

Leader

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Ver. 2

LV5600W WAVEFORM MONITOR

LV7600W RASTERIZER

Installation Manual

Firmware Update Procedure

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1 INTRODUCTION

This installation manual describes the procedure for updating the LV5600W / LV7600W firmware. Read the terms of use as stated on Leader's website, and this manual before downloading the firmware.

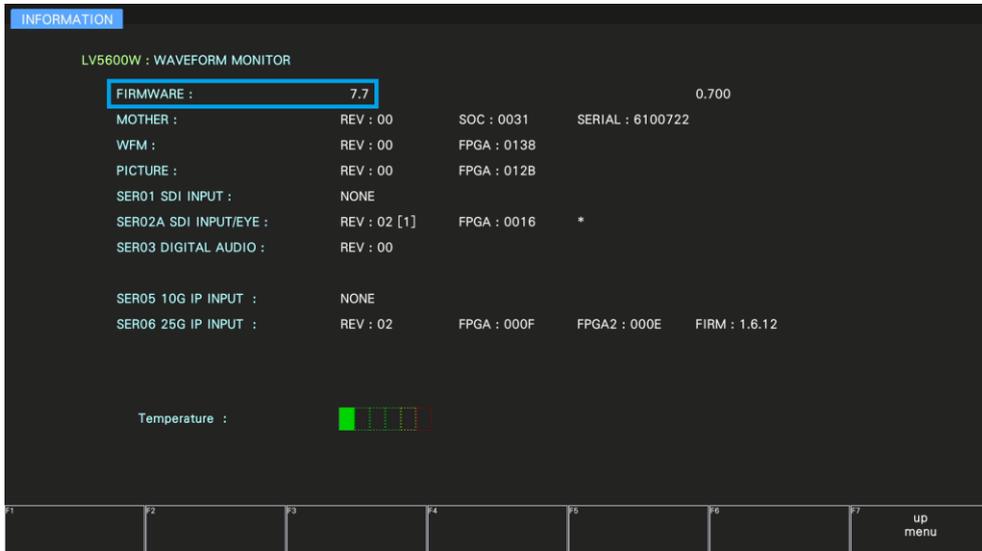
2 PREPARATION

2.1 Confirming Version

Confirm the firmware version of the LV5600W / LV7600W mainframe before updating the firmware. When the version of the mainframe is the same as the version being distributed, no updating is required.

The LV5600W / LV7600W version can be checked under "FIRMWARE" in the INFORMATION tab or in the bottom left of the startup screen.

INFORMATION tab | [SYS] > [F3] SYSTEM INFO



Startup screen



2.2 Equipment Required

Procure the following equipment on your side.

Equipment required	Quantity	Note
LV5600W or LV7600W	1	Mainframe
USB memory	1	≥ 1 GB, FAT32
PC	1	USB connector provided
LAN cable	1 or 2	CAT 5e or later

2.3 Backup

When you update the firmware, the current settings will be initialized. If you want to use them after updating the firmware, save them to the instruments preset.

For details of the preset see "Instruction Manual for LV5600W / LV7600W".

2.4 Downloading Firmware

Apply the procedure below when downloading the firmware.

1 Download the firmware from Leader's website.

Website

[For LV5600W] <https://www.leader.co.jp/en/support/download/lv5600w/>

[For LV7600W] <https://www.leader.co.jp/en/support/download/lv7600w/>

The downloaded firmware is compressed in ZIP format as follows:

[For LV5600W]  leader_lv5600w_YYYYMMDDhhmmss.zip

[For LV7600W]  leader_lv7600w_YYYYMMDDhhmmss.zip

2 Unzip the firmware.

After unzipping the above ZIP file, an update file in ZIP format will appear. Unzip this file further. The name of the unzipped folder is as follows:

 LV5600W_7600W_UPDATE

3 Copy the firmware to the USB memory.

Copy the above folder to the top level of the USB memory.

