



API TESTING DOCUMENT

For Testing Device to send data and audiofile to device via MQTT.

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For Demo Credentials:- User Login Panel:-<http://fintech-terminal-management.bonrix.in/>

Bank Transaction API : -To test API from bank with our terminal device.

- 1. API for Send Amount[For KIOTEL Device] – Sending Transaction Amount to device by Merchant Id or Pos Id.**

```
url= `http://api-fintech-terminal-management.bonrix.in:6500/SoundBoxDemoStage/paymentreceived`
```

The screenshot shows a REST client interface with the following details:

- Method:** POST
- URL:** `http://api-fintech-terminal-management.bonrix.in:6500/SoundBoxDemoStage/paymentreceived`
- Body (raw):**

```
{
  "MerchantId": "123456789",
  "PosId": "",
  "amount": "200.25"
}
```
- Response (JSON):**

```
{
  "external_api_response": {
    "data": {},
    "success": true,
    "version": 3
  },
  "message": "Successfully send the data",
  "status": true
}
```
- Status:** 200 OK
- Time:** 2.46 s
- Size:** 350 B

cURLCommand:-

Use your **Merchant Id** or **Pos Id** in Url and **Api Key** in Header.

Use JSON Data like in cURL Command.

```
curl --location --request POST "http://api-fintech-terminal-  
management.bonrix.in:6500/SoundBoxDemoStage/paymentreceived" ^  
--header 'x-api-key: NW0BoNt12wiytr7RGLN8oqhbPclcGe0D' ^  
--header 'Content-Type: application/json'^  
--data-raw '{"MerchantId": "123456789", "PosId": "", "amount":"20.50"}'
```

2. API to Printer Device – When Any Payment Transaction Done then bank will send callback on this API and send below response.

```
url:"http://api-fintech-terminal-management.bonrix.in:6500/callback_print_tts
```

➤ From this url we get data like this :-

```
{ "OrderKeyId": "638405823522309973", "MerchantKeyId": "21764", "UniqueRequestId": "device1", "OrderType": null, "OrderAmount": "128.50", "OrderId": null, "OrderStatus": "1", "OrderPaymentStatus": "0", "OrderPaymentStatusText": "Paid", "PaymentStatus": "1", "PaymentTransactionId": "73432097", "PaymentResponseCode": "1", "PaymentApprovalCode": null, "PaymentReasonCode": null, "PaymentTransactionRefNo": "401123203915", "PaymentResponseText": "Approved", "PaymentMethod": "Upi", "PaymentAccount": "8000814104@paytm", "OrderRefundTransactionId": "0", "RefundPaymentResponseCode": "0", "RefundPaymentResponseText": null, "RefundDateTime": "\Date(1704965752293)\", "CardType": null, "CardLevel": null, "OrderNotes": "CallBack", "PaymentDateTime": "2/21/2024 3:05:52 PM", "UpdatedDateTime": "2/21/2024 3:05:52 PM", "PaymentProcessUrl": null, "CustomerData": { "CustomerId": null, "CustomerNotes": null, "FirstName": "PATEL YASH", "LastName": null, "MobileNo": null, "Email": null, "EmailReceipt": false, "BillingAddress": null, "BillingCity": null, "BillingState": null, "BillingCountry": null, "BillingZipCode": null, "ShippingFirstName": null, "ShippingLastName": null, "ShippingAddress": null, "ShippingCity": null, "ShippingState": null, "ShippingCountry": null, "ShippingZipCode": null, "ShippingMobileNo": null}, "ProductData": null, "OrderPaymentCustomerData": null, "UpiLink": null, "OrderPaymentTransactionDetail": null, "UserDefinedData": null, "SplitPaymentResponse": null, "Id": "74482428" }
```

- Now from this data I will get Merchant Id and from that merchant id I will find the Printer devices from TMS and send text and voice to that particular devices via MQTT.
- For sending text and voice to printer device, I will use below APIs.

(1) API for send Print data to Printer

```
url:"http://api-fintech-terminal-management.bonrix.in:6500/print_test1
```

The screenshot shows a REST client interface with the following details:

- Method:** POST
- URL:** http://api-fintech-terminal-management.bonrix.in:6500/print_test1
- Body:** A JSON object containing payment details such as MerchantKeyId, UniqueRequestId, OrderAmount, OrderPaymentStatusText, PaymentTransactionId, PaymentTransactionRefNo, PaymentResponseText, PaymentMethod, Upi, PaymentAccount, PaymentDateTime, and FirstName.
- Status:** 200 OK
- Time:** 364 ms
- Size:** 322 B
- Response Body:** A JSON object with a message: "Print Data sent to Printer via MQTT successfully for Device ID d2aFjAsrg5k" and status: true.

