Introduction

This guide describes the procedures and cautions when updating the XG14 software to latest firmware.

* Among the caution items, some of the items described will have a possibility of damaging the system. Therefore, be certain to read the items and carry out the version update using the correct procedures.

* Before carrying out the version update, you should make backup copies of all the model data.

Procedures

(1) Download the software.
(2) Create the [VERUP] folder in the [JR] folder on the SD card for use in the version updating operation, and copy the version update software to the SD card.
(3) Insert the SD card in the transmitter, and start the update process.

* Before carrying out the update, you should make backup copies of all model data.

Cautions when carrying out the Update (1)

[Caution!] Commercially available SD cards may not operate properly.

[Important!] When carrying out the Update, please confirm that the transmitter battery has been adequately charged. If the battery voltage is low, “Low battery error!” will be displayed on the LCD screen. It will not be possible to carry out the software update until the transmitter battery has been charged.

Low Battery Error Display Screen

[Prohibited!] Do not remove the battery while carrying out the software update under any circumstances. If the battery is removed, there will be a possibility of damaging the system or causing unexpected problems.

[Important!] In the unlikely event that the transmitter does not start up after carrying out the update, or if there are problems such as a strange display, please contact your local dealer or JR distributor in your country.
Cautions when carrying out the Update (2)

Kindly note in advance that we highly recommend to save your model data before making a software update as data may be lost during the procedure. “JUST IN CASE”

Be sure to store your model data into SD card by using the Model Copy and Erase function explained on XG14 instruction manual page 65
* The SD card data will not be initialized.
* The XG14 does not have a model data batch transfer function. Accordingly, please note that it will be necessary to carry out the transfer of each model in turn.

Software Update Procedure (1)

In this section, explanations are given for each step of the software update procedure.

**STEP 1** Store the update data on the SD card.

The information on the right describes the folders and files required.

<table>
<thead>
<tr>
<th>[VERUP] Folder for the software update</th>
</tr>
</thead>
<tbody>
<tr>
<td>[JRVERUP.JRD] Software inside the folder described above</td>
</tr>
</tbody>
</table>

(Screen/ OS : Windows 7)

Confirm that the [VERUP] folder is included in the data that has been downloaded.

Software inside the folder described above

**STEP 2** Store the whole [VERUP] folder containing the update data in the [JR] folder on the SD card.

Create the [JR] folder on the SD card.
* If model data from the transmitter has been previously stored on the SD card, the [JR] folder will have been automatically created already.

Software Update folder

Model Data Folder

* Screen capture image of the inside of the [JR] folder on the SD card.

Once the data has been saved on the SD card, the subsequent procedures are carried out by operating the transmitter.

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Software Updating Procedure (2)

Next, an explanation is given of the software update procedure using the transmitter.

**STEP 3** Insert the SD card into the transmitter.

Insert the SD card with the previously stored update software into the transmitter. The SD card slot is incorporated inside the top face of the battery housing.

- When inserting the SD card, take care of the card orientation.
- Fully insert the SD card into the card slot.
- Be sure to make model data back up before proceeding for version update...

**STEP 4** Start the software updating.

(1) After inserting the SD card, switch on the transmitter while holding down the Function Key.

  * Ensure the transmitter battery has been fully charged before carrying out the update.

(2) The current software (Upper level) and the software that will replace it (lower level) will be displayed on the LCD screen. Press the [UPDATE] key to display the screen shown in (3).

(3) When the screen shown to the left is displayed, switch off the transmitter to start the update process.

(4) This screen will be displayed during the software update process, after switching off the transmitter power. The update will be completed in approximately 45 seconds. When the update has been completed, the power will automatically switch off.

  * Even if an error occurs, the transmitter will automatically power off.
Lastly, confirm that the software update has been successful.

**STEP 5** Confirm the software update by following this procedure.

Confirm the software version using [TX SETTING] in the System List.

The software version can be confirmed in the [TX SETTING] menu. Confirm that the software version has been changed to this updated version.

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**The above completes the software update operation.**

Use the “Model Copy Function” to copy the model data stored on the SD card back into the transmitter internal memory, ready for use.

[Cautions when copying model data stored on the SD card back into the transmitter internal memory]

- You cannot copy model data from the SD card onto a model currently being used.

Ex.: In the situation where you wish to copy the model data stored on the SD card into MODEL-1, it will only be possible to copy the data when the transmitter model is set to a model other than MODEL-1.

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For further question or inquiries please contact your local dealer or JR distributor in your country.