



Syntech Mini Docking Station for Steam Deck Instructions

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Firmware Upgrade Procedure of Syntech Rog Ally Dock

Note :

1. Please make sure to use a Windows system laptop or desktop computer for upgrading, Applecomputers or other system computers currently can not support firmware upgrade.
2. When using the computer can not open the normal firmware program, please check whether your computer is set to block the opening and installation of foreign programs, some anti-virus software or computer security software will prevent the opening of the firmware file.

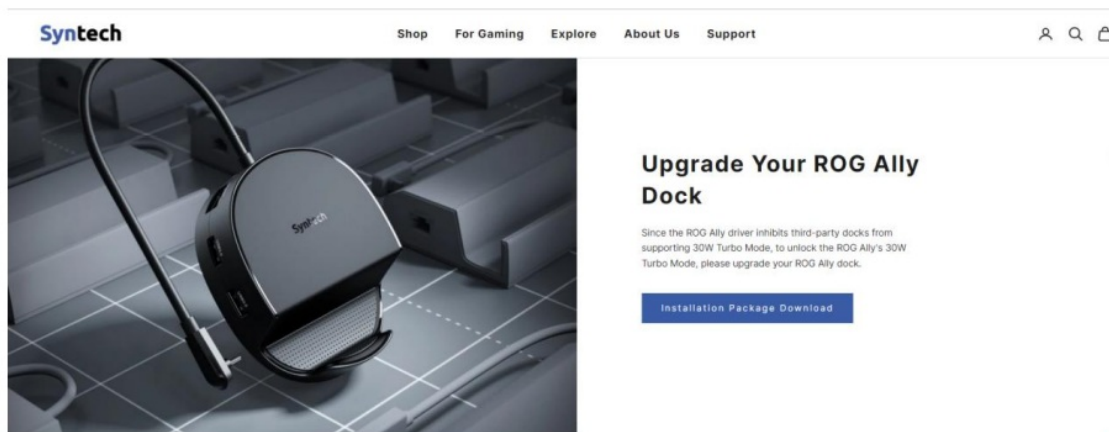
Step 1

Download the installation package on

LINK:

<https://syntechhome.com/products/syntech-docking-station-compatible-with-steam-deck>

At the bottom of the page



Step 2

You need to prepare a Windows PC first, and connect the PD charging port of Syntech Rog Ally Dock to the PC via USB-C to USB-C or t USB-C to USB-A cable.



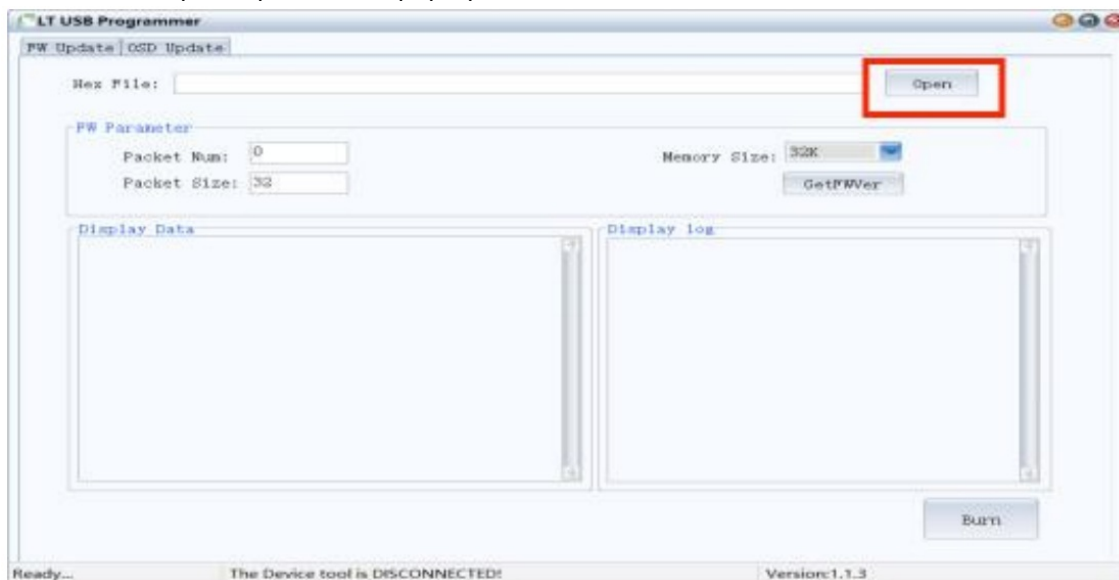
Step 3

Locate and double-click the “LT USB Programmer(1).exe” application on the installation package file.

