



Premium Money

Api Guide (v2.0)

Initial Description

API Version 2 provides secure endpoints for creating deposit addresses, issuing/redeeming codes, checking balances and deposits, etc. Each endpoint requires an **API key** (passed via the ApiKey header) and sometimes additional permissions or HMAC signatures.

For more detailed docs you can use this address : <https://api.premiummoney.com/scalar/v1>

1. Generate Address

Endpoint: POST /api/v2/GenerateAddress

Required Permission: GenerateAddress

Description: Generates a new deposit address for a given address group (e.g., Tron, Bitcoin).

Example Request

```
POST /api/v2/GenerateAddress
ApiKey: YOUR_API_KEY
Accept-Language: en-US
Content-Type: application/json

{
  "AddressGroup": "Tron",
  "Comment": "My Tron deposit address"
}
```

Example Success Response

```
{
  "Success": true,
  "Message": null,
  "Data": {
    "Id": "c73bf1c1-13f7-4fbe-bb98-1735f4319ed9",
    "Type": "Deposit",
    "AddressGroup": "Tron",
    "AddressString": "TG3yJNGpZtvfXJ72px8E935n1P9AmFs4hd",
    "Memo": null,
    "IsMain": false,
    "IsActive": true,
    "Comment": "My Tron deposit address",
    "CreatedAt": "2025-01-01T12:34:56Z",
    "UpdatedAt": "2025-01-01T12:34:56Z"
  }
}
```

2. Issue Code

Endpoint: POST /api/v2/IssueCode

Required Permission: IssueCode

Description: Issues a new voucher/code for a specified asset and amount. **Requires** an HMAC-SHA512 signature in the request body (Signature).

1. Concatenate ApiKey:Asset:Amount:Identifier
2. Hash it with HMAC-SHA512 using your secret key
3. Provide the result in Signature

Example Request

```
POST /api/v2/IssueCode
ApiKey: myApiKey
Accept-Language: en-US
Content-Type: application/json

{
  "Asset": "PSV",
  "Amount": 1.2345,
  "Identifier": "20231218123000",
  "Signature": "78abc4396b213... (HMAC-SHA512)..."
}
```

Example Success Response

```
{
  "Success": true,
  "Message": null,
  "Data": {
    "Id": "d1ebbc1a-3436-42f2-ab1f-596e60bca110",
    "Asset": "PSV",
    "Voucher": "PSV-ABC123-XYZ789",
    "Amount": 1.2345,
    "Status": "Active",
    "Comment": null,
    "IssueId": "4C001122",
    "CreatedAt": "2025-01-02T15:00:00Z",
    "UpdatedAt": "2025-01-02T15:00:00Z",
    "RedeemAt": null
  }
}
```

3. Redeem Code

Endpoint: POST /api/v2/RedeemCode

Required Permission: RedeemCode

Description: Redeems a previously issued voucher/code.

Example Request

```
POST /api/v2/RedeemCode
ApiKey: YOUR_API_KEY
Accept-Language: en-US
Content-Type: application/json

{
  "Voucher": "PSV-ABC123-XYZ789"
}
```

Example Success Response

```
{
  "Success": true,
  "Message": null,
  "Data": {
    "Amount": 1.2345,
    "Asset": "PSV",
    "EffectiveAmount": 1.2345
  }
}
```

4. Get Balance

Endpoint: GET /api/v2/Balance

Required Permission: Inquiry

Description: Retrieves overall balance data (total, blocked, available, etc.).

Example Request

```
GET /api/v2/Balance
ApiKey: YOUR_API_KEY
Accept-Language: en-US
```

Example Success Response

```
{
  "Success": true,
  "Message": null,
  "Data": {
    "Total": 100.0,
    "Blocked": 0.0,
    "Available": 100.0,
    "Debit": 0.0,
    "Prepayment": 0.0,
    "AccountingTurnover": 0.0,
    "LastChangeInUTC": "2025-01-01T10:10:10Z"
  }
}
```

5. Get Deposits

Endpoint: GET /api/v2/Deposits

Required Permission: Inquiry

Description: Lists deposit records with pagination (Page, PageSize).

Example Request

```
GET /api/v2/Deposits?Page=1&PageSize=10
ApiKey: YOUR_API_KEY
Accept-Language: en-US
```

Example Success Response

```
{
  "Success": true,
  "Message": null,
  "Data": {
    "List": [
      {
        "Id": "03bcd558-c7f0-49fb-b099-2de509fc4c2f",
        "TxId": "0x123abc987xyz",
        "Address": "1BitcoinAddress...",
        "Amount": 0.05,
        "Asset": "BTC",
        "BlockchainType": 1,
        "DateTime": "2025-01-01T08:30:00Z"
      }
      // ...
    ],
    "Page": 1,
    "PageSize": 10,
    "TotalCount": 35,
    "TotalPages": 4
  }
}
```

6. Get Deposit

Endpoint: GET /api/v2/Deposit

Required Permission: Inquiry

Description: Returns a single deposit by TxId.

