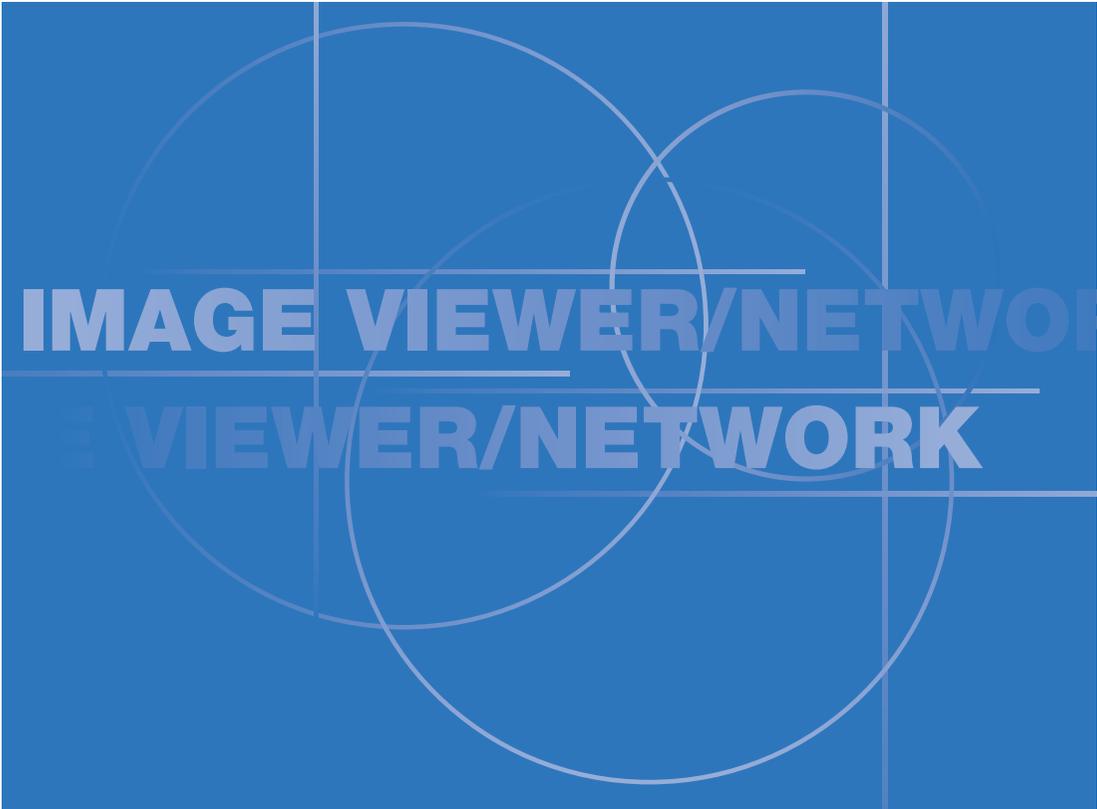


U7-137SF User's Manual

Image Viewer / Network



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INTRODUCTION

This manual contains detailed information on Data Projector U7-137SF's Image Viewer / Network capabilities. Refer to the User's Manual [Projector] for information about other features and functions of other projector.

This manual includes the descriptions of:

Image Viewer

The Image Viewer application incorporated in your projector allows you to make stand-alone presentations without a PC by using a CompactFlash memory card ("CF memory card" or "CF card") and USB memory that contains presentation data (slides) prepared on a PC.

Network

The Network application incorporated in your projector has the following two facilities:

● Network Presentation

The Presentation transfers screen displays of the document currently open on a PC to your projector 'as is' through a LAN and projects them on the spot. You can make stand-alone presentations without connecting the PC via Network.

This facility also allows transfer of images on display on a booted PC screen to the projector through a wireless LAN for your presentations on the spot.

● Web-based Control

The Web-based Control allows you to operate your projector and edit its network settings from a PC connected to a LAN or other TCP/IP based network. A web browser such as Internet Explorer is used to remote-control the projector.

Using this facility in combination with the Network Presentation, you can make effective stand-alone presentations on the projector placed in a showroom, for example, while operating the projector and sending desired images from your PC in the office.

● Remote Controller

The projector can be partly controlled by a remote controller. In addition, Network and Image Viewer cannot be partly operated with buttons attached to the main unit, so use the remote controller in such cases. Be careful not to lose the remote controller.

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Instructions on Using Wireless LAN Cards

■ Security Issues

Wireless LANs are connected by radio rather than by cables to perform information exchanges and communications between a PC and a (wireless) access point, therefore they provide the benefit of relatively free LAN connections within the reach of radio waves. On the other hand, however, radio waves can propagate everywhere beyond obstacles (such as walls) within a certain range, therefore, security is an important concern for wireless LANs. A wireless LAN with security vulnerabilities may undergo the following risks:

● Surreptitious glance of your data by third parties

Your data being sent via a vulnerable wireless LAN may be maliciously intercepted by an ill-willed third party who could steal your secret data such as ID, password, credit card No. and other personal information, and email messages.

● Illegal access or break-ins

Ill-willed third parties may break in or have illegal access to your company's intranets or your personal network. Such third parties could steal your company's secret information or your personal data (information leak); send wrong or false information under the disguise of a particular individual (impersonation); alter the intercepted messages into false ones (falsification); let computer viruses intrude into your computer and/or network system for malicious destruction of your IT system/data (data destruction); and could do similar wrongful acts.

Wireless LAN cards and wireless access points are usually provided with security protections against these problems, so you can minimize the risks as mentioned above if the security management of your wireless LAN system is solid.

It is recommended that you recheck the security system of your wireless LAN products at your own discretion and on your own responsibility before starting the use of this product.

■ CAUTION (ON FREQUENCY BANDWIDTH)

The working frequency band of this product is the same as that used for microwave ovens and other industrial, laboratory or medical equipment. In addition, it coincides with the one that is currently being used for local radio stations (these require the competent authority's license) and special small power radio stations (these do not require the competent authority's license), both of which are usually in service for mobile identification at manufacturing sites.

