# Using Front Panel Update Tool

The Front Panel Update Tool program is used for installing new firmware into the CS800, CS801, or CS800D front panel.

#### Step 1

First thing you need to do is download Front Panel Update Tool from our website. You can find the program at the following links:

http://www.connectsystems.com/products/top/radios/CS800D\_SOFT WARE.htm

The program to downloaded is called FPUT.exe

#### Step 2

Once you get the program, just run it and you should get the following:

🖕 FrontBoard Upgrade Tool 1.5	
Port Radio Type DM6000   Serial Port None	Baud 38400 -
MCU Rewrite	Flash
Font Library	Flash
BT Upgrade File	Flash
	Chinese Version About

# Step 3

Now download the Front Panel Firmware Version 2.00.14 (zip) and unzip the file. The unzipped file name is:

FrontPanel\_DM6000\_V2.00.14.fot

Put it in the same directory as FPUT.exe

# Step 4

Attach the CS800, CS801 or CS800D radio to a power supply and turn on the power supply. If the radio turns on, turn it off.

### Step 5

Attach the Programming cable between the RJ45 connector in the front of your radio and your USB port of the computer.

### Step 6

Press the P7 switch and while it is pressed turn on the power by pressing the power switch until the display says

Program Mode

And the front panel LED is a solid red. The P7 switch is the rotary switch normally reserved for volume control.



#### Step 7

With your mouse left key, double click the button from the program you just ran that has three dots in the middle under the MCU Rewrite section.

FrontBoard Upgrade Too	l 1.5			_ <b>D</b> X
Port Radio Type D	M6000 🔻	Serial Port None	Baud 38400	•
MCU Rewrite				Flash
Font Library				Flash
BT Upgrade File				Flash
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)rganize 🔻 New folder					II ▼	
Favorites	▲ Name	Date modified	Туре	Size		
🗼 Downloads	FrontPanel_DM6000_V2.00.14.fot	6/13/2019 2:42 PM	FOT File	37 KB		
🝊 OneDrive	CS800D_LCD_V2.00.08.fot	11/13/2017 2:09 PM	FOT File	36 KB		
📱 Recent Places	GD_VirtualComDriver v2.0.2.4944	1/24/2019 9:11 PM	File folder			
🧾 Desktop	]) GD new driver 0825	10/23/2018 6:09 PM	File folder			
🔕 Creative Cloud Files	퉬 D878UV V1.07 FW	10/23/2018 6:09 PM	File folder			
	ENTEL_DEALER_EUP_DX4xx_V1.0.0.0_INST	6/27/2018 9:20 AM	File folder			
📃 Desktop	퉬 st-linkv2_upgrade	6/27/2018 8:24 AM	File folder			Select a
🔋 🗟 Libraries	ENTEL_DEALER_EDP_DX4xx_V1.0.0.0_INST	5/1/2018 3:08 AM	File folder			to previe
🛛 📔 Documents	📙 GD_VirtualComDriver 1.0.1.2118	8/2/2017 12:18 PM	File folder			
🛛 🎝 Music	🍌 T37-2_files	6/20/2017 11:50 AM	File folder			
🛚 📄 New Library	🍌 New folder	4/24/2017 2:46 PM	File folder			
🛛 🔛 Pictures	퉬 picture	1/5/2017 9:37 AM	File folder			
👌 🛃 Videos	📙 Gerber274X_NCDrill	3/29/2016 11:05 AM	File folder			
💐 Homegroup	퉬 Adobe Application Manager 9.0	12/4/2015 8:50 AM	File folder			
🔋 🚺 Jerry						
🔎 💷 Computer	T					
File name:					✓ Archive Files(*,fot)	•

You should get a window that looks similar to the one below.

### Step 8

With the left key on your mouse, double click the line that says:

"FrontPanel\_DM6000\_V2.00.14.fot"

🖕 FrontBoard Upgrade Tool 1.5
Port Radio Type DM6000    Serial Port COM3    Baud 38400
MCU Rewrite C:\Users\Jerry\Downloads\FrontPanel_DM6000_V2.00.14.fot Flash Flash
Font Library
BT Upgrade File
Chinese Version About

The Front Panel Update Tool program should now look as follows:

Make sure there is something in the Serial Port box. In this case it is COM3. If there is nothing there, wait a few minutes and Windows will normally find the right driver and install it. If that does not work, download and install the driver.

#### Step 9

With the left key on your mouse, double click the button that says "Flash" just to the right of the line that was just inserted into the program.

The program should now look as follows:

Baud 38400 -
Flash
Flash
Flash

When finished you should get the following message:

put	
Upgrade Success!	
	ОК
	Marketing

And the red led on the radio should turn off and the message on the screen should disappear. The radio is still on.

Press the power button for 10 seconds and then let go. The radio is now turned off.

You are finished!