 USB memory

└  LV5600W_7600W_UPDATE

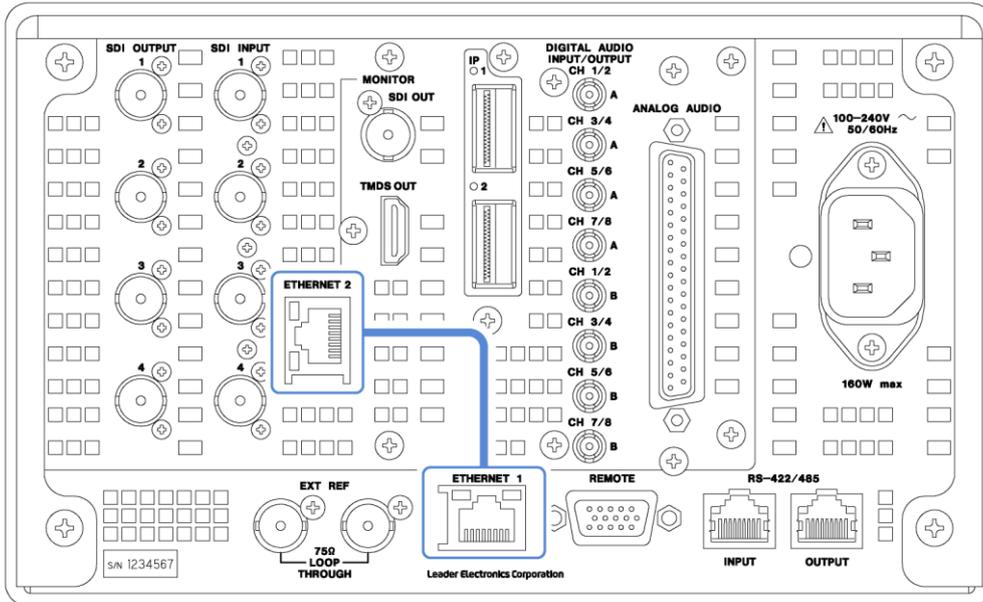
2.5 Connecting the LAN Cable

To update the firmware, the ETHERNET 1 and ETHERNET 2 ports on the rear panel must be connected to the network.

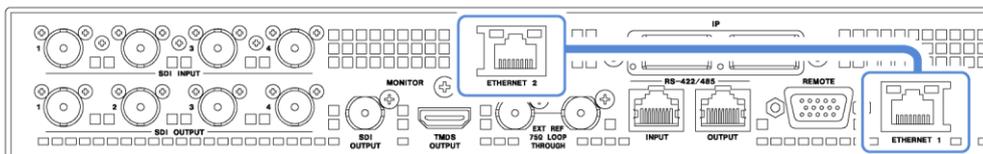
If ETHERNET 1 and ETHERNET 2 are connected to network devices in operation, update them as they are.

If ETHERNET 1 and ETHERNET 2 are not connected to the network, connect them to network devices, or connect ETHERNET 1 and ETHERNET 2 with a LAN cable.

LV5600W



LV7600W

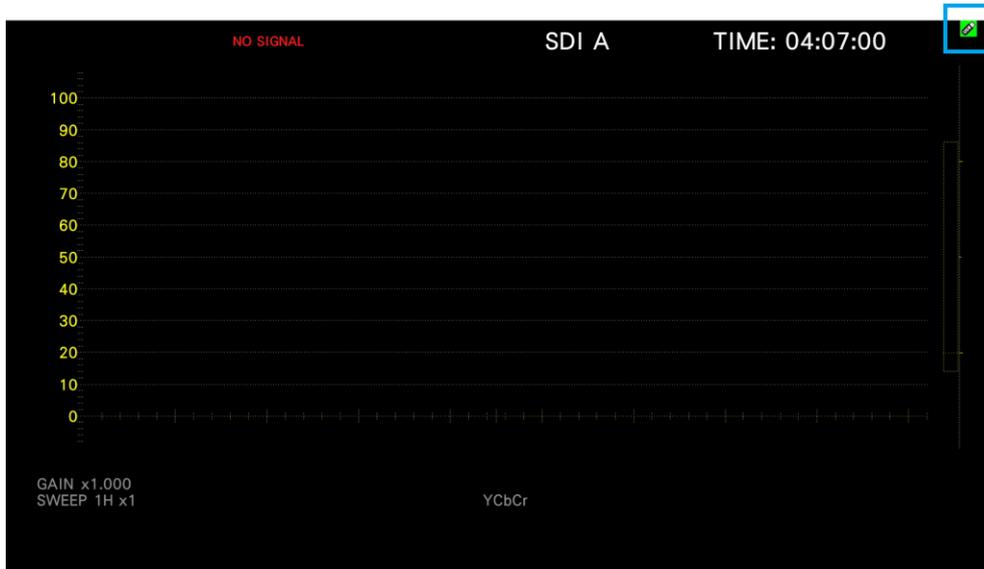


3 UPDATE

Apply the procedure below when updating the firmware.

