

How to upgrade software

A. By DMT Link(When the Main software of DSR runs steadily)

1. Connect COM port (COM1 or COM2) of a PC and the DSR to be upgraded through RS232 cable.
2. Power on the DSR.
3. Run the DMTLINK2.EXE program in the PC and press "Setup Comm" button to select COM port (COM1 or COM2).
At this time, "Connecting....." message will be displayed on the screen and "Connecting....." message will be disappeared when the connection is completed.
4. If the "Connecting....." message is not disappeared, the connection is not completed. Check if the COM port is connected properly or not. Power off and power on the DSR again and go through the above No.3 steps again.
5. Press the "Upgrade Software" button in the DMTLINK2.EXE program and open the ROM.BIN (New software) file. Then, the DSR and PC will be connected again and the DSR will be automatically upgraded after the "Connection complete....." message.
6. When the upgrade is normally processing, "d.000" → "d.100" → "- - - -" → "F000" → "F100" → "Good" will be displayed step by step.
7. Upgrade is successfully completed when "Good" is displayed on the front panel.

B. By DMT Link(When Boot Loader of DSR runs steadily and Main Software do not.)

1. Connect COM port (COM1 or COM2) of a PC and the DSR to be upgraded through RS232C cable.
2. Turn off AC-Power of DSR.

3. Run the DMTLINK2.EXE program in the PC and press "Setup Comm" button to select COM port (COM1 or COM2). At this time, "Connecting....." message will be displayed on the screen and "Connection error" message will be displayed right away. Then disregard this message and press "OK" button.
4. Press the "Upgrade Software" button in the DMTLINK2.EXE program and open the ROM.BIN (New software) file. When "Connecting....." message will be displayed, turn on AC-Power of DSR. Then, the DSR and PC will be connected and the DSR will be automatically upgraded after the "Connection complete....." message.
5. If the "Connecting....." message is not disappeared, the connection is not completed. Check if the COM port is connected properly or not. AC-Power off the DSR again and go through the above No.3 steps again.
6. When the upgrade is normally processing, "d.000" → "d.100" → "- - -" → "F000" → "F100" → "Good" will be displayed step by step.
7. Upgrade is successfully completed when "Good" is displayed on the front panel.

C. DSR to DSR

1. DSR to DSR upgrading method will shorten the time for upgrade.
2. Connect both DSR by RS232 cable.
3. Boot the master DSR first by power on.
4. Power on the slave DSR (to be upgraded).
5. When the "d.000" is displayed on the front panel of the slave DSR, the connection is successful. From this time on, software from master DSR is being transferred to slave DSR automatically.
"Good" message will be displayed on the front when the data transfer is successfully completed.
6. Suppose the "d.000" is not displayed on the slave DSR and only "boot" is displayed, please power on and off the slave DSR repeatedly until the "d.000" will be displayed on the slave DSR.

7. Please neglect some error messages like "Err.8", etc. This is the process of readjusting the transfer speed.
Anyhow, when you have "Good" message on the front panel of the slave DSR finally, the upgrade is successfully completed.
8. DSR to DSR upgrading method enables you to upgrade many DSRs at one time. Please save time with this way.
9. Suppose you are doing the upgrade of 4 DSRs at one time, prepare all of the necessary accessories. Things you should not forget are the followings.
 - 1) No need to power off the 4 master DSRs.
 - 2) Replace 4 slave DSRs after upgrade.