1. Before starting the use of this equipment, make sure that there is no local radio station or special small power radio station for mobile identification working nearby.
2. In the event of any radio interference between this equipment and a local radio station for mobile identification, promptly change the working frequency band of the equipment, or immediately stop its radio wave emission and contact us at the telephone number below (we can suggest you protective measures from radio interference such as installation of partitions).
3. For protections of the equipment from radio interference with a special small power radio station for mobile identification as well as any further information on this matter, please contact our authorized distributor in your location where you have bought it.

■ Handling Precautions

No license for radio station is required when using wireless LAN cards, but the user should fully understand the following:

● **DO NOT USE a wireless LAN card in the neighborhood of other radio equipment.**

Data communications may be disabled or may slow down due to radio interference if you use the card near the following equipment as they may belong to the same radio frequency bandwidth as that used for your equipment:

- Microwave ovens
- Industrial, laboratory and medical equipment
- Local radio stations for mobile identification usually in use in manufacturing lines
- Special small power radio stations

● **Avoid using a cellular phone or switching TV or radio on in proximity of a wireless LAN card as far as you can.**

Since the radio frequency bandwidths used for cellular phones, TV and radio are different from that used for the wireless LAN cards for your equipment, data communications are not affected but voice and images may be affected by noise interference.

● **Reinforced concrete, metal and concrete block radio waves from the wireless LAN cards.**

Radio waves used for the wireless LAN cards for your equipment can pass through wooden and glass walls and floors (except metal-meshed glass panes/panels), but not through those made of reinforced concrete, concrete and metal.

⚠ CAUTION

Bringing a wireless LAN card into a country other than the designated country is prohibited, and may infringe upon the wireless telegraphy laws of that country.

Specific Absorption Rate

Power Output listed is Conducted. The antenna used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance. The SAR data in this filing is applicable to demonstrate compliance for a final or similar host product as shown in this filing. The maximum SAR value is: Body; 0.4W/kg

Gather Everything You Need before Getting Started

The following are required for using the Image Viewer and Network applications:

To use the Image Viewer

When using CF memory card

| | |
|----------------------------|---|
| Recording media | A CFA-specified CF memory card available in the market (For more information see page 19 of this manual.) |
| Requirements at the PC end | CF slot or PC card slot (CF card adaptor is required) * The associated utility software must be installed if you need to use PowerPoint file fonts. Installation of the Wireless Presenter-to-Go will automatically and simultaneously install the Font Transfer Utility. <ul style="list-style-type: none">· See page 10 for installation procedure.· See page 20 on how to use the Font Transfer Utility. |

* "CF" or "CF card" is short for "CompactFlash" in this manual.

When using USB memory

| | |
|----------------------------|--|
| Recording media | A USB1.1 USB memory available in the market |
| Requirements at the PC end | USB port conforming to USB1.1 standard * The associated utility software must be installed if you need to use PowerPoint file fonts. Installation of the Wireless Presenter-to-Go will automatically and simultaneously install the Font Transfer Utility. <ul style="list-style-type: none">· See page 10 for installation procedure.· See page 20 on how to use the Font Transfer Utility. |

To use the Network Presentation

When using wired LAN

| | |
|---------------------------------------|--|
| Connection cable | 10/100BASE-T LAN cable (straight type) available in the market |
| Requirements at the PC end (Software) | Install "Wireless Presenter-to-Go" software attached to the projector. <ul style="list-style-type: none">· See page 10 for installation procedure. |

When using wireless LAN

| | |
|---------------------------------------|---|
| Requirement at the projector end | A dedicated wireless LAN card (accompanying the projector) |
| Requirements at the PC end (Hardware) | <ul style="list-style-type: none">· For stand-alone presentations (Ad Hoc Mode): A wireless LAN card that complies with IEEE802.11b standard (or a personal computer with built-in wireless LAN)· For wired presentations: You need a wireless access point. (Consult your LAN administrator.) |
| Requirements at the PC end (Software) | Install the Wireless Presenter-to-Go Utility that has come with the projector. <ul style="list-style-type: none">· See page 10 for installation procedure. |

To use the Web-based Control

| | |
|---------------------------|---|
| Requirement at the PC end | Microsoft Internet Explorer or other web browser is required. |
|---------------------------|---|

NOTE

Be sure to connect the PC-side wireless LAN connectable with the projector's wireless LAN card as well as the access point to Wi-Fi Certified products. (Wi-Fi Alliance has been organized to promote wireless LANs and certify their interoperability.)

Software Installation and Setup

System Requirements

In order to run the associated utility software your system must meet the following requirements:

| | |
|---|--|
| OS | Windows 2000 Professional or XP (Home, Professional and Tablet PC Editions) |
| PC | PC installed with the above-specified OS |
| CPU | Pentium II or later version processor |
| Memory | 32 MB or larger |
| HD space capacity | 50 MB or larger |
| Display resolution | 1024 x 768 |
| Color depth | 24 or 32 bits |
| Peripherals | CD-ROM drive (required for installation of the associated software) CF slot or PC card slot, or USB port (required for viewer data recording) |
| Network environment (required when using the Network application) | LAN supporting TCP/IP LAN port (RJ-45) or IEEE802.11b wireless LAN card adapter |

Required Software

- **Wireless Presenter-to-Go:**
Wireless image transfer utility
- **Font Transfer Utility:**
Font transfer utility (This program is automatically installed in conjunction with the Wireless Presenter-to-Go.)
- **Presenter-to-Go (Ver.3):**
Utility to convert PowerPoint and other application's files into viewer files (in PDB file format*)
See page 21 for detail.
* Mobile presentation file
- **PDA Presenter-to-Go:**
Utility to convert PowerPoint and other application's files into PDB files
(For information on how to operate this software, see page 42 of this manual.)

Software License Agreement

<<Read this license agreement carefully before you begin to install the associated software.>>

SOFTWARE PRODUCT: PLUS VISION CORP. Drivers and associated Applications

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Software Installation

- The following procedure is described based on Windows 2000.

● Before starting the installation steps:

1. Check and verify that your PC meets the required operating conditions. (See page 7.)
2. Close all other applications being run.