名称	修改日期	类型
LT USB Programmer(1).exe	2022/10/27 9:23	应用程序
LT USB Programmer(1).zip	2023/7/6 17:41	360压缩 ZIP 文件
LT8711UXD_U1_QFN48_Male_DP14_CKS(0x393F80)_SV020116_20230628_BB_Emark_Switch_SteamDeck_NoUart_5Watt.hex	2023/6/28 16:20	HEX 文件
LT8711UXD_U1_QFN48_Male_DP14_CKS(0x393F80)_SV020116_20230628_BB_Emark_Switch_SteamDeck_NoUart_5Watt.zip	2023/7/6 17:42	360压缩 ZIP 文件

Step 4

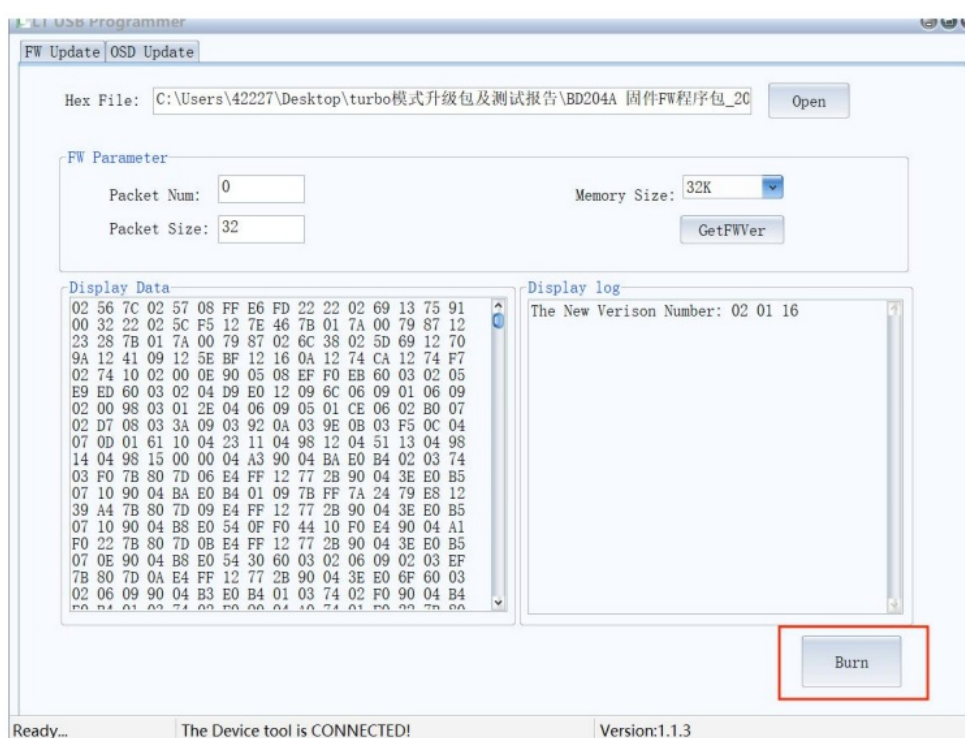
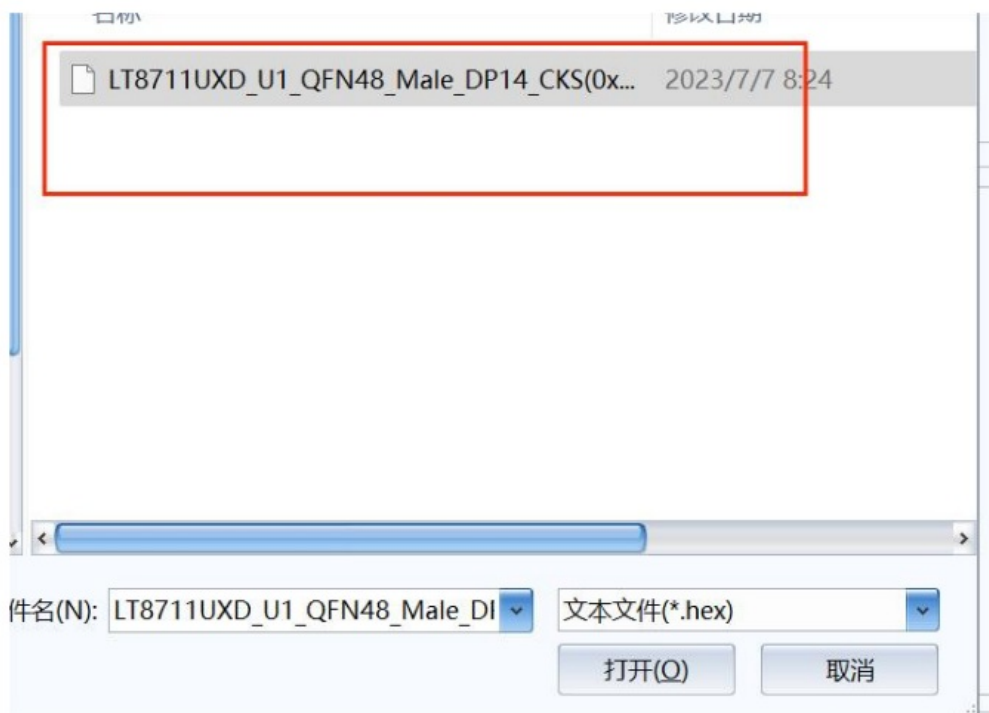
Click on the “Open” option in the pop-up window.



