0.0.1. Before updating the Firmware
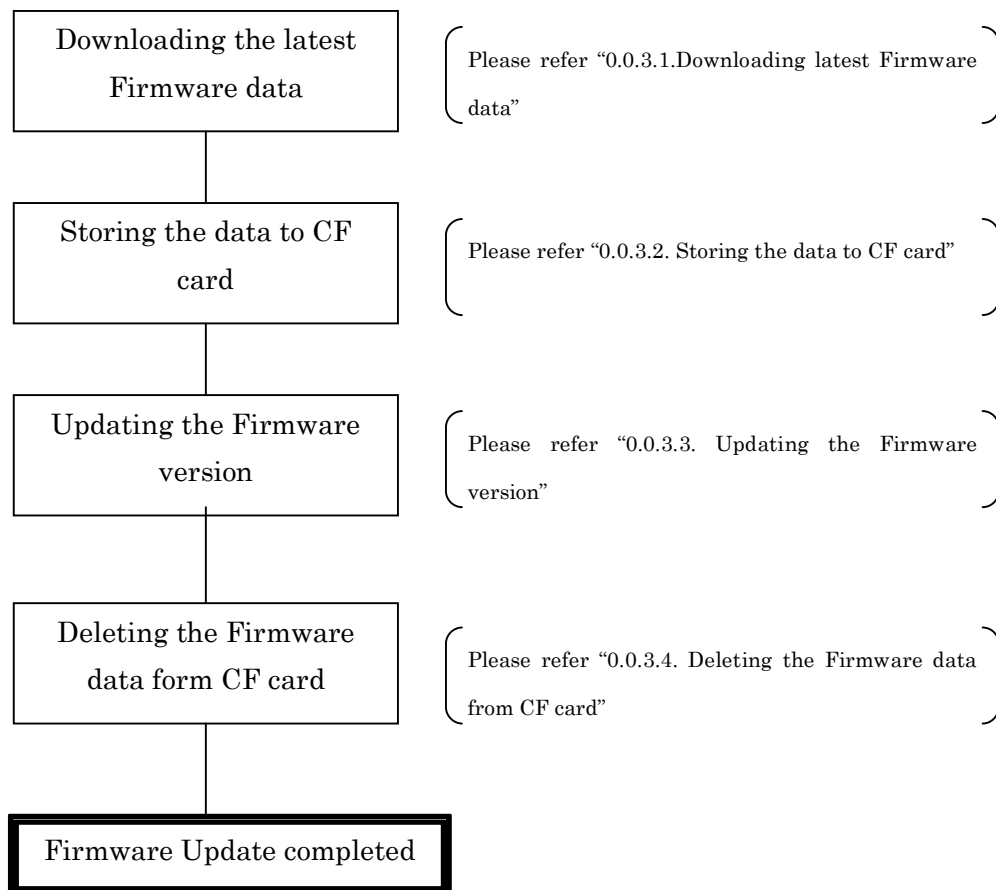
■Please prepare following things before update
  ・VG-870/871
  ・Compact Flash(CF) card
    *It will be better to prepare new CF card which is not storing the program data.
  ・PC which is connected to Internet.

0.0.2. Outline of the Firmware update

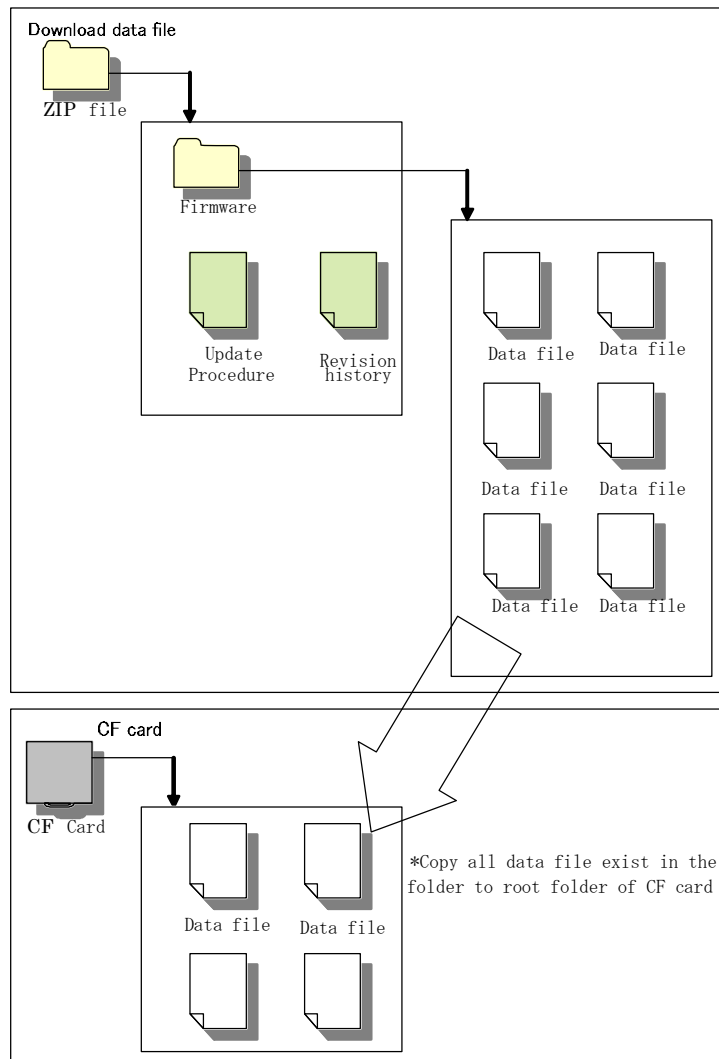The flow chart below is the outline of the Firmware update.

Downloading the latest Firmware data	Please refer "0.0.3.1.Downloading latest Firmware data"
Storing the data to CF card	Please refer "0.0.3.2. Storing the data to CF card"
Updating the Firmware version	Please refer "0.0.3.3. Updating the Firmware version"
Deleting the Firmware data form CF card	Please refer "0.0.3.4. Deleting the Firmware data from CF card"
Firmware Update completed	

0.0.3. Firmware update procedure

0.0.3.1. Downloading the latest Firmware data

（1）Please open our web site（http://www.astrodesign.co.jp/ ）and press "Member" button and go to

"Member page" and log in as member. After log in as member, click "It downloads variously" and Click

"V" and find VG-870/871 firmware and download it.

＊You need to register member information (Free) for member login.

0.0.3.2. Storing the date to CF card

(1) Insert the CE card to PC
(2) Uncompress the firmware data file
    The file is compressed as ZIP format. Please use the software which can
    uncompress the ZIP file.
(3) Open file "Firmware" and copy all data files to root folder of CF card.

0.0.3.3. Updating the Firmware version

    （1）Turn off the power of VG-870/871

    （2）Insert the CF card containing the firmware data to VG-870/871

    （3）Turn on VG-870/871 by pressing ESC key on the front panel or RB-1870/.
       （Please hold the key until firmware update starts）
          *For VG-871, if RB-1870 is not connected, Firmware update will start automatically when VG is Turn ON. If Firmware update do not start automatically, please use RB-1870 or contact Astro design or agent in your area.

    （4）When VG-870/871 shows「completed. Please reboot!!」update is completed

> FPGA / Firmware Version up
> completed. Please reboot!!

    （5）Turn off the power of VG-870/871

    （6）Remove the CF card from VG-870/871

0.0.3.4. Deleting the Firmware data form CF card

    （1）Delete the file of the Firmware from the CF card