CAUTION

NOTE ON INDEX SCREEN -PDF

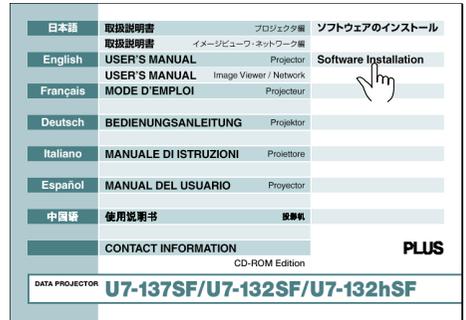
The software is dedicated for Windows 2000 Professional or XP, and does not support Macintosh or other OS. If you boot up the INDEX (PDF) screen on a Macintosh OS, no “Software Installation” button will appear on the display.

1. Open the installer.

● When you open the installer from the PDF User’s Manual (Windows)

This lets you open the installer from the PDF User’s Manual you are viewing on your PC screen.

- ① Return to the Index screen.
- ② Click on the “Software Installation” button displayed on the Index screen, and the Installer screen will appear. Leave the Installer screen as is and quit Adobe Acrobat Reader.

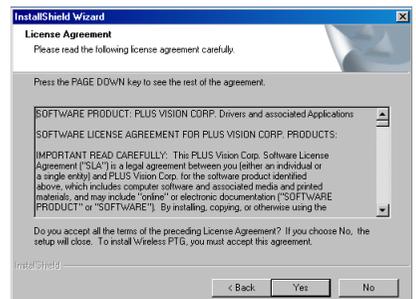
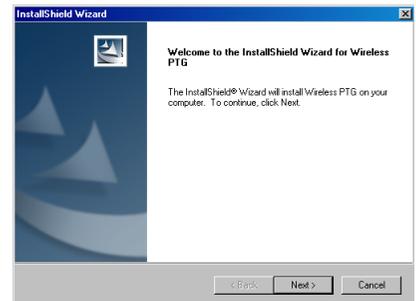


● When you open the installer directly

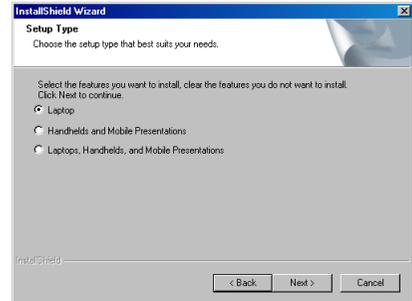
- ① Insert the accompanying CD into the CD-ROM drive of your PC.
- ② Select the corresponding CD designation using Windows Explorer. Double-click “WirelessPresenter2.01.1175.exe”. The Installer screen appears on the display.

2. Proceed to install the program following the InstallShield Wizard instructions.

When you click the “Yes” button, the Software License Agreement appears on the screen. Carefully read the terms and conditions set forth in the agreement.



3. On the Setup Type screen, select the device in which you desire to install the program.



Programs to be installed and applicability

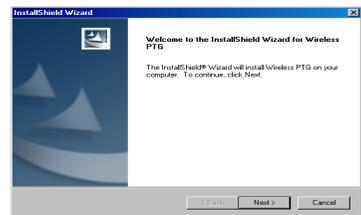
| Installation device(s) | Programs to be installed | | | |
|--|--------------------------|--------------------------------|------------------------|-----------------------|
| | Wireless Presenter-to-Go | Pocket PC/Palm Presenter-to-Go | Presenter-toGo (ver.3) | Font Transfer Utility |
| Laptop | ○ | — | — | ○ |
| Handhelds Mobile Presentations | — | ○ | ○ | — |
| Laptops, Handhelds, and Mobile Presentations | ○ | ○ | ○ | ○ |

○: Can be installed —: Cannot be installed

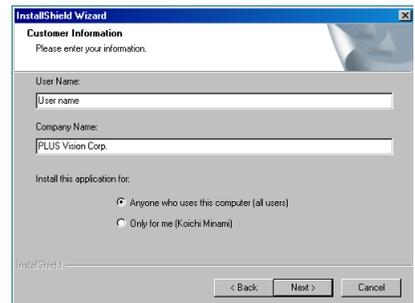
4. The Installer screen appears on the display.

Illustrated on the right is the Installer screen when you select “Laptops, Handhelds, and Mobile Presentations.”

· If you select “Handhelds Mobile Presentations” the screen as shown in step 8 appears. Jump ahead to step 8.

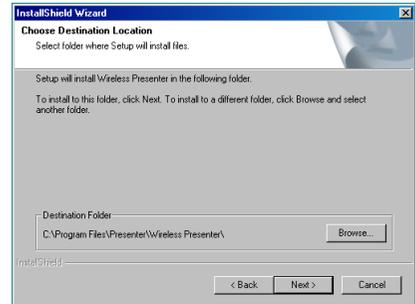


5. Enter the required data before starting installation.



6. The program is installed in the previously specified folder within the Program File Folder.

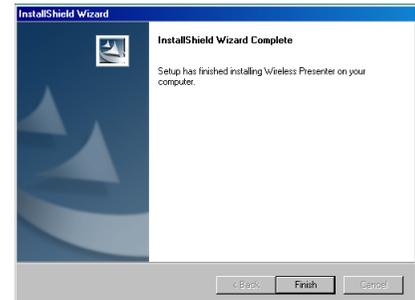
If you need to install it in another directory, click “Browse” at this step and specify a desired directory.



7. Installation of the Wireless Presenter-to-Go is complete.

Click on the “Finish” button.

- If you have selected Laptop as device, your PC will restart.



8. If you have selected “Laptops, Handhelds, and Mobile Presentations” as device(s), the Presenter-to-Go Setup screen appears immediately after step 8 is complete.

CAUTION

The Presenter-to-Go is a nonwarranted, unprotected program. After you consent to the terms and conditions described in the Software License Agreement, you may use it for an indefinite period.



9. The program is installed in the previously specified folder within the Program File Folder.

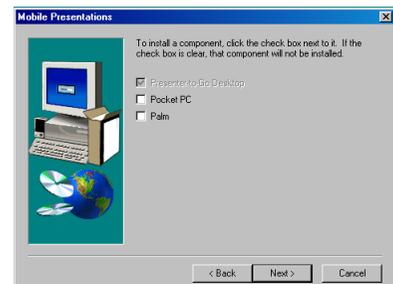
If you need to install it in another directory, click “Browse” at this step and specify a desired directory.



