**seconds

Description: Set a timer in seconds.

Example: settimer**2

Response: New timer set to 2 seconds. exit

17. Welcome screen Command

WelcomeScreen**7418529631@icici

18. Display QRCode screen Command

DisplayQRCodeScreen**upi://pay?pa=63270083167.payswiff@indus&pn=Bonrix&cu=INR&am=10&pn=Bonrix%20Software%20Systems**10**7418529631@icici

19. Display Success screen Command

DisplaySuccessQRCodeScreen**1234567890**ORD10594565**29-03-2023**10

20. Display Fail screen Command

DisplayFailQRCodeScreen**1234567890**ORD10594565**29-03-2023**10

21. Display Pending screen Command

DisplayPendingQRCodeScreen**1234567890**ORD10594565**29-03-2023**10

22. Display Cancel screen Command

DisplayCancelQRCodeScreen**1234567890**ORD10594565**29-03-2023**10

23. Display Setting Json Command

sendtext**{"DisplayQRCodeScreen":{"text_to_pay":{"x":200,"y":250,"color":"BLACK"},"amount_text":{"positions":{"1":[210,260],"2":[200,260],"3":[190,260],"4":[180,260],"5":[170,260],"default":[160,260]},"color":"ORANGE"},"qr":{"version":10,"size":5,"x_offset":100,"y_offset":320},"upi":{"x":100,"y":620,"color":"ORANGE"}},"DisplaySuccessQRCodeScreen":{"amount_text":{"positions":{"1":[192,390],"2":[180,390],"3":[168,390],"4":[156,390],"5":[144,390],"default":[132,390]},"color":"BLACK"}}}

24. Display Setting send Json file Command

Sendingjson** Filename**fileSize**1 chunks of 1024 bytes each

 Ex : sendingjson**display_config.json**479**1024

25. Get Serial number Command : getserialno

26. Command: sendingdefaultimage**filename.jpeg**filesize

Description: Upload DQR JPEG files in SPIFFS under 'textimage' folder.

Example: sendingdefaultimage**welcome.jpeg**20638**1024

Response: "ok" after each chunk.

27. Command:fileinfodqr

Description: Get information about DQR images stored in SPIFFS.

Response:
{"files":[{"filename":"fail.jpeg","size":34715},{"filename":"pending.jpe
g","size":31405},{"filename":"qrcode.jpeg","size":35852},{"filename":"
success.jpeg","size":35705},{"filename":"welcome.jpeg","size":20638}
],"totalBytes":1966080,"usedBytes":811008,"availableBytes":115507
2} [11:56:37] [SUCCESS] Parsed DQR JSON successfully.
Clear Log}

28. Command: delete**foldername**filename

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

Example: delete**textimage **welcome.jpeg

Response: Full path to delete: / textimage /welcome.jpeg

Response: File deleted: / textimage /welcome.jpeg

Bill Screen Commands

--------------------------- USB BIll responce json command ----------------

    1.   COMMAND FOR SHOW SINGLE ITEM :

newbill**Cold Drink**ITM002**100.0**2**bottle**200.0**600.0

(newbill**itemname**itemcode**price**quantity**unit**total**grand total)

    2.   COMMAND FOR SHOW FULL BILL :

billjson**{"storeInfo":{"storeName":"Test Store","address":"123 Test Street","phone":"123-456-7890","gstin":"TEST123456"},"billInfo":{"billNo":"1","date":"2025-02-17","time":"12:00","cashier":"Test Cashier"},"customerInfo":{"customerName":"John Doe","customerPhone":"987-654-3210"},"items":[{"itemName":"Item 1","quantity":2,"pricePerUnit":10.0,"total":20.0},{"itemName":"Item 2","quantity":1,"pricePerUnit":15.0,"total":15.0},{"itemName":"Item 3","quantity":1,"pricePerUnit":15.0,"total":15.0}],"totals":{"subTotal":50.0,"tax":5.0,"discount":0.0,"totalAmount":55.0,"amountPaid":55.0,"paymentMethod":"Cash"},"footer":{"message":"Thank you for testing!","website":"www.teststore.com"}}

    3.   singlebillformat**1 --> for change sigle item theme bill

newbill**<item data> --> display bill in this theme

Exa : newbill**Cold Drink**ITM002**100.0**2**bottle**200.0**600.0

    4.   COMMAND FOR SHOWN TOTAL SCREEN

DisplayTotalScreen**2390.32**50**50**2390.32

(DisplayTotalScreen**totalamount**discountamount**taxamount**grandtotal)

5. changejsontheme**1   --> for change json bill item theme

billjson**{"storeInfo":{"storeName":"Test Store","address":"123 Test Street","phone":"123-456-7890","gstin":"TEST123456"},"billInfo":{"billNo":"1","date":"2025-02-17","time":"12:00","cashier":"Test Cashier"},"customerInfo":{"customerName":"John Doe","customerPhone":"987-654-3210"},"items":[{"itemName":"Item 1","quantity":2,"pricePerUnit":10.0,"total":20.0},{"itemName":"Item 2","quantity":1,"pricePerUnit":15.0,"total":15.0},{"itemName":"Item 3","quantity":1,"pricePerUnit":15.0,"total":15.0}],"totals":{"subTotal": 50.0,"tax":5.0,"discount":0.0,"totalAmount":55.0,"amountPaid":55.0,"paymentMethod":"Cash"},"footer":{"message":"Thank you for testing!","website":"www.teststore.com"}}