JVC

D-ILA Projector

Color Profile Import Procedure

The import function of the "JVC Projector Calibration Software" allows you to save color profiles to the Custom settings of the projector unit.

* If only the import function is to be used, an optional sensor is not required.

After importing the color profiles according to the procedures below, select the saved color profile from the menu of the projector.

Required Equipment

- **D-ILA Projectors**
  Models supported:
  DLA-X750R series: DLA-X750R, DLA-X950R, DLA-X7000, DLA-X9000, DLA-XC7890R, DLA-RS500, DLA-RS600
  DLA-X550R series: DLA-X550R, DLA-X5000, DLA-XC5890R, DLA-XC6890R, DLA-RS400

- **JVC Projector Calibration Software**

- **PC (Computer)**

- **LAN Cable**

System Requirement

Refer to the download page or the instruction manual of the "JVC Projector Calibration Software" for details on the system requirements for this software.

Import Procedure for Color Profile

1 Download the software and place it on the desktop

2 Install the software (P. 2)

3 Set up the projector and PC (P. 3)

4 Start up and set up the software (P. 5)

5 Perform the import (P. 6)

6 Exit the software (P. 7)

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Installing the Software

■ Pre-installation Check

♦ Before starting the installation, ensure that no program is running.
♦ Set the PC to the administrator mode, and disable the screen mode and energy-saving mode of the PC.

■ Installing the Software

Double-click the download file "JVC_PJ_Calibration6_en_v***.zip" to start installation. Download the file to a directory, and unzip the file.
The following file is created.

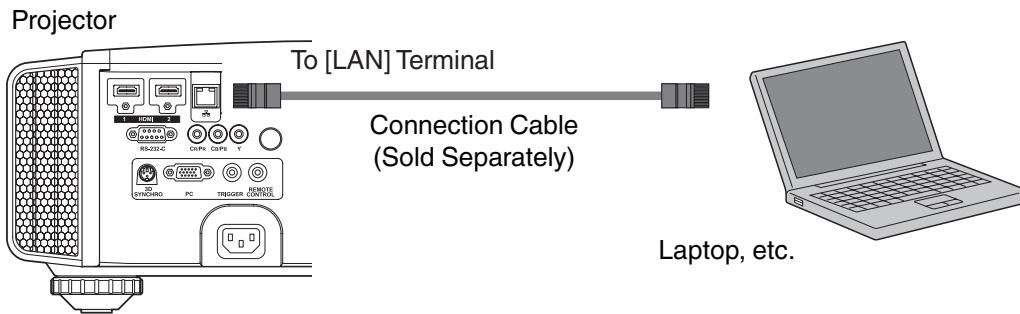● **"JVC_PJ_Calibration6_v***.msi"**
Double-click "JVC_PJ_Calibration6_v***.msi" to start installation.

1 "Welcome to the Projector Calibration Software Setup Wizard" window appears. Click the [Next] button.

2 "Select installation Folder" window appears. You can proceed to the next step with the destination unchanged, or designate a folder if necessary.

3 "Confirm installation" window appears. Click the [Next] button.

4 After installation is complete, an "Installation complete" window appears. Click the [Close] button to exit the wizard. Check to ensure that short-cut icons are automatically created both in the Start menu and on the Desktop.

Setting Up the Projector and PC

■ Connecting the Projector to a PC Directly

Projector

To [LAN] Terminal

Connection Cable
(Sold Separately)

Laptop, etc.

Connect the projector to a PC via LAN cable.

Set the TCP/IP for the PC and "Network" of the projector.

● **Network Settings of the Projector**

Open the "Network" item under the "Function" tab in the menu.
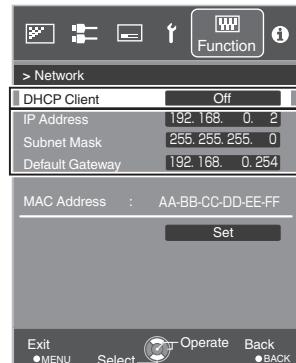Set "DHCP Client" to "Off".
Set the "IP Address" of the projector to an address different from that of the
PC.