10. From the Mobile Presentations screen, select the program you need to install.

If you want to install the Presenter-to-Go program into your pocket PC and/or palm handheld, check the checkbox next to the program you need to install.

Click the “Next>” button to begin installation.



11. The Setup Product Registration window appears on the screen.

You cannot register the Presenter-to-Go as it is a nonwarranted, unprotected program.

Click the checkbox at the head of this option (“Yes, I want to Register my Product”) to deselect it (the checkbox must remain empty), and then click “Next>”.



12. Click “Finish” to exit the Setup Product Registration window.



Uninstalling the Software

■ Uninstall the Wireless Presenter-to-Go program driver following the steps below.

It is a good idea to delete any previously installed Wireless Presenter-to-Go software before installing an update. (This is optional, but recommended.)

1. From the Control Panel menu, select and open “Add or Remove Programs”.
2. Click on “Add or Remove Programs” to select the old Wireless Presenter-to-Go program version you are going to delete. Click the “Delete” button.
3. Click the “Delete” button in the Wireless Presenter-to-Go popup window to delete the old version program.
4. Click on “Add or Remove Programs”, or the “Delete” button.
5. Click “Yes, I want to restart my computer” to restart your PC. Before restart, quit all applications being run.
6. Click “Finish” to close the window.

■ Uninstall the Wireless Presenter-to-Go program following the steps below.

1. From the Control Panel menu, select and open “Add or Remove Programs”.
2. Click on “Add or Remove Programs” to select the old Wireless Presenter-to-Go program version you are going to delete.
3. Click the “Delete” button in the Wireless Presenter-to-Go popup window to delete the old version program.
4. Click on “Add or Remove Programs”, or the “Delete” button.
5. After the old version program is deleted by Uninstall Shield, click on the “OK” button.
6. Uninstallation of the old version program is now complete.

■ Uninstall Presenter-to-Go program.

Follow the same procedure as described above.

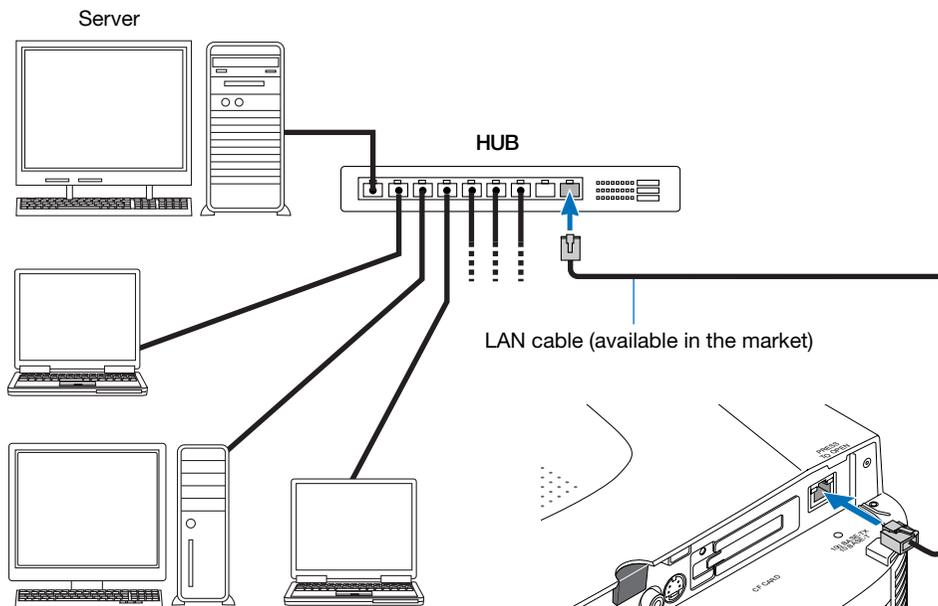
Connecting the LAN Cable and CF card and Setting the USB Memory

Connecting the LAN Cable

The LAN cable is connected with the wired LAN network (for TCP/IP) to use the network function. Purchase a 10/100BASE-TX LAN cable (straight type) available in the market and connect it to the LAN port (RJ-45).

⚠ CAUTION

- Connect the LAN port of the projector to the network to which no overcurrent may be applied. Any overcurrent applied to the LAN port may result in electric shock.
- Do not connect to a telephone line.



Setting and Removing the CF Card (wireless LAN or CF memory) and USB Memory

The CF card slot built in the projector unit is designed for loading 11 Mbps wireless LAN card and CF memory card. Set either card according to your operation requirement each time. You can use one of the two features, Image Viewer or Network, at a time as follows:

- CF memory card Is used to store slides (presentation data) for the Image Viewer application. (Available on the market)
- Wireless LAN card A radio device for the Network application. (Dedicated device for the projector, included in the product package)

CAUTION

- Be sure to turn the projector power off before setting and removing the wireless LAN card.
- DO NOT use any wireless LAN card other than the one that has come with the product package.
- The enclosed wireless LAN card is protected with an antistatic cover. DO NOT remove it.
- Make sure to remove the wireless LAN card and USB memory from the slot before moving the equipment from one place to another and putting it in the carrying case.
- Orientation of the cards and USB memory when inserting:

The cards have a determinate orientation of insertion and are designed to protect them from wrong insertion. Wrong insertion by force could damage your equipment. For information on proper orientation, see the manual for the cards if available.

● Setting the Cards

Wireless LAN Card:

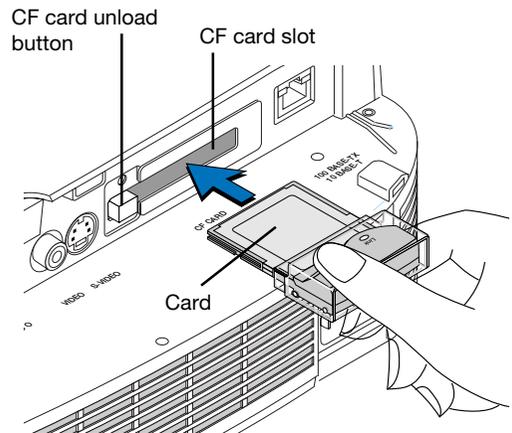
1. Turn the projector power off.
2. Holding the card with its front face up, insert it gently until it cannot go more.

When the card has been inserted fully to the back, the CF card unload button will pop up.