- 1 Turn on the LV5600W / LV7600W.
- 2 Connect the USB memory containing the firmware to the USB connector of the LV5600W / LV7600W.

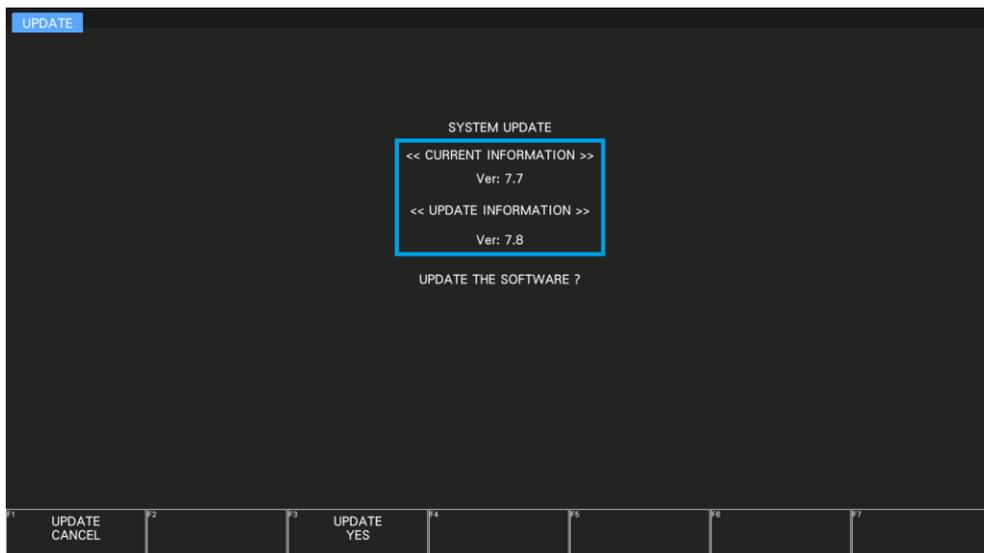
Confirm that the USB icon appears in the top right of the screen.



- 3 Press [SYS] > [F7] INITIALIZE > [F7] FIRMWARE UPDATE.

The update screen will appear.

Confirm that the CURRENT INFORMATION and UPDATE INFORMATION are correct.

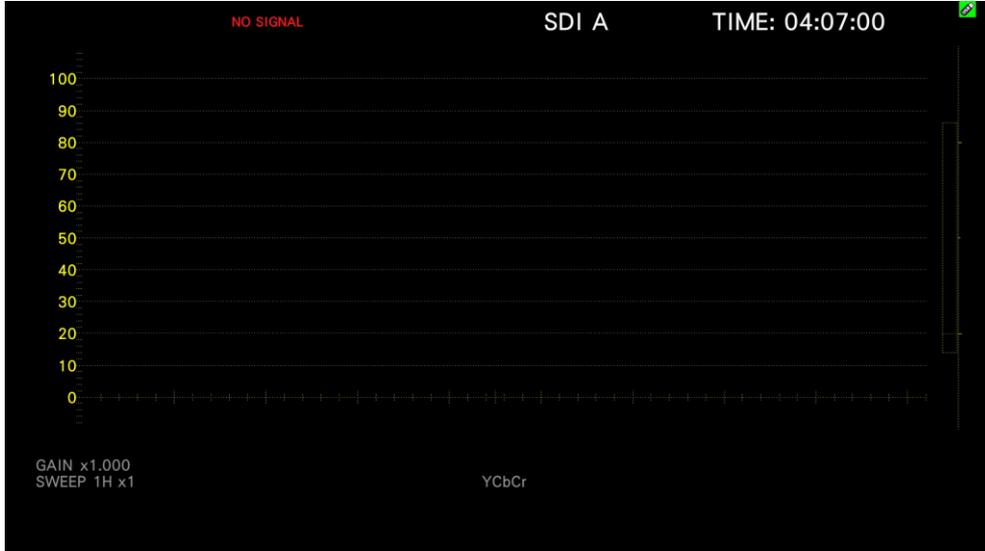


4 Press [F3] UPDATE YES.

Press [F3] UPDATE YES to start the update.