Note: Despite being GET, a JSON body is required.

Example Request

```
GET /api/v2/Deposit
ApiKey: YOUR_API_KEY
Accept-Language: en-US
Content-Type: application/json

{
  "TxId": "0x123abc987xyz"
}
```

Example Success Response

```
{
  "Success": true,
  "Message": null,
  "Data": {
    "Id": "03bcd558-c7f0-49fb-b099-2de509fc4c2f",
    "TxId": "0x123abc987xyz",
    "Address": "1BitcoinAddress...",
    "Amount": 0.05,
    "Asset": "BTC",
    "BlockchainType": 1,
    "DateTime": "2025-01-01T08:30:00Z"
  }
}
```

7. Get Codes

Endpoint: GET /api/v2/Codes

Required Permission: InquiryCode

Description: Lists voucher codes with optional filters (Status, SearchQuery), plus pagination.

Example Request

```
GET /api/v2/Codes?Status=Active&Page=1&PageSize=5
ApiKey: YOUR_API_KEY
Accept-Language: en-US
```

Example Success Response

```
{
  "Success": true,
  "Message": null,
  "Data": {
    "List": [
      {
        "Id": "078fccaf-a504-4e04-82d2-d64b819f7e91",
        "Asset": "PSV",
        "Voucher": "PSV-ABC123-XYZ789",
        "Amount": 1.2345,
        "Status": "Active",
        "Comment": null,
        "IssueId": "4C001122",
        "RedeemId": null,
        "CreatedAt": "2025-01-02T15:00:00Z",
        "UpdatedAt": "2025-01-02T15:00:00Z",
        "RedeemAt": null
      }
      // ...
    ],
    "Page": 1,
    "PageSize": 5,
    "TotalCount": 12,
    "TotalPages": 3
  }
}
```

8. Get Code

Endpoint: GET /api/v2/Code

Required Permission: InquiryCode

Description: Retrieves a single code by Voucher or Id.

Example Request (by Voucher)

```
GET /api/v2/Code?Voucher=PSV-ABC123-XYZ789
ApiKey: YOUR_API_KEY
Accept-Language: en-US
```

Example Request (by Id)

```
GET /api/v2/Code?Id=078fccaf-a504-4e04-82d2-d64b819f7e91
ApiKey: YOUR_API_KEY
Accept-Language: en-US
```

Example Success Response

```
{
  "Success": true,
  "Message": null,
  "Data": {
    "Id": "078fccaf-a504-4e04-82d2-d64b819f7e91",
    "Asset": "PSV",
    "Voucher": "PSV-ABC123-XYZ789",
    "Amount": 1.2345,
    "Status": "Active",
    "Comment": null,
    "IssueId": "4C001122",
    "RedeemId": null,
    "CreatedAt": "2025-01-02T15:00:00Z",
    "UpdatedAt": "2025-01-02T15:00:00Z",
    "RedeemAt": null
  }
}
```

9. Get Addresses

Endpoint: GET /api/v2/Addresses

Required Permission: Inquiry

Description: Returns a list of deposit addresses (paginated), optionally filtered by IsMain, AddressGroup.

Example Request

```
GET /api/v2/Addresses?IsMain=true&AddressGroup=Tron&Page=1&PageSize=5
ApiKey: YOUR_API_KEY
Accept-Language: en-US
```

Example Success Response

```
{
  "Success": true,
  "Message": null,
  "Data": {
    "List": [
      {
        "Id": "c73bf1c1-13f7-4fbe-bb98-1735f4319ed9",
        "AddressString": "TG3yJNGpZtvfXJ72px8E935n1P9AmFs4hd",
        "Memo": null,
        "Comment": "High-volume Tron address",
        "AddressGroup": "Tron",
        "IsMain": true
      }
      // ...
    ],
    "Page": 1,
    "PageSize": 5,
    "TotalCount": 2,
    "TotalPages": 1
  }
}
```

Typical Error Example

A 401 Unauthorized or 403 Forbidden could look like:

```
{
  "Success": false,
  "Message": "Unauthorized",
  "Errors": []
}
```

A 500 Internal Server Error might include:

```
{
  "Success": false,
  "Message": "Internal Server Error",
  "Errors": []
}
```