

# STUDIOCONTROL C200 Flash and SN Tool



V1.01 30.5.24

## Foreword

Flashing the STUDIOCONTROL resets the C200 to factory settings and installs the latest firmware. If possible, read out the serial number before flashing. It can be found under: Settings – About the tablet – Model and hardware – Serial number

Correct SN: RXBL10685 (example)

Incorrect SN: 0123456789ABCDE

If the C200 displays an incorrect SN, a correct SN must be programmed after flashing. For more details, see step 3.

## Preparation

- C200 battery OK
- Black plastic cover removed from bottom of C200 (two small Phillips screws)
- A Windows computer is required
- USB-C to USB-A cable ready (e.g., from the C200 charging station)
- Switch off the C200

## **Step 1: Download the tool package and install the USB driver**

1. Download the SW package "C200\_Flash\_and\_SN\_Tool\_package" to your local computer.
2. Install the USB drivers from the folder "MediaTek\_Preloader\_USB\_VCOM\_Drivers\_Setup\_Signed."

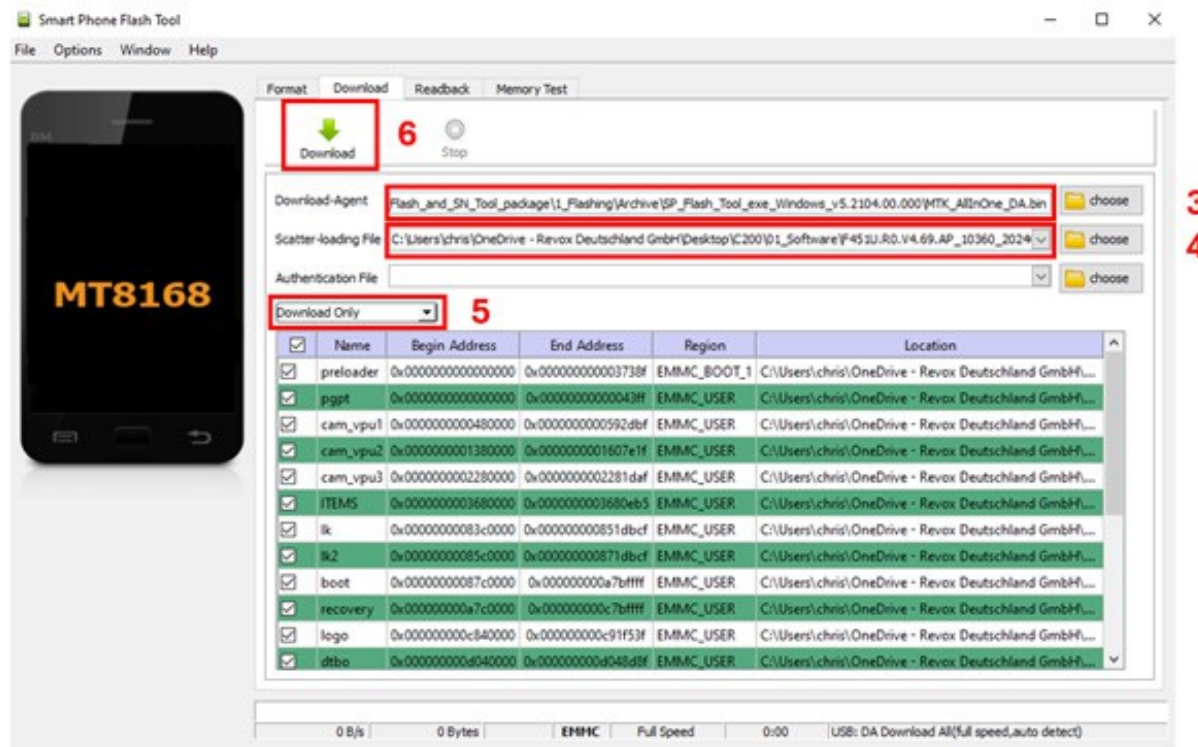
## **Step 2: Flash the C200**

Note: All profile settings, apps, and accounts will be deleted from the C200 when you flash it! The STUDIOCONTROL will then be reset to factory settings and must be reconfigured (by the customer). The first boot after flashing may take several minutes.

