Installing Bootloader version B7.06 if you have Bootloader version B7.02

Summary

This document provides step-by-step instructions for upgrading the bootloader of a radio from version B7.02 to B7.06. The process involves connecting the radio to a computer using a programming cable, pressing specific buttons on the radio, and using the Factory Tool_COMMON_V5.09.01 software.

Detailed Instructions

Connect the radio to the computer with the programming cable. Press the PTT and Top Orange button on the radio at the same time and then turn on the radio. You should see the following screen on the radio:



If you do not already have Factory Too Common Version V5.09.01 install it and you should get the following shortcut as shown below.



Start the program by double clicking on the shortcut as shown above.

You should then get the following screen:

Factory Tool_COMMON_V5.09.01	_
Radio Type Portable	•
Model Series DR7000_HRC6000_SKY72310	•
Bootloader (*. boot)	
Firmware (*. bin)	
RCDB (*. rdb, *. rdbx)	
Font Library (*. pack)	
Fixed Voice (*. fv)	
Tuner File(*.tdb)	
C:\Users\Jerry\Desktop\M17 Updates\M17 PLUS Firmwar	re\CS
	Vpgrade

Hactory Tool_COMMON_V5.09.01 Radio Type Portable • D Model Series DR7800S_HRC6000_SKY72310_11_H7 • Bootloader (*. boot) 1 Firmware (*. bin) RCDB (*. rdb, *. rdbx) Font Library (*. pack, *. mpack) Fixed Voice(*.fv) Tuner File(*.tdb) C:\Users\Jerry\Desktop\M17 Updates\M17 PLUS Firmware\CS Language Package (*. lang) -Welcome Image(*.bmp)--Maximum support 160 * 128 pixel size Picture Resource(*.pic) Upgrade

Set the Model Series and bootloader check box as shown below:

Click on the button to the right of the "bootloader (*.boot)" that has three dots on it and you should get a box like below to find the bootloader you want to use.

Radio Type Portable Model Series DR7800S_HRC6000_SKY72310_11_H7 Bootloader (* boot)	
Rivewara (* hin)	
A Open	×
Look in: 🚺 New Way 👻	© ⊉ Þ
R Name	Date modified Ty
From Joince	12/13/2024 3:40 PM Fi
M17PLUS_Bootloader_B7.05_20241210.boot	12/10/2024 12:22 B(
1	
File name:	Open
I Files of type: BOOT File(*.boot)	▼ Cancel
Welcome Image(*.bmp)Maximum support 160 * 128	pixel size
Picture Resource(*.pic)	
	Upgrade

Double click on the appropriate file and you should get the following:

A Factory Tool_(COMMON_V5.09.01	• X
Radio Type	Portable	•
Model Series	\$DR7800S_HRC6000_SKY72310_11_H7	•
-Bootloader (*	. boot)	
V C:	\Users\Jerry\Desktop\M17 Updates\M17 PLUS Firmware\Ne	···
Firmware (*. b	in)	
RCDB (*. rdb, *	. r dbx)	
Font Library	(*. pack, *. mpack)	
	•. [V]	
Tuner File (*	.tdb) \Users\Jerry\Desktop\M17 Updates\M17 PLUS Firmware\CS	
Language Pac	kage (*. 1 ang)	
Welcome Imag	e(*.bmp)Maximum support 160 * 128 pixel size	
Picture Reso	urce (*. pic)	
	U	ograde

Notice the bootloader rectangle now has the location of the bootloader. Press the "Upgrade" button and you are done with pressing keys.

If all things are going right, you should see the screen below

Hactory Tool_COMMON_V5.09.01	
Radio Type Portable	
Model Series DR7800S_HRC6000_SKY72310_11_H7	*
Bootloader (*. boot)	
C:\Users\Jerry\Desktop\M17 Updates\M17 PLUS Fin	rmware\Ne
Firmware(*.bin)	
RCDB (*. rdb, *. rdbx)	
Font Library (*. pack, *. mpack)	
Fixed Voice (*. fv)	
Tuner File(*.tdb)	
C:\Users\Jerry\Desktop\M17 Updates\M17 PLUS Fin	rmware\CS
Language Package (*. 1ang)	
-Welcome Image(*.bmp)Maximum support 160 * 128 pixel siz	ze
Picture Resource(*.pic)	
11:06:47Began to upgrade bootloader file	Upgrade

— — 23 A Factory Tool_COMMON_V5.09.01 Radio Type Portable * Model Series DR7800S_HRC6000_SKY72310_11_H7 ÷ Bootloader (*. boot) C:\Users\Jerry\Desktop\M17 Updates\M17 PLUS Firmware\Ne Firmware (*. bin) RCDB (*. rdb, *. rdbx) X Prompt Font Library (*. pack, Upgrade finish! Fixed Voice (*. fv) Tuner File(*.tdb) OK C:\Users\J Firmware\CS Language Package (*. lang) Welcome Image(*.bmp)---Maximum support 160 * 128 pixel size Picture Resource (*. pic) 11:06:47Began to upgrade bootloader file. Upgrade

And in a few seconds, you should see the following screen:

You are now finished. Press the OK button above and exit from that program. Check the radio to see the correct bootloader is installed and if not try again.