cURLCommand:-

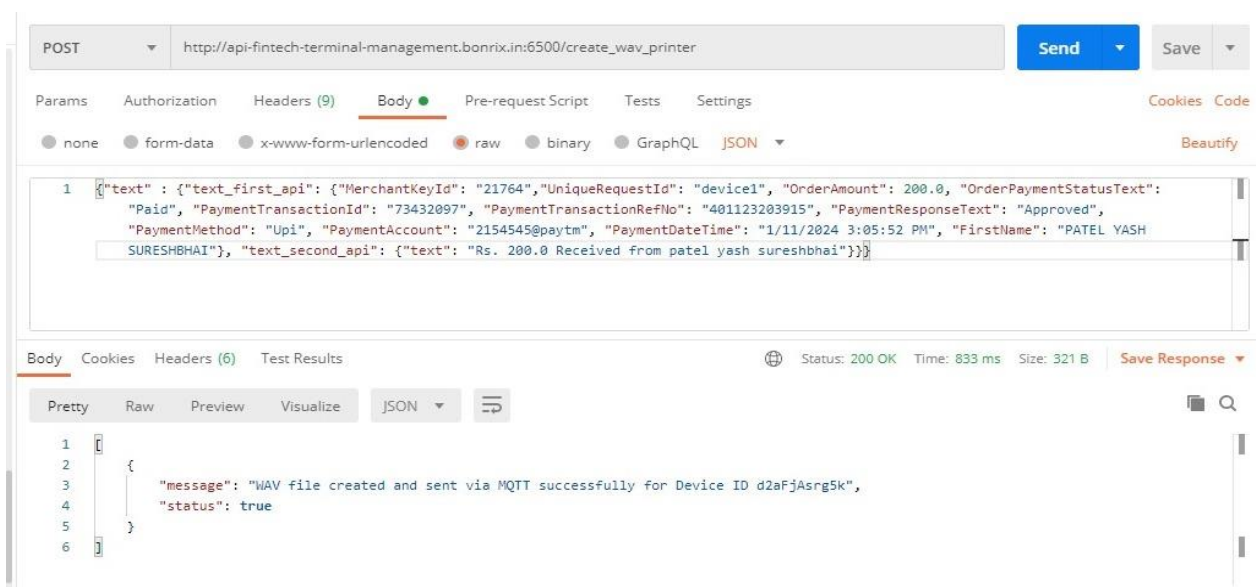
Use your text that you print in JSON.

Use JSON Data like in cURL Command.

```
curl --location --request POST 'http://api-fintech-terminal-management.bonrix.in:6500/print_test1' \
  --header 'Content-Type: application/json' \
  --data-raw '{"text": {"MerchantKeyId": "21764", "UniqueRequestId": "device1", "OrderAmount":
1.0, "OrderPaymentStatusText": "Paid", "PaymentTransactionId": "73432097",
"PaymentTransactionRefNo": "401123203915", "PaymentResponseText": "Approved",
"PaymentMethod": "Upi", "PaymentAccount": "2154545@paytm", "PaymentDateTime": "1/11/2024
3:05:52 PM", "FirstName": "PATEL YASH"}}'
```

(2) API for send Print data to Printer

url: "http://api-fintech-terminal-management.bonrix.in:6500/create_wav_printer"



The screenshot shows a REST client interface with a POST request to `http://api-fintech-terminal-management.bonrix.in:6500/create_wav_printer`. The request body is a JSON object with two main parts: `text_first_api` and `text_second_api`. The response is a JSON object with `message` and `status` fields.

```
POST http://api-fintech-terminal-management.bonrix.in:6500/create_wav_printer
```

```
{
  "text": {
    "text_first_api": {
      "MerchantKeyId": "21764",
      "UniqueRequestId": "device1",
      "OrderAmount": 200.0,
      "OrderPaymentStatusText": "Paid",
      "PaymentTransactionId": "73432097",
      "PaymentTransactionRefNo": "401123203915",
      "PaymentResponseText": "Approved",
      "PaymentMethod": "Upi",
      "PaymentAccount": "2154545@paytm",
      "PaymentDateTime": "1/11/2024 3:05:52 PM",
      "FirstName": "PATEL YASH SURESHBHAI"
    },
    "text_second_api": {
      "text": "Rs. 200.0 Received from patel yash sureshbhai"
    }
  }
}
```

```
{
  "message": "WAV file created and sent via MQTT successfully for Device ID d2aFjAsrg5k",
  "status": true
}
```

cURLCommand:-

Use your text that you sound on device in JSON.

Use JSON Data like in cURL Command.

```
curl --location --request POST 'http://api-fintech-terminal-management.bonrix.in:6500/create_wav_printer' \
  --header 'Content-Type: application/json' \
  --data-raw '{"text": {"text_first_api": {"MerchantKeyId": "21764", "UniqueRequestId":
"device1", "OrderAmount": 200.0, "OrderPaymentStatusText": "Paid", "PaymentTransactionId":
"73432097", "PaymentTransactionRefNo": "401123203915", "PaymentResponseText": "Approved",
"PaymentMethod": "Upi", "PaymentAccount": "2154545@paytm", "PaymentDateTime": "1/11/2024
3:05:52 PM", "FirstName": "PATEL YASH SURESHBHAI"}, "text_second_api": {"text": "Rs. 200.0 Received
from patel yash sureshbhai"}}}'
```

**Thank You,
Bonrix Software Systems.**