1. Turn off the C200 (shut down)
2. In the folder "SP\_Flash\_Tool\_exe\_Windows\_v5.2104.00.000," run the file "flash\_tool.exe."
3. Insert Download Agent, which can be found at:  
C200\_Flash\_and\_SN\_Tool\_package\02\_Flashtool\Archive\SP\_Flash\_Tool\_exe\_Windows\_v5.2104.00.000 "
4. Select the current scatter file "MT8168\_Android\_scatter.txt" from the current SW release folder.
5. Select "Download only" so that the existing SN is not overwritten!
6. Then click on "Download."
7. Now connect the switched-off C200 to the computer using a USB cable. The flashing process should now start without further interaction; this is also displayed in the flashing tool.
8. After flashing, the "Download OK" message can be closed. If a correct SN was read out beforehand, the USB-C cable can be disconnected and the cover can be replaced. If an incorrect SN was detected, the USB-C cable can be disconnected and then proceed directly to step 3.

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## Step 3: Program the serial number

Info: On a new C200, the serial number is noted in two places:

1. On the label of the original packaging
2. As a software entry, which can be found in the STUDIOCONTROL settings

If the C200 displays a universal SN 0123456789ABCDE, a C200-compliant serial number must be reprogrammed. The correct serial number must therefore be known before programming. There are two ways to do this:

1. The original serial number is clearly known from the invoice or delivery note documents and can be reprogrammed. Caution: Never simply use the SN on the packaging, as it could be any C200 packaging from another STUDIOCONTROL!
2. The original serial number is not clearly identified on the invoice or delivery note. In this case, a new, unused SN is programmed.

### Serial number programming

1. Switch off (shut down) the C200
2. Run "SN\_Writer.exe" in the "03\_SN\_MAC\_writer\_tool" folder.
3. Under "Identify-Engineer-Enable AutoGen," check that the box next to "Wifi" is checked. Then close the window by clicking OK.

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**REVOX**  
Studio Sound Quality

AutoGen Config

Enable AutoGen

☐ Barcode ☐ IMEI ☐ BT ☒ Wifi ☐ Ethernet ☐ DRMKey MCID

Barcode

Start: 1234

End: 4000000000000000

Next: 30ed

Step: 1

Increase radix  
☐ Decimal  
☒ Hexadecimal

IMEI

Start: 123456789100000

End: 223456789200000

Next: 12346000000269

Step: 1

BT Address

Start: 123456789A00

End: 223456789A01

Next: 123456789a15

Step: 1

Wifi Address

Start: 10720D39012A

End: 70720D39012C

Next: 20720d39013e

Step: 1

Ethernet Mac Address

Start: 111111111111

End: 222222222222

Next: 123460000002

Step: 1

DRMKey MCID

Start: 11111111111111111111

End: 22222222222222222222

Next: 11111111111111111111

Step: 1

Cancel OK

4. Now press "Config" and make sure that "Barcode" and "Wifi Address" are activated. Next, click on "AP\_DB" to select the correct file, which is located in the folder F451U.R0.V4.69.AP\_10360\_20250918.zip folder under "\\F451U.R0.V4.69.AP\_10360\_20240528\DB". Now save everything by clicking on "save."