CF Memory Card:

1. Holding the card with its front face up, insert it gently until it cannot go more.

When the card has been inserted fully to the back, the CF card unload button will pop up.



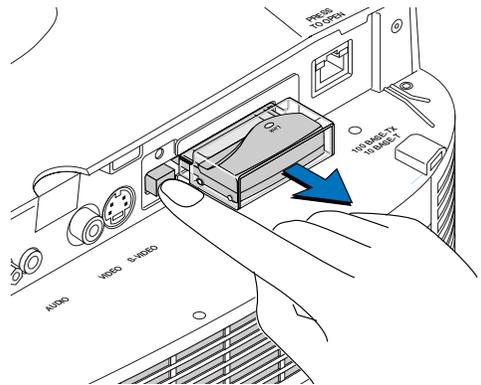
● Removing the Cards

Wireless LAN Card:

1. Turn the projector power off.
2. Press the CF card unload button, and the card will pop up from the slot partially. Hold its sides to remove.

CF Memory Card:

1. Press the CF card unload button, and the card will pop up from the slot partially. Hold its sides to remove.



Illustrated above is the wireless LAN card.

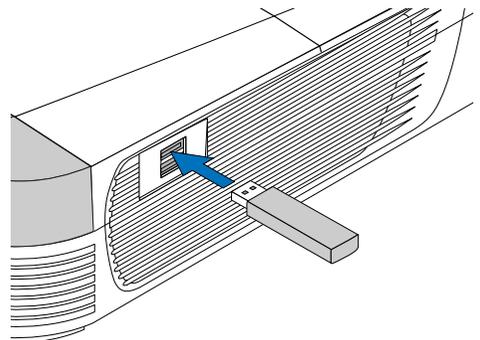
● Setting the USB Memory

This USB compatible memory (available in the market) is used to record the slide data (Presentation document) when utilizing the Viewer function.

Insert the USB memory gently to the USB port to the utmost.

CAUTION

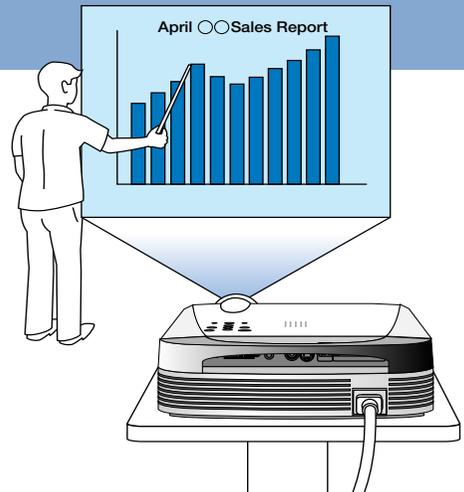
- Two USB memories cannot be used at the same time. The other port is for the USB mouse. (See page 48.)



RUNNING THE IMAGE VIEWER APPLICATION

The Image Viewer projects the presentation data in a CF memory card or USB memory which you create using a PC. You can make stand-alone presentations without a PC or PDA.

(The presentation data stored in a CF memory card or USB memory are called slides.)



- **You can make PC-free presentations by using a CF card or USB memory.**
- **You can add text to your slides using PowerPoint application.**
(Text entries will not affect the layout of your image slides previously created.)
- **Its auto replay-repeat function is useful at storefront and showrooms.**
- **Thumbnails allow for fast browsing through multiple images.**
- **Pictures taken by a digital camera and stored in a CF memory card can also be projected.**
(Images defined as files with extensions of .JPG, .BMP, .PNG and .TIFF only)

■ Glossary

- Slide A group of image files or a PowerPoint file
Folder A case that contains slides or files. A master folder contains multiple folders.
Image Viewer screen Display that appears on the screen after change of data source to Viewer
List of slides A list displaying thumbnails and grouped images
Removable media A CF memory card or a USB memory

Presentation Procedure

Follow the steps below to make presentations using the Image Viewer:

1 Create presentation data (slides) on your PC. Store the data in a removable media. (See page 19.)

- To protect the layout of PowerPoint file data you have created, your PC must have the Font Transfer Utility installed in conjunction with the Wireless Presenter-to-Go application. (See page 10.)
- A commercial PC card adapter is required to insert a CF memory card into your CFcard drive slot.
- Alternately, you may use a USB-supported CF memory card reader-writer available on the market to record presentation data (slides) through the USB port of your PC.

2 Insert the CF memory card into the projector's CF card slot, or insert the USB memory into the USB terminal. (See page 15.)

3 Turn the projector's power on.

Press the STANDBY button of the projector or its remote control. For more information, see the User's Manual [Projector].

4 Select the viewer as input data source.

Press the SOURCE button of the projector or the RGB button of the remote control to select Viewer. For more information, see the User's Manual [projector].

It may take 10-20 seconds until the removable media is recognized.

5 Start the presentation. (See page 22.)

6 Finish the presentation. (See page 25.)

Preparing Slides and Embedding Required Fonts

Slides Preparation Guide

1. Create slides on you PC.

● PowerPoint files

This projector can present the following file formats (file extensions):

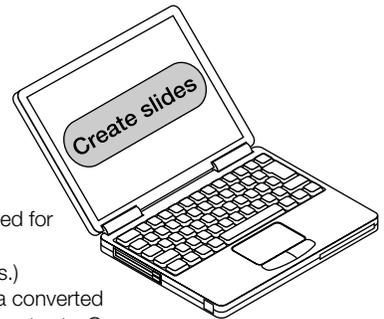
PPT: Ordinary PowerPoint presentation files.

- A very large image may not be read.
- If no specific font utility is installed, the font sets built in the projector are used for presentations.

PPS: PowerPoint Slideshow files. (Operation of these files is same as with PPT files.)

PDB: PowerPoint PPT and other printable application files or other application data converted into dedicated image files for the Image Viewer using the accompanying Presenter-to-Go utility program. (No particular font utility installation is required.)

* For detailed information on font utility installation, see the section called "How to Embed PowerPoint File Fonts" on page 20.



