

# OpenAI ????

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- [OpenAI Audio](#)

## ? ??

OpenAI □□ API □□□□□□□□ :

1. □□□□ (TTS) - □□□□□□□□
2. □□□□ (STT) - □□□□□□□□
3. □□□□ - □□□□□□□□□□

## ? ????

## ????? ?

```
curl https://$Burncloud_API_BaseUrl/v1/audio/speech \
  -H "Authorization: Bearer $Burncloud_API_KEY" \
  -H "Content-Type: application/json" \
  -d '{
    "model": "tts-1",
    "input": "□□,□□!",
    "voice": "alloy"
  }' \
  --output speech.mp3
```

## ????? ?

```
curl https://$Burncloud_API_BaseUrl/v1/audio/transcriptions \
  -H "Authorization: Bearer $Burncloud_API_KEY" \
  -H "Content-Type: multipart/form-data" \
  -F file="@/path/to/file/audio.mp3" \
  -F model="whisper-1"
```

□□□□ :

```
{
  "text": "你好,世界!"
}
```

???? ?

```
curl https://$Burncloud_API_BaseUrl/v1/audio/translations \
  -H "Authorization: Bearer $Burncloud_API_KEY" \
  -H "Content-Type: multipart/form-data" \
  -F file="@/path/to/file/chinese.mp3" \
  -F model="whisper-1"
```

□□□□ :

```
{
  "text": "Hello, world!"
}
```

? ??

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?????

```
POST /v1/audio/speech
```

□□□□□□□□

?????

```
POST /v1/audio/transcriptions
```

□□□□□□□□□□

????

```
POST /v1/audio/translations
```

XXXXXXXXXX

?????

XXXXXXXXXXXX

API XXXXX

Authorization: Bearer \$Burncloud\_API\_KEY

{} \$Burncloud\_API\_KEY {} API {}

??????

??????

model

- XXXXX
- XXXX
- XXXX tts-1, tts-1-hd
- XXXXXX TTS {}

input

- XXXXX
- XXXX
- XXXXX 4096 {}
- XXXXXXXXXXXXX

voice

- XXXXX
- XXXX
- XXXX alloy, echo, fable, onyx, nova, shimmer
- XXXXXXXXXXXXX

response\_format

- XXXXX
- XXXX
- XXXX mp3
- XXXX mp3, opus, aac, flac, wav, pcm
- XXXXXXXXXXXXX

speed



- 0 - 1
- ,

### timestamp\_granularities

- 
- 
- segment
- word, segment
- 

????

### file

- 
- 
- flac, mp3, mp4, mpeg, mpga, m4a, ogg, wav, webm
- 

### model

- 
- 
- whisper-1
- ID

### prompt

- 
- 
- 

### response\_format

- 
- 
- json
- json, text, srt, verbose\_json, vtt
- 

### temperature

- 
- 
- 0
- 0 - 1



????

```
{  
  "text": "????????"  
}
```

????

??????

API ?????????

HTTP ????

4XX-5XX ????

???????

- 400 Bad Request : ?????
- 401 Unauthorized : API ?????
- 429 Too Many Requests : ? API ?
- 500 Internal Server Error : ?????

???? :

```
{  
  "error": {  
    "message": "??????",  
    "type": "invalid_request_error",  
    "param": "file",  
    "code": "invalid_file_format"  
  }  
}
```

Revision #2

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