The update will take approximately 20 minutes. Do not remove the USB memory or turn off the power during this time.

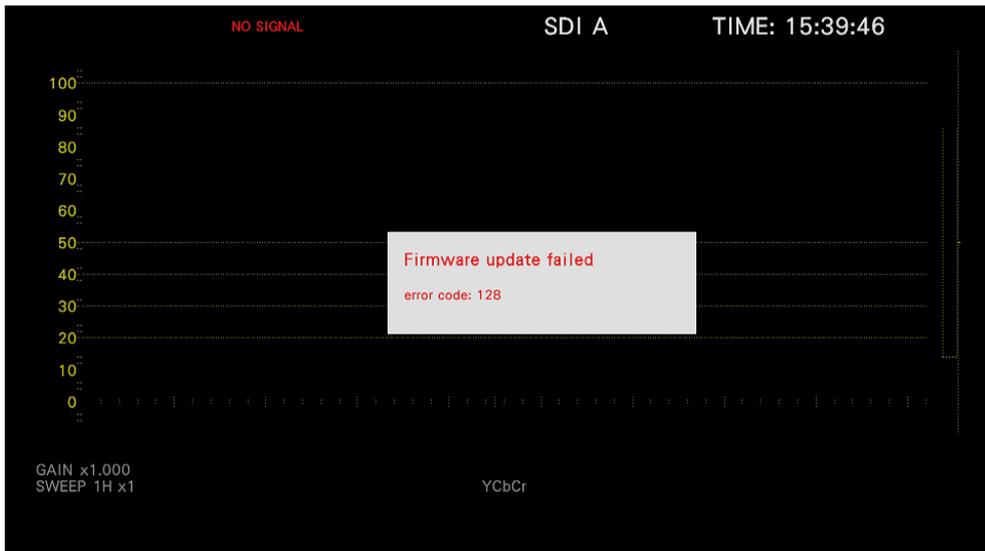
The update is complete when the measurement screen appears.



If the message "Firmware update failed" is displayed, the update has failed.

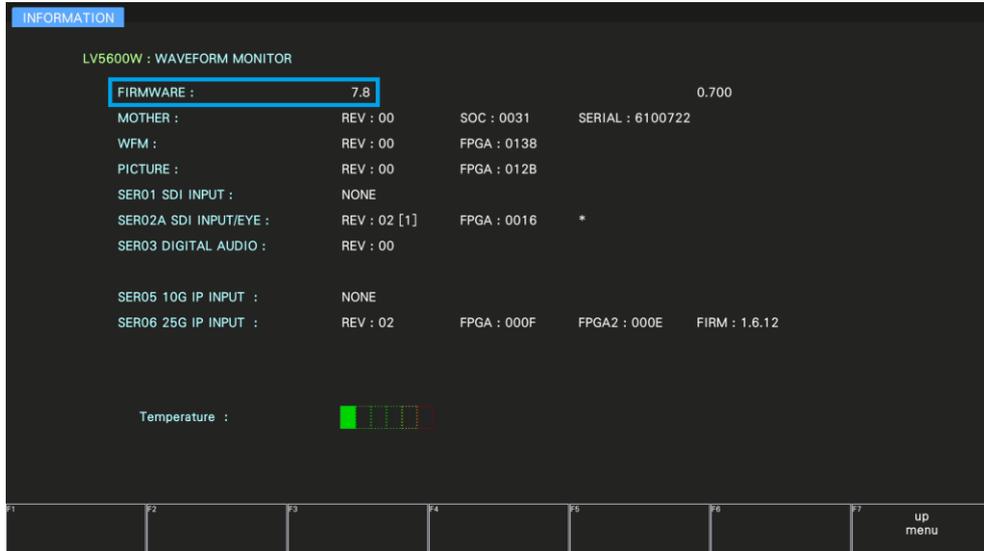
In this case, check the error code and follow the instructions in the table below.

error code	Description	Instruction
1	IP address error	Check the IP address setting.
7	Ethernet connection error	Check the LAN cable connection and IP address setting.
128		
Other than above	-	Contact us.



5 Confirm that the firmware version of the LV5600W / 7600W is correct.

Confirm that "FIRMWARE" in [SYS] > [F3] SYSTEM INFO is the updated version.



6 Remove the USB memory from the USB connector.