● Restrictions

- Images defined other than as PowerPoint files mentioned above must be converted into those defined as files with extensions of .JPG, .BMP, .PNG or .TIFF. Group these images as a single icon (place in a single folder). The Image Viewer recognizes the image files as a single group of images.
- Use filenames in ascending alphanumeric order if slides are to be presented in a certain determined sequence. The Image Viewer displays them in the order of 0 → 9 → A → Z.
- Although you can use a long filename, only alphanumeric characters are shown correctly as is.
- High resolution images are displayed at the maximum available resolution level of this equipment or lower. Note that it may take some time for the projector to read and display high resolution images.
- Some picture may not be reproduced by a part of Power Point animation effect.
- It may take time for the projector to read and display a PowerPoint file containing a large volume of data.
- PowerPoint 2003/2002/2000/99 files are readable by the Image Viewer.

2. Save the images and PowerPoint files in the removable media.

If your PC is equipped with a PC card drive, use a PC card adapter commercially available. If not, use a USB-supported CF memory card reader-writer or USB memory also available on the market.



■ Supported CF Memory Cards and Data Formats

- CompactFlash Type I memory cards conforming to the CFA standard can be used on this equipment.
- Images defined as files with extensions of .JPG, .BMP, .PNG and .TIFF can be presented on this equipment.
 - * This Image Viewer does not support JPEG progressive image data.
 - * Part of JPEG images may not be displayed. In such a case, change the image format.
 - * Only TIFF files created with PLUS VISION's Copyboard can be shown.
- Files with size of up to about 3 MB can be displayed on this projector. Image data created on PLUS VISION's Copyboard M-10/M-5 Series (PNG files, 3000×2000, 16 colors; TIFF files, 2808×1600) can be read and displayed on this Image Viewer.

How to Embed PowerPoint File Fonts

If you want to present PowerPoint file data (defined as files with extension of .PPT) as is on the projector, you need to use the Font Transfer Utility enclosed in the package.

To use this utility, it must have been installed on your PC previously. See the section titled “Software Installation” on page 10.

■ Functions of Font Transfer Utility

- The Font Transfer Utility is a resident program which is automatically activated when the user attempts to copy a PowerPoint file into a removable media.
- While copying, it scans the PowerPoint file being copied to detect necessary fonts. After file copying is completed. The Font Transfer Confirmation window appears on the screen. When you click the “Yes, Embed” button in the window, these fonts in use are also copied into the removable media.
- If you drag a PowerPoint file into the desktop Utility icon, you can then enable/disable the Font Transfer Utility manually to activate/deactivate font transfer (on-off) and also use it for drive selection.

CAUTION

- If your presentation file contains some fonts not supported by the Font Transfer Utility, they are automatically replaced with those owned by the projector during presentation. In this case, the original layout may be destroyed.

■ When Embedding Fonts Automatically

1. Copy a desired PowerPoint file into the removable media.

A window as shown on the right (“Presenter-to-Go Font Transfer”) appears on the screen. (If necessary fonts are present in the removable media or have been previously copied into the card, this window will not be displayed.)

NOTE

“Copying into the removable media” means that you select a removable medium (disk) in your USB memory or CF card drive for copying. The same is true for copying a file into a USB-supported card reader-writer.

2. Click the “Yes, Embed” button.

The required fonts are copied into the removable media, and the window closes.

Functions of Each Part

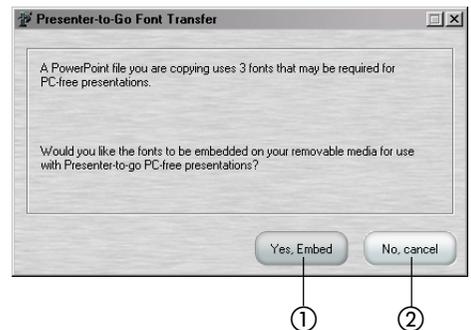
① “Yes, Embed”

Click on this button when you want the fonts used in your document to be copied into or embedded in the removable media.

② “No, Cancel”

Click on this button when you do not want them to be copied into the memory card. The window will close without copying them.

* Embedding of PowerPoint file fonts is now complete.



■ When Embedding Fonts Manually

1. Drag a desired PowerPoint file into the desktop  icon,

The Presenter-to-Go Font Transfer window appears on the screen.

2. Click on [▼] in the device combo box to choose the drive number into which the required fonts are to be copied.

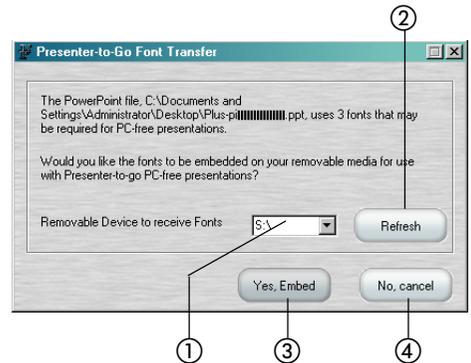
If your intended drive number is not shown, click “Refresh” to search the drive number you need.

3. Click the “Yes, Embed” button.

The required fonts are copied into the removable device you have specified, and the window closes.

Functions of Each Part

- ① “Removable Device to receive Fonts”
Displays the list of available removable drives. Select a drive in which you have set a USB memory or CF memory card or USB card reader-writer.
- ② “Refresh”
Searches through the list of available removable drives in the device combo box.
- ③ “Yes, Embed”
Clicking this button will start copying fonts into the removable device selected in (1) above.
- ④ “No, Cancel”
Clicking this button will close the window without copying fonts.



Creation of PDB files for presentations

You can create PDB-format slides on your PC for presentations on the Image Viewer, using Microsoft PowerPoint or printing slides created on some other Windows application. In either way, you must have the Presenter-to-Go utility program previously installed on your PC.

For more information on how to install the program, see the Software Installation section on page 10.

