

MT9083 Series ACCESS Master Firmware Update Procedure (USB Cable Connection)

Version 3

Firmware Update Procedure

The Firmware Update Procedure is used to add new functions to the MT9083 and resolve any known problems. The MT9083 firmware is updated by installing the file released by Anritsu.

This document explains how to upgrade the firmware using a USB cable

Notes:

- BEFORE performing this firmware upgrade, ALWAYS read the MT9083 Series ACCESS Master Firmware Update Procedure (this document) and the MT9083 Instruction Manual.
- Perform the upgrade with the AC adapter connected to the MT9083.

Step 1: Expanding file downloaded from Internet

The MT9083 firmware update file can be downloaded to a PC from the Firmware Download site at Anritsu's web page.

Download file name:

MX9083_vxxx_E.zip (xxx: Version; example: MX9083_v101_E.zip)

The download file is provided as a .zip file. Copy the downloaded file to a folder on the PC and then expand it. The following files will be extracted.

- 1) MT9083_Install_vxxx.apm (MT9080 firmware update file version xxx)
- 2) MT9083_DownloadManual_E.pdf (Download manual: this document)
- 3) MT9083_ReleaseNote_vxxx_E.pdf (Release notes)
- 4) Readme.txt (version information for expanded file)

Notes:

- Be sure to read the Release notes and confirm the firmware version of the MT9083 before running the update. If the MT9083 firmware version is the same as the firmware update version, there is no need to update the firmware.

Step 2: Copying firmware update file (MT9083_Install_vxxx.apm) to internal memory

Using the following procedure copy the firmware update file (MT9083_Install_vxxx.apm) downloaded by procedure 1 from the customer's PC to the internal memory of this machine.

Use a USB cable to connect the customer's PC and the USB Up Port of this machine (Fig. 1). At the PC, select and open the removable disk. Access the internal memory of this machine from the PC and drag the update file (MT9083_Install_vxxx.apm) from the PC to this machine (Fig. 2) to copy it to the internal memory.

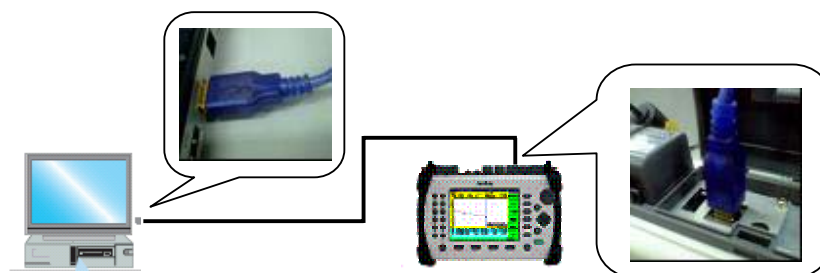


Fig. 1 USB Cable Connection

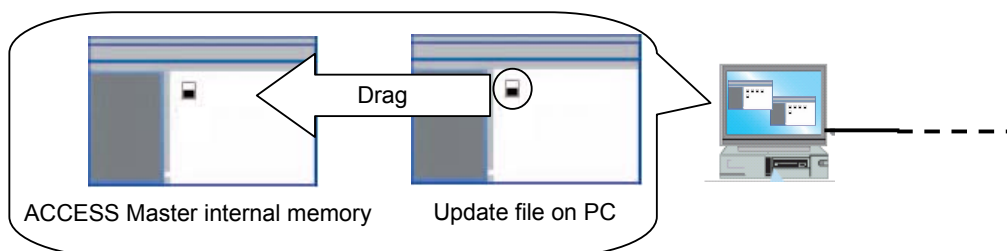


Fig. 2 Copying Update File to ACCESS Master

After copying the file to internal memory using the above procedure, safely disconnect the USB cable connection between the ACCESS master and the PC by referring to the PC operation manual.

Step 2: Copying firmware update file (MT9083_Install_vxxx.apm) to USB memory

Copy the firmware update file (MT9083_Install_vxxx.apm) from the PC to the USB memory stick. The copy procedure is described in the PC or USB memory instruction manual.