Example: PC   [192 168 0 1]
        Projector   [192 168 0 2]

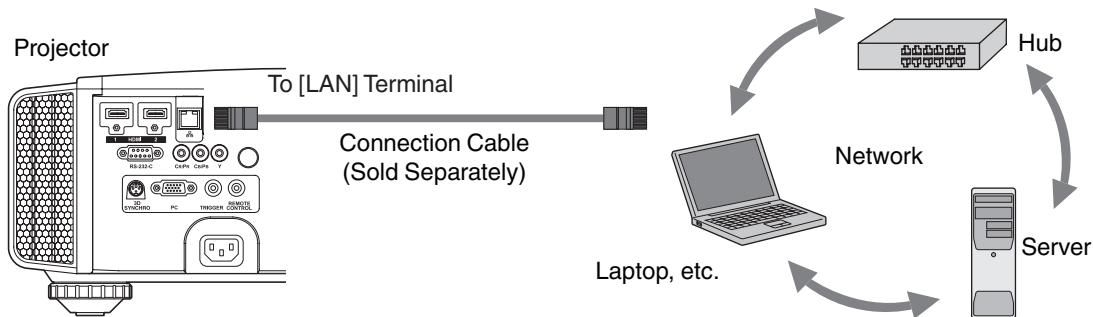Set "Subnet Mask" and "Default Gateway" of this unit to the same values as
the PC.

Example: Subnet Mask   [255 255 255 0]
        Default Gateway [192 168 0 254]

After pressing "Set", press OK to apply new settings.

> Network	
DHCP Client	Off
IP Address	192. 168. 0. 2
Subnet Mask	255. 255. 255. 0
Default Gateway	192. 168. 0. 254
MAC Address :	AA-BB-CC-DD-EE-FF
	Set

Exit ●MENU   Select   Operate   Back ●BACK

*   For details on the PC settings, refer to the instruction manual of the PC. Procedures for setting up Windows 7 are described in P. 8.

*   If the DHCP server is running on the PC that is directly connected to the projector, set "DHCP Client" to "Off", and then press "Set".

■ Connecting the Projector to a Network

Projector

To [LAN] Terminal

Connection Cable
(Sold Separately)

Hub

Network

Server

Laptop, etc.

Connect the projector to a network connection device (hub, etc.) via LAN cable.

Open the "Network" item under the "Function" tab in the menu.
If you want to use the DHCP server, set "DHCP Client" to "On", and then press
"Set". Acquisition of the IP address starts automatically.
If the IP address is designated by the network administrator, set "IP Address",
"Subnet Mask", and "Default Gateway" to the designated values.
After pressing "Set", press OK to apply new settings.

* For details on the PC settings, refer to the instruction manual of the PC.
  Procedures for setting up Windows 7 are described in P. 8.

* For more details on the network, it is recommended that you refer to network-
  related books.

* Settings may vary depending on the network device and control procedure for
  the network to be connected.

* For details on the IP address and other settings, including whether the use of a
  DHCP server is allowed, consult your network administrator.

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Starting Up and Setting Up the JVC Projector Calibration Software

Double-click the "JVC Projector Calibration Software" icon on the Desktop.

Double-Click

● Setting
Use this feature to specify the various settings.

1 Click the "Setting" button.

2 Perform settings for the following items.

Network

IP address	Enter the IP address for the projector on the network. To check the IP address of the projector, refer to the "Setting Up the Projector and PC" section. After entering the IP address, click the [Check] button to check the connection between the projector and the PC.
Port No.	Leave the value unchanged unless you need to alter it.

Display

Language	Select a language.
Message	Deselect this checkbox if you do not want to display descriptions on how to operate the different features.

3 Be sure to click the "OK" button at the bottom right to save the IP address setting before proceeding to the next step.

D-ILA

Projector Calibration Software ver1.00

Click

EXIT

Setting

Network
IP address 192 168 0 2   CHECK Connect OK
Port No. 20554

Function
Calibration Type Gamma + Color Gamma Color Log only
Gamma Step Normal
Screen Size 100.0 inch
Viewing Distance 3.74 m

Display
Language English
Message

Backup (Calibration data)
File Path
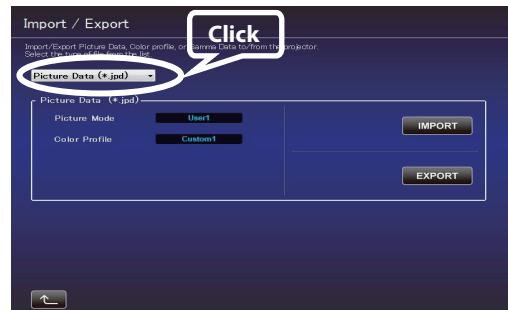Serial No. 12345678