Click here to

View Presenter-to-Go User's Manual

CAUTION

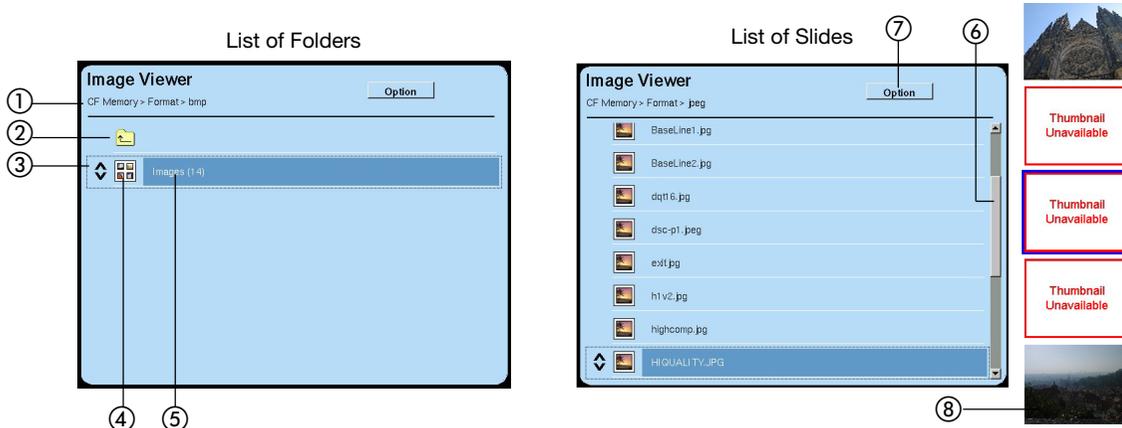
- The Presenter-to-Go Ver.3 is nonwarranted, unprotected freeware and you may use this version (Ver.3) exclusively for an indefinite period.
- You need to buy this program separately from MARGI Systems, Inc. if you want user registration and customer support service.

Operating the Image Viewer

Insert the CF memory card into the projector's CF card slot or the USB memory into the USB terminal, and select "Viewer". The Image Viewer screen appears. (It may take 10-20 seconds until the removable media is recognized.) There are two types of the Image Viewer windows: List View Mode window (List of Folders and List of Slides) and Slide Image window that displays slide images.

Selecting the List View Mode (List of Folders and List of Slides)

Names and Functions of the List View Mode Components



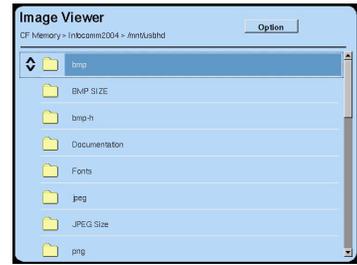
- | | |
|-------------------|---|
| ① Folder name: | Indicates the name of the folder being currently selected. |
| ② 'Return' icon: | When clicked, the screen returns to the master folder. (The icon is labeled with the Up arrow to return to the master folder when no readable file is found in the current folder and a subfolder is open.) |
| ③ Cursor (⏏): | Is used to select desired images/folders. Bring this cursor onto a file, group of images or folder you desire to select. Use the SELECT arrow buttons (▲ and ▼) of the projector or its remote control to move the cursor. To change the screen from one list to another, use the SELECT arrow buttons (◀ and ▶). |
| ④ Function icon: | Displays the folder/file/grouped image* icons. * Grouped image refers to a single icon that represents a single folder containing a multiple number of image files. |
| ⑤ Information: | This field shows the folder name, a count of the number of images and the corresponding file extension. It indicates the file name on List of Slides. |
| ⑥ Scrollbar: | A scrollbar appears at the right when the number of files/folders exceeds the maximum display area of the screen while navigating the current list. |
| ⑦ Viewer Options: | Click on this button to open the Viewer Options window. |
| ⑧ Thumbnails: | Indicate JPEG image file thumbnails. |

NOTE

- Folders and icons of files present on the removable media, readable by the Image Viewer, are shown.
- Files with unsupported file formats are not shown.
- The initial List View shows a navigable list of folders, PDB*/PPT/PPS files (in alphabetical order according to filename) in this order. (* PDB files refer to PowerPoint PPT files converted into dedicated image files for the Image Viewer using the accompanying Presenter-to-Go utility program.)
- Alphanumeric characters are to be used for correct indication of filenames.
- All images (defined as files with extensions of .JPG, .PNG, .BMP and .TIFF) will be grouped as a single icon and the number of images present will be indicated.
- PowerPoint Slideshows (defined as files with extensions of .PDB, .PPT and .PPS) will be shown as individual icons together with filenames.

■ How to Select a Slide from the List of Folders

1. Bring the cursor onto a desired folder, using the **SELECT** arrow buttons (▲ and ▼) of the projector or its remote control.
 2. Press the **ENTER** button, and the slides contained in the selected folder will be projected on the screen.
 - If you select a PPT, PDB or PPS file, the program starts PowerPoint presentations.
 - If you select the grouped image icon, the program starts Slideshows.
 - The Slideshows and presentations are activated according to the settings performed through Viewer Options. For setting operation, see page 25.
 - If you select a single image, it will be displayed in full screen size.
- If subfolders are present in the selected folder:
- A list of files and/or subfolders contained in the master folder (selected folder) is displayed. Repeat steps 1 and 2 above.
 - To return to the initial list of folders, click the "Return" icon at the top of the screen, and then press the **ENTER** button.



■ How to Select a Slide from the List of Slides

The List of Slides appears when you select grouped image icons.

1. Click a desired grouped image icon and press either **SELECT** arrow key, ◀ or ▶.

The list of slides contained in the selected grouped image file will appear on the screen. At the right are their respective thumbnails. Any file whose thumbnails are unsupported or unreadable by the Image Viewer is labeled 'Thumbnail Unavailable.'

When returning to the master folders

To return to the master folder, press either **SELECT** arrow key, ◀ or ▶, of the projector or its remote control. The cursor will return to the point of grouped image icon initially selected.

2. Select a desired slide using the **SELECT** arrow buttons (▲ and ▼) of the projector or its remote control.

Bring the blue cursor onto the thumbnail of the selected slide.

3. Press the **ENTER** button, and the selected slide will be projected on the screen.



Operating Slides

Change the screen display to show slides by referring to the previous sections, “How to Select a Slide from the List of Folders” and “How to Select a Slide from the List of Slides.”

■ Displaying a Slide on the Screen

- **When Auto Slide Show Mode option has been selected**

(See page 25 for information on how to set this option.)

Auto Slide Show will start up when you select a grouped image file from the list of files.

- **Resolution and display size**

If the resolution of an image is higher than the maximum available resolution level of this projector, the image size is reduced so that it is consistent with the level of this projector. The sizes of all other images with resolution levels lower than that of this projector remain unchanged.

- **Allowable file capacity**

Files with memory capacity up to about 3 MB can be displayed on this projector. Larger volume files and those damaged will be labeled with [X]. Note that it may take time for the projector to read and display a file containing a large volume of image.

- **PowerPoint files**

- Unless previously embedded in PowerPoint (PPT) files, the fonts in use on your documents will be automatically replaced with those owned by the Image Viewer during presentation. The same is true with a file containing some fonts not supported by the Font Transfer Utility. In these cases, the original layout could be destroyed. (See page 20 for detailed information on how to embed required fonts.)
- Some of the PowerPoint Animation or images with large effects and capacity may not be reproduced.
- It may take time for the Image Viewer to read and start presentation of a PowerPoint file containing a large volume of image data.

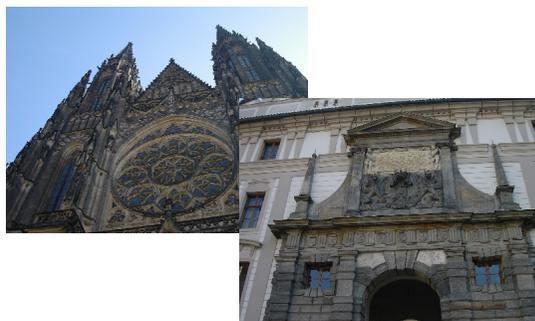
■ Select a Slide

You can change from one slide to another using the **SELECT** arrow buttons (**▲** and **▼**) of the projector or its remote control, as below:

Press the **▼** key to go to the next slide.

Press the **▲** key return to the previous slide.

- When you project PowerPoint animation, press either **▲** or **▼** key to start up the animation.



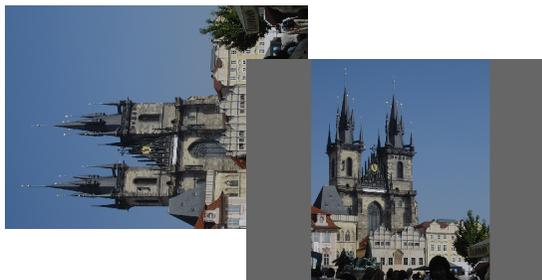
■ Rotate a Slide

You can rotate a slide using either **SELECT** arrow button, **◀** or **▶** of the projector or its remote control, as below:

Each time you press the **▶** key, the image will turn in a 90-degree arc clockwise.

Each time you press the **◀** key, the image will turn in a 90-degree arc counterclockwise.

- Slides contained in a PowerPoint file cannot be rotated.



■ Quit a Slide

Press the **ENTER** button to return to the List of Folders screen.

Exiting the Image Viewer

Press the **SOURCE** button of the projector or the **RGB** or **VIDEO** button of the remote control to exit the Image Viewer. The input signals of the facility you select (RGB, S-VIDEO or VIDEO) will become active.

- Even if you interrupt the current Image Viewer presentation with other input sources, you can return to the running presentation by changing the source back to the Viewer input as long as the Image Viewer has been being active.
- The Auto Slide Show mode remains active with presentations being continuously run on the background even if you interrupt the current Image Viewer presentation with other input sources.

Setting Slideshow Options

Slideshow options are set in the Viewer Options window.

■ How to Set Viewer Options

1. Open the List of Folders or List of Slides window.
2. Select [Option] using the **SELECT** arrow key (**▲**) of the projector or its remote control, then press the **ENTER** button.
Bring the cursor to the top of the screen using the **▲** key. Then press the **▲** key once again, and the cursor will move to [Option]. You may use the **▼** key instead. The Viewer Options window opens when you press the **ENTER** button.
3. Use the **SELECT** arrow buttons (**▲**, **▲**, **◀** and **▶**) to select each item.

Use the **▲** and **▼** buttons to bring the dotted line frame to a desired item and the **◀** and **▶** buttons to select the item. Press the **ENTER** key to fix the selection (the selected item radio button will become black).

Slide Show Mode

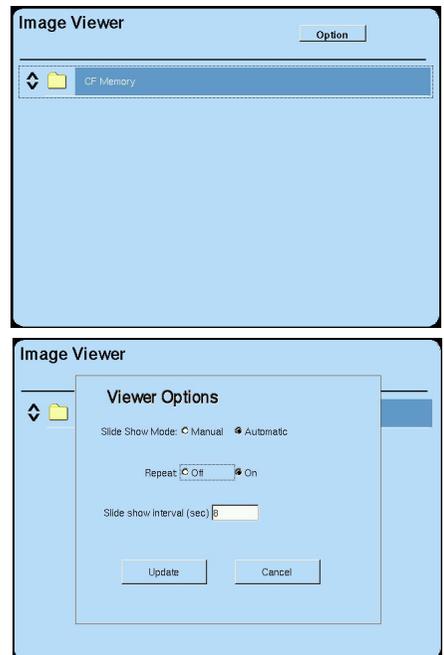
Select either automatic or manual slideshow mode:

- Manual Slides are to be changed manually.
- Automatic Slides are automatically changed one by one from the folder head.
- This Auto Slide Show Mode remains active with presentations being continuously run on the background even if you interrupt the current Image Viewer presentation with presentation by another sources such as RGB.

Repeat

Set whether the slideshow should be repeated or not during the presentation in the "Automatic" Slide Show Mode:

- Off The presentation stops after the last slide is shown.
- On All the slides contained in the selected folder are repeatedly presented.



Operating the Image Viewer

Slide show interval (sec)

Set the show duration of each slide during the presentation in the Automatic Slide Show Mode.

When you select [Slide show interval], a ten key pad appears on the screen. Press the ENTER button to bring the cursor on the pad. (The cursor will be enclosed by dotted lines.)

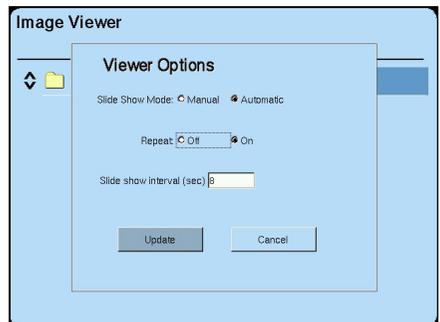