Step 5

Select the firmware programmed in the pop-up window:

LT8711UXD_U1_QFN48_Male_DP14_CKS(0x393F80)_SV020116_20230628_BB_Emark_Switch_SteamDeck_NoUart_5Watt.hex ” then click “Burn” to upgrade the firmware.



Step 6

After clicking “Burn” to upgrade the firmware, the progress bar will show from 0% to 100% completion. When “The Device tool written successfully” appear son the interface, it means the firmware has been upgraded successfully.

Hex File: C:\Users\PC\Desktop\BD204A\BD204A_2023.6.28日FW\LT8711UXD_U1_QFN48_Male Open

FW Parameter

Packet Num: 0 Memory Size: 32K

Packet Size: 32 GetFWVer

Display Data

```
02 56 7C 02 57 08 FF E6 FD 22 22 02 69 13 75 91
00 32 22 02 5C F5 12 7E 46 7B 01 7A 00 79 87 12
23 28 7B 01 7A 00 79 87 02 6C 38 02 5D 69 12 70
9A 12 41 09 12 5E BF 12 16 0A 12 74 CA 12 74 F7
02 74 10 02 00 0E 90 05 08 EF F0 EB 60 03 02 05
E9 ED 60 03 02 04 D9 E0 12 09 6C 06 09 01 06 09
02 00 98 03 01 2E 04 06 09 05 01 CE 06 02 B0 07
02 D7 08 03 3A 09 03 92 0A 03 9E 0B 03 F5 0C 04
07 0D 01 61 10 04 23 11 04 98 12 04 51 13 04 98
14 04 98 15 00 00 04 A3 90 04 BA E0 B4 02 03 74
03 F0 7B 80 7D 06 E4 FF 12 77 2B 90 04 3E E0 B5
07 10 90 04 BA E0 B4 01 09 7B FF 7A 24 79 E8 12
39 A4 7B 80 7D 09 E4 FF 12 77 2B 90 04 3E E0 B5
07 10 90 04 B8 E0 54 0F F0 44 10 F0 E4 90 04 A1
F0 22 7B 80 7D 0B E4 FF 12 77 2B 90 04 3E E0 B5
07 0E 90 04 B8 E0 54 30 60 03 02 06 09 02 03 EF
7B 80 7D 0A E4 FF 12 77 2B 90 04 3E E0 6F 60 03
02 06 09 90 04 B3 E0 B4 01 03 74 02 F0 90 04 B4
```

Display log

```
The New Verison Number: 02 01 16
The Old Verison Number: 20 00 02
The Device tool written successfully
The Old Verison Number: 20 00 02
```

80 % Burn

LT USB Programmer

FW Update OSD Update

Hex File: C:\Users\42227\Desktop\turbo模式升级包及测试报告\BD204A_固件FW程序包_20 Open

FW Parameter

Packet Num: 0 Memory Size: 32K

Packet Size: 32 GetFWVer

Display Data

```
02 56 7C 02 57 08 FF E6 FD 22 22 02 69 13 75 91
00 32 22 02 5C F5 12 7E 46 7B 01 7A 00 79 87 12
23 28 7B 01 7A 00 79 87 02 6C 38 02 5D 69 12 70
9A 12 41 09 12 5E BF 12 16 0A 12 74 CA 12 74 F7
02 74 10 02 00 0E 90 05 08 EF F0 EB 60 03 02 05
E9 ED 60 03 02 04 D9 E0 12 09 6C 06 09 01 06 09
02 00 98 03 01 2E 04 06 09 05 01 CE 06 02 B0 07
02 D7 08 03 3A 09 03 92 0A 03 9E 0B 03 F5 0C 04
07 0D 01 61 10 04 23 11 04 98 12 04 51 13 04 98
14 04 98 15 00 00 04 A3 90 04 BA E0 B4 02 03 74
03 F0 7B 80 7D 06 E4 FF 12 77 2B 90 04 3E E0 B5
07 10 90 04 BA E0 B4 01 09 7B FF 7A 24 79 E8 12
39 A4 7B 80 7D 09 E4 FF 12 77 2B 90 04 3E E0 B5
07 10 90 04 B8 E0 54 0F F0 44 10 F0 E4 90 04 A1
F0 22 7B 80 7D 0B E4 FF 12 77 2B 90 04 3E E0 B5
07 0E 90 04 B8 E0 54 30 60 03 02 06 09 02 03 EF
7B 80 7D 0A E4 FF 12 77 2B 90 04 3E E0 6F 60 03
02 06 09 90 04 B3 E0 B4 01 03 74 02 F0 90 04 B4
```


Display log

```
The New Verison Number: 02 01 16
The Old Verison Number: 02 01 16
The Device tool written successfully
```

Burn

Ready... The Device tool is CONNECTED! Version:1.1.3

Syntech

	<p>Syntech Mini Docking Station for Steam Deck [pdf] Instructions</p> <p>Mini Docking Station for Steam Deck, Docking Station for Steam Deck, Station for Steam Deck, Steam Deck, Deck</p>
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References

- [S Elevate Your Play: 6-in-1 Docking Station with Steam Deck](#)
- [User Manual](#)