Import backup file (*.cbd)

IMPORT

OK

5

Performing the Color Profile Import

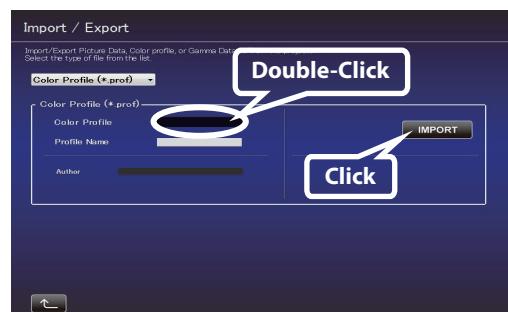Perform the following procedures while the video signal (4K, 1080 or 720) is being input to the projector.
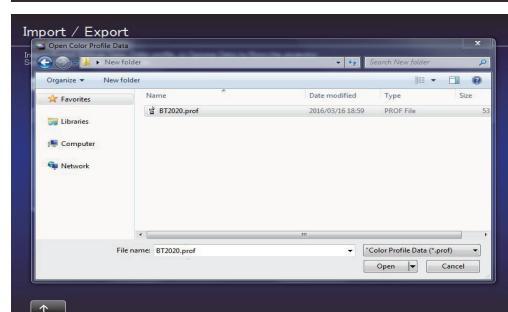
1   Click the "Import/Export" button.

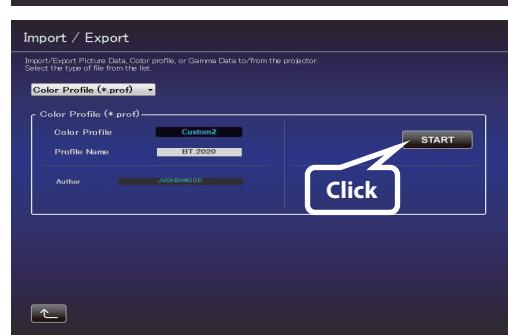*2*   Click the pull-down menu, and select "Color Profile (*.prof)".

3   Double-click the Color Profile (Custom 1 to 6), and select from the pull-down menu the Color Profile (Custom 1 to 6) to be imported.

4   Click the "IMPORT" button.

5   Select the color profile data file (***.prof) to be imported from the location where it is stored.

6   Click the "START" button.

    To exit, click   ⬑   (to return to the top menu).

*   To apply the imported Color Profile data, it is necessary to restart the projector. Exit this software and restart the projector.

Exiting the Software

1 Return to the top menu, and click the "EXIT" button.

■ When the following messages are displayed

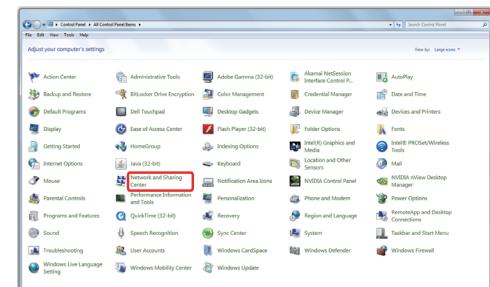If an error message appears, operate in accordance to the instructions given for the message.

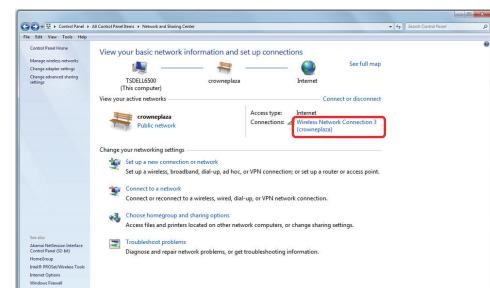| Message	Solution (Details)
Error in detecting the model.	Go back to the previous screen and check the input signal. After that, proceed to the error message screen. * This software can only be used on compatible models.
Could not set up the LAN connection. Please try again.	Proceed to the setting screen from the top menu and click the "CHECK" button under "Network" to check the LAN connection. If "NG" is displayed, perform the LAN setting again.