System Config

Write Option

☒ Barcode

☐ IMEI

☐ BT Address

☒ Wifi Address

☐ Ethernet Mac Address

☐ DRMkey MCID

☐ MEID

☐ ESN

IMEI Option

☐ IMEI CheckSum

☐ Dual IMEI

☐ DualIMEI Same

☐ Three IMEI

☐ Four IMEI

Header Option

Barc Header:  ☐ On/Off

BT Header:  ☐ On/Off

Wifi Header:  ☐ On/Off

IMEI\_1 Header:  ☐ On/Off

IMEI\_2 Header:  ☐ On/Off

IMEI\_3 Header:  ☐ On/Off

IMEI\_4 Header:  ☐ On/Off

Serial Header:  ☐ On/Off

Ethernet Header:  ☐ On/Off

MCID Header:  ☐ On/Off

MEID:  ☐ On/Off

MSN:  ☐ On/Off

Database File

☐ Load AP DB from DUT ☐ Load Modem DB from DUT

C:\Users\bd20\Desktop\07A0x10\_0\APDB\MDDB\_InfoCustomAppSrcF MD1\_DB

C:\Users\bd20\Desktop\07A0x10\_0\APDB\MDDB\_InfoCustomAppSrcF MD2\_DB

C:\Users\bd20\Desktop\07A0x10\_0\APDB\APDB\_MT6761\_S01\_W20 AP\_DB

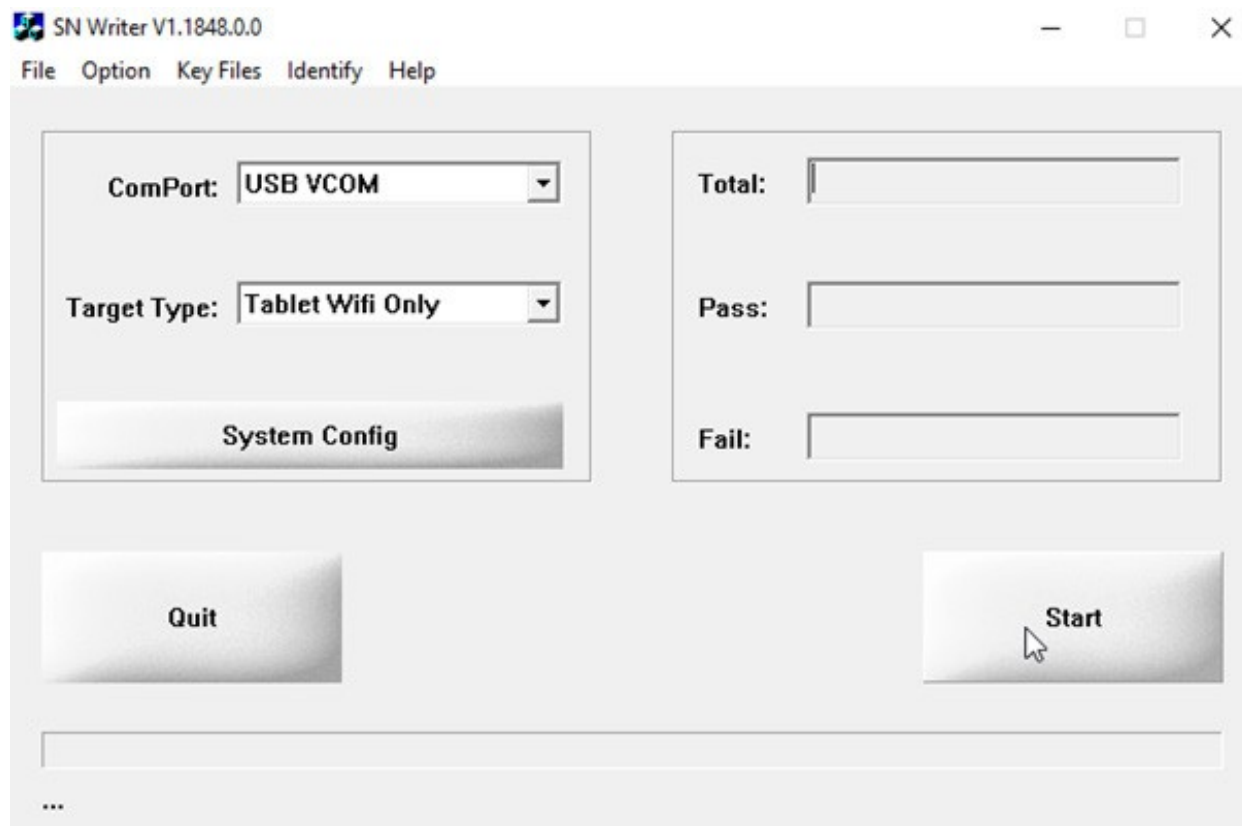
Log Dir C:\SNWriter\_LOG\

Save

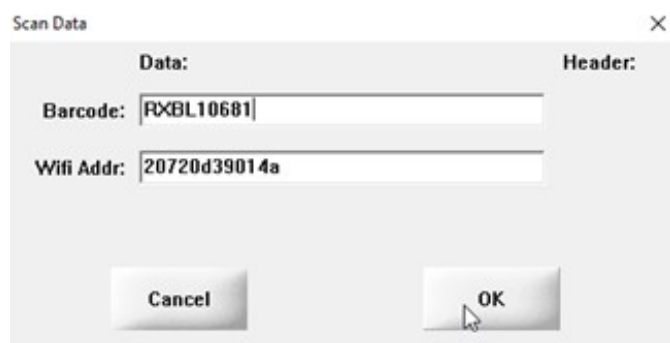
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5. Ensure that "USB VCOM" is selected for ComPort and "Tablet Wifi only" for Target Type. Then press "Start."



6. Next, enter the correct serial number in the "Barcode" field. The WiFi address is generated automatically by the tool. Now click "OK" and connect the C200 to the USB-C cable.



7. The tool will now write the serial number to the C200 image. If everything worked, the tool will report "Passed" and open a new Barcode/Wifi Addr window. Remove the USB-C cable from the C200 and close the SN tool. The slot cover of the C200 can be reinstalled; the software adjustments are complete.