

PRODUCT & TECHNICAL SUPPORT BULLETIN



B u s i n e s s P r o d u c t s G r o u p



DATE: 02/07/02
TO: All Minolta Digital Copier Dealers
FROM: Service Support
SUBJECT: ISW PROCEDURES FOR Di650
REF. NO.: 3483
Di650: 003
Supersedes Bulletin 3483 dated 01/25/02

IT IS NECESSARY TO FOLLOW THE STEPS OUTLINED BELOW. OMISSION OF ANY STEPS WILL RESULT IN THE INCOMPLETE UPDATE OF THE COPIER FLASH ROM.

COMPUTER HARDWARE SETUP

Set the parallel port of the PC to "normal" or "bi-directional". The port must not be set to "ECP" mode. Failure to set the port properly could result in an aborted download and/or a malfunctioning Di650. Setting of this mode is different in each computer model. See your computer's operation manual for instructions.

COMPUTER SOFTWARE INSTALLATION

1. Run the ISW setup program. (setup.exe)
2. Follow the on-screen prompts.
3. Selecting the default choices is recommended.

INITIAL SOFTWARE SETUP

1. To run the ISWTrns program select "Start Menu" then "Programs" then "ISWTrns".
2. The first time ISWTrns is run a window with "Default Data Folder is not selected." will be displayed. Click on "OK". The "Option" window then opens. Select "Make Folder". A window stating "Making default data folder is complete" pops up. Click on "OK". Click "OK" again. By clicking on "Make Folder" a subdirectory called "Di650" (with additional subdirectories) will be created under ISWTrns. This is where the data files will be copied.
3. The ISWTrns initial window opens.
4. Select "Option". Select "Option" again.
5. Select "Data Copy"
6. Select "Browse" to locate the data files then select the subdirectory that contains the files you want to install. Click "OK".
7. The selected folder will appear in the upper section of the "Original Files Field". The files that are stored in the selected subdirectory will appear in the lower section of the "Original Files Field".
8. Click on the "Copy All" button. Click "OK" twice. The files should then appear in the "Copied Files Window".
9. Repeat steps 6, 7 and 8 until all files are copied.
10. The "O/W" check box is for overwriting files already copied.
11. Click "Refresh". Then click "Cancel". Then click "OK".

UPDATING EXISTING DATA FILES

Execute steps 3 through 11 as listed above. The "O/W" check box is used to overwrite old versions with the new updated files.

OPERATION

When connecting or disconnecting the parallel cable please insure the PC as well as the Di650 are off.

1. On the Di650, connect the parallel cable to the copier and PC. Plug in the PC and copier. Boot the PC. Hold down the 2 and 5 keys on the copier control panel while turning on the copier. Release the 2 and 5 keys.
2. From the PC launch the ISWTrns application.
3. On the Di650, select item 9 (indication of ROM version) and record the version numbers. Make sure an update is required.
4. Select "Previous Screen".
5. Press the down arrow on the copier control panel then select item 11 (ISW).
6. in the ISWTrns application in the "Select Type" window make sure "Machine" is set to "Di650", "Country" is set to "USA" and "Divide" is set to "Original".
7. The "Board" field on the PC is set to match the setting on the copier's LCD screen. The correlation is as follows:

<i>Application Board Field</i>	<i>Di650</i>
I1/I5 (All)	Image Process Collective
I1	Image Process I1 through I5
C1/C5 (ALL)	Printer Collective C1/C5 ALL
C1 through O5	Printer C1 through C5
N	Finisher
VIF	Video I/F

8. Select the "Board" field you want to update. (If nothing appears in the "Version File" field there is no file loaded and no updating to be done.) Confirm update version in the "File Status" window indicates an update is necessary.
9. In the ISWTrns application select "File Check". Confirm file's checksum.
10. Set the Di650 control panel to correspond to the application's "Board" field.
11. The order in which you update the Di650 is CRITICAL. The correct order is:
 - a Image (I)
 - b Printer (C)
 - c Finisher (N)
 - d Video (V)
12. Press the start button on the Di650's control panel screen. "ISW Mode Conditioning" will appear in the upper left hand corner of the control panel screen.
13. In the application click "File Send". A ready to send file window appears. Click "OK".
14. "Now Transmitting" appears. The progress bar on the PC may not start moving for up to a minute. It may also appear to start and stop several times. Do not abort the process.
15. Continue following the prompts on the PC Di650 screen.

TROUBLESHOOTING**PROBLEMS WITH THE IMAGE FILE DOWNLOAD**

1. If a problem occurs while downloading the "Image" file the Di650 will display an error message. Regardless of the error message, the copier must be shut down. When power is reapplied the copier's LCD screen will be blank and the "Timer" light will be blinking. Even though the LCD is blank, start the "Image" program download. As soon as the program starts downloading the "Energy Saver" light will start blinking. This indicated the download has started. It may take up to 1 minute for the progress bar to start moving. Once the download is complete the copier will immediately and automatically show the normal LCD display. Do not abort the process.

PROBLEMS WITH ALL OTHER DOWNLOADS

1. If a problem occurs while downloading other files the Di650 will display an error message. Regardless of the error message, the copier must be shut down. Allow the PC to time out and display an error message. Click OK.
2. Restart the Di650 in the "25" mode. Attempt to download the file again.