Setting Up the Network (for Windows 7)

1   Click the "Start" button on the lower left corner of the Desktop, and select "Control Panel".
If the screen on the right is displayed, select "Small Icon (S)" from "View by:". => Proceed to 2).
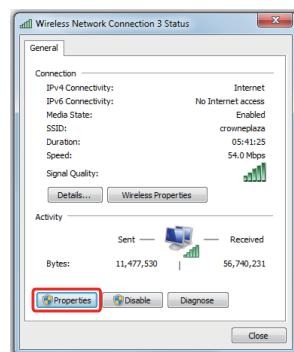
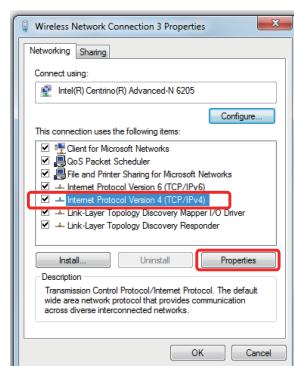**2**   Select "Network and Sharing Center" when the screen on the right is displayed.

3   Select "Local Area Network". (Or, select "Wireless Network Connection" if the connection is made by the wireless LAN.)
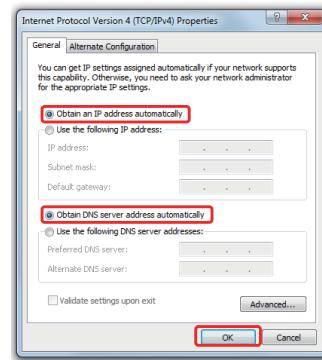
4   Select "Properties".

5   After choosing "Internet Protocol Version 4 (TCP/Ipv4)", select "Properties".

8

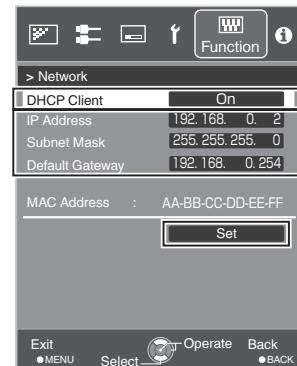**6** Proceed to 7) in the case of LAN connection via router.
Proceed to 12) if the projector and PC are connected directly by
LAN cable.

7 Check the boxes for "Obtain an IP address automatically" and
"Obtain DNS server address automatically".
=> Click "OK", and then close all the windows by clicking the "x"
button.

8 Turn on the power of the projector.

Select "MENU" => "Function" => "Network", and proceed to 14).

9 Set "DHCP Client" to "On"
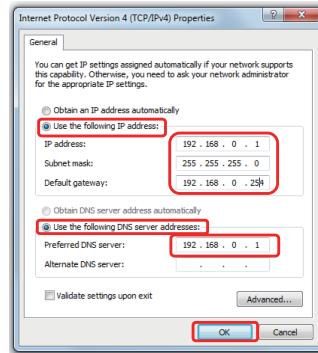After choosing "SET", select "YES" in "Apply network setting?".

10 Write down the value for "IP Address" (192 168 0 2 in the
example) after returning to the screen in 9).

11 Start the "JVC Projector Calibration Software" on your PC, and
select "Setting" on the right side of the screen.
Enter the value from 10) in the "IP address" field on the screen on
the right.
Click "CHECK". If "OK" appears on the right of the button,
complete the setting by clicking the "OK" button at the bottom
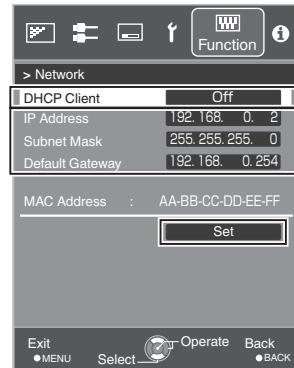right corner.

12 Check "Use the following IP address:". Enter the values shown on the right in the "IP address", "Subnet Mask" and "Default Gateway" fields. Check "Use the following DNS server addresses:" to enter the value shown on the right in the "Preferred DNS server:" field.
=> Click "OK", and then close all the windows by clicking the "x" button.

13 Turn on the projector.

Select "MENU" => "Function" => "Network", and proceed to 14).

14 Set "DHCP Client" to "Off".
Enter the values shown on the right in the "IP Address", "Subnet Mask" and "Default Gateway" fields.
After choosing "SET", select "YES" in "Apply network setting?".

15 Start the "JVC Projector Calibration Software" on your PC, and select "Setting" on the right side of the screen.
Enter the value in the "IP address" field on the screen on the right. Click "CHECK". If "OK" appears on the right of the button, complete the setting by clicking the "OK" button at the bottom right corner.

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