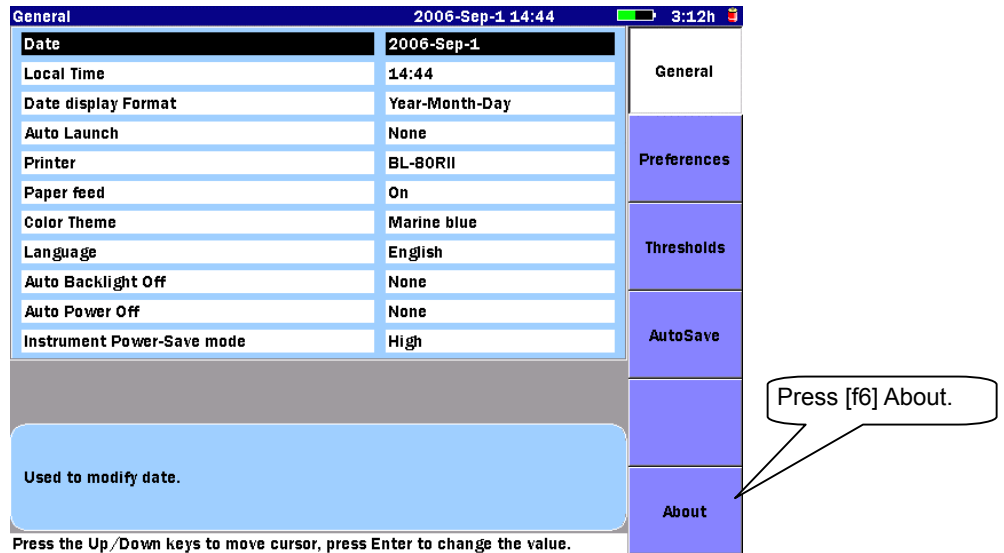
Step 3: Displaying firmware update screen

Press the Top menu key to display the Top menu (Fig. 1) and then press the **Setup** **5** key to display the General Configuration screen.



Fig. 1 Top Menu

After the General Configuration screen (Fig. 2) is displayed, press the **f6** (About) key to display the MT9083 About screen.




When the MT9083 About screen (Fig. 3) is displayed, check the firmware version, and press the **Enter** key to display the Update Firmware screen (Fig. 4).



Fig. 3 MT9083 About Screen

Step 4: Reading firmware update file

The default folder is Internal Memory. If this folder is USB Memory, press  Key to change to internal memory containing the update file

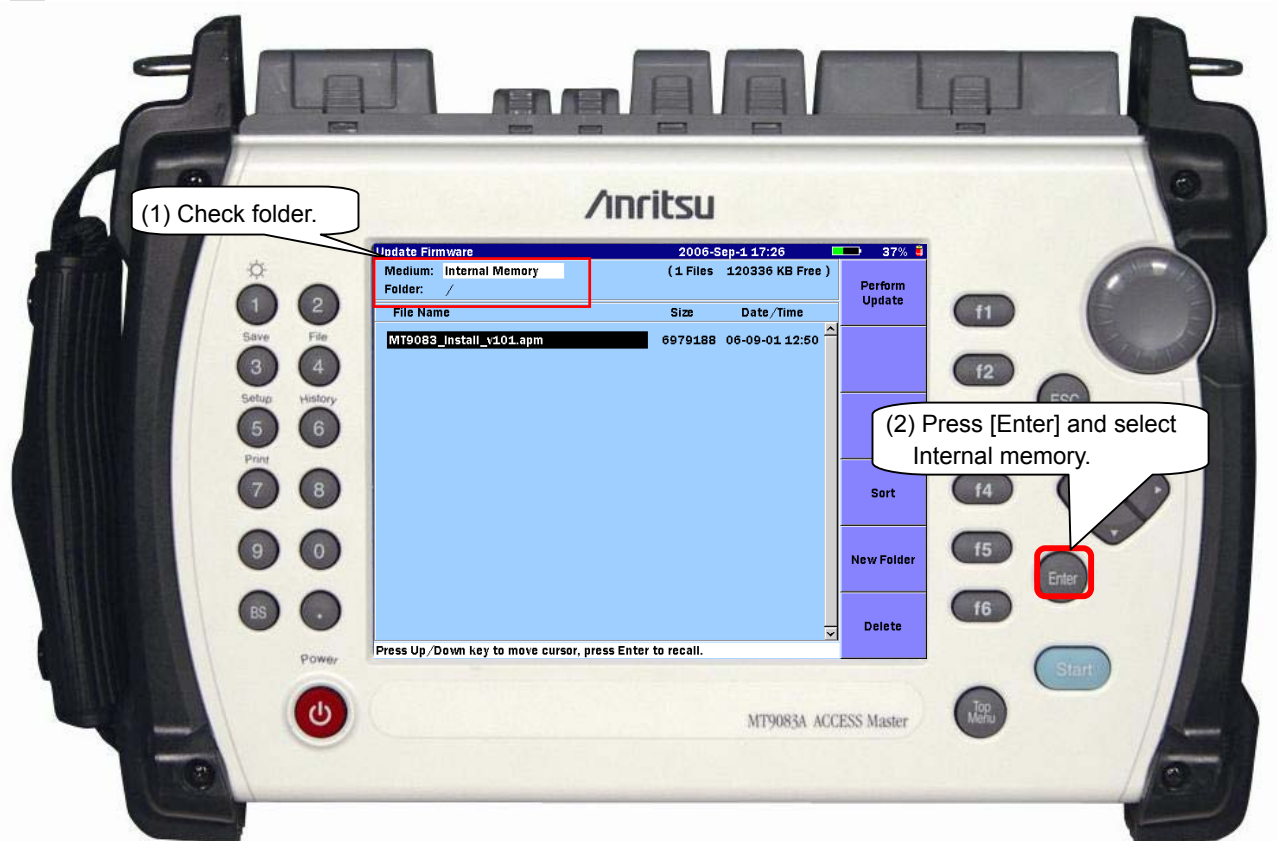


Fig. 4 Firmware Update Screen 1

At the Firmware Update Screen 2 (Fig. 5), check that the folder has changed to [Internal Memory]. If the firmware update file (MT9083_Install_vxxx.apm) is in a different folder, select that correct folder. Then use **f1** the Up/Down button to navigate to the firmware update file and press the key to read the file.

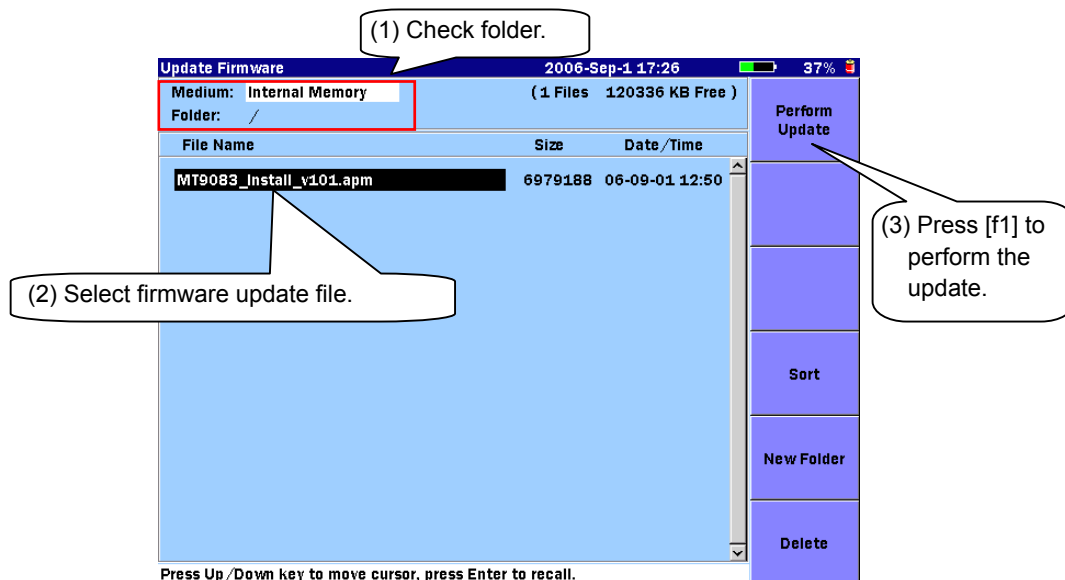


Fig. 5 Firmware Update Screen 2

Step 5: Updating firmware

When Step 4 is executed, the Firmware Update Confirmation Screen (Fig. 6) is displayed. This screen displays the versions of the current firmware and the new update firmware.

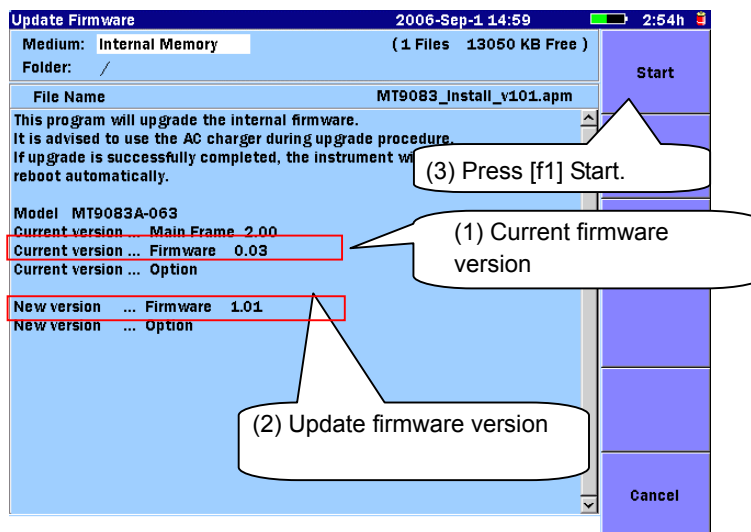


Fig. 6 Firmware Update Confirmation Screen

To start the firmware update, press **f1** (Start); to cancel it, press **f6** (Cancel). When the firmware update completes successfully, the ACCESS Master restarts automatically. If the firmware update is cancelled by pressing **f6**, the screen returns to the Top Menu Screen (Fig. 1).

If the firmware update stalls midway, perform the following:

1. If the firmware update file is damaged, the following screen (Fig. 7) is displayed. In this case, press **f6** (Stop) to stop the update and then start over again from Step 1.

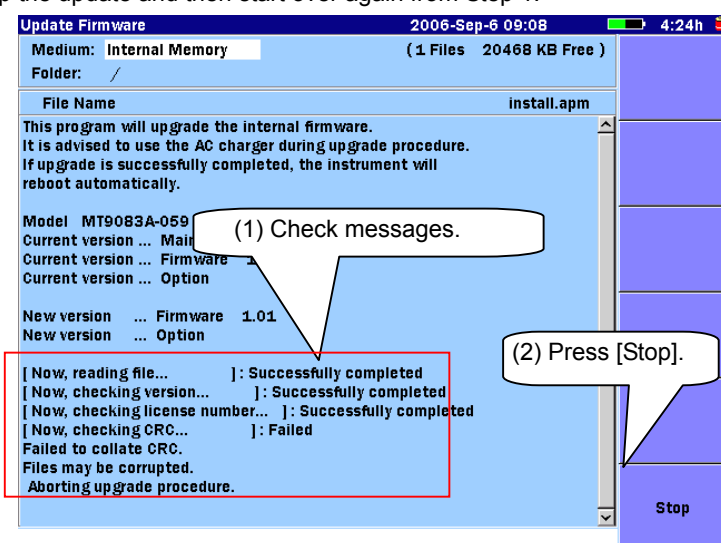


Fig. 7 Firmware Update Stop Screen

2. If the screen shown in Fig. 7 is not displayed, wait at least 5 minutes and if the ACCESS Master does not restart automatically, cut the power and restart from Step 2 above. (Press the ACCESS Master Power button for at least 10 seconds to forcibly shut down.)
 - (ア) If the firmware cannot be updated after the restart, cut the power and contact our sales representative immediately.
 - (イ) If the ACCESS Master will not restart, contact our sales representative immediately.

Step 7: Checking firmware updated correctly

After the ACCESS Master restarts in Step 5, run the Self Test in Step 3 and check the firmware versions.

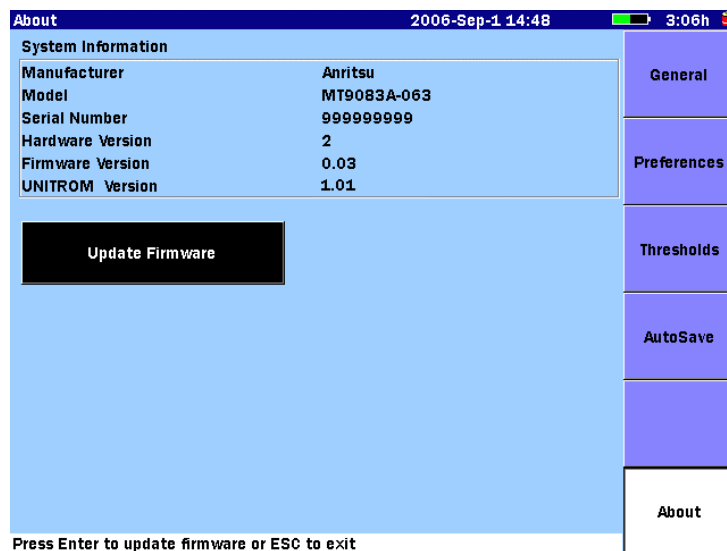


Fig. 9 Top Menu

This completes the firmware update.

Firmware Update Notes

- Download the newest firmware from the following URL.
The newest version of the firmware can be downloaded from the following URL.
➤ <https://www1.anritsu.co.jp/Download/MService/Login.asp>
However, site user registration is required first to obtain a Login ID and set a password.
- Anritsu has confirmed compatibility with USB memory from the makers listed in the following table. If your USB memory is not recognized by the MT9083, please purchase one of the supported media types.

Manufacturer	Model/capacity
Sony	POCKET BIT/32MB
Sony	POCKET BIT 512MB Turbo
GREEN HOUSE	PicoDrive/64 MB
TOSHIBA	TransMemory/256 MB
TOSHIBA	TransMemory/512 MB
ADTEC	DATASTICK/64 MB
Princeton	X i a o Jr./64 MB
BUFFALO	RUF2 - E1G - B/512MB
I-O DATA	ToteBag/512MB
Scan Disk	Cruzer Micro with Skins USB Flash Drive/256MB
imation	Flash Drive Mini with swivel cap/256MB
Transcend	JetFlash / 256MB
Sony	POCKET BIT/8GB USM8GJ-B
I-O DATA	ToteBag/4GB TB-AT4G/B
BUFFALO	RUF2-J4GS-BK

- NEVER remove the USB memory inserted into the MT9083 while updating, otherwise the firmware update will fail, leaving the MT9083 unable to restart.
- When updating the firmware, do not press any key on the MT9083, otherwise the firmware update may fail, leaving the MT9083 unable to restart.
- When updating the firmware, do not turn off the power to the MT9083, otherwise the firmware update will fail, leaving the MT9083 unable to restart.
- When updating the firmware, do not remove the AC adapter plug from the MT9083, otherwise the firmware update may fail, leaving the MT9083 unable to restart.
- If the firmware update fails and the MT9083 cannot restart, please contact our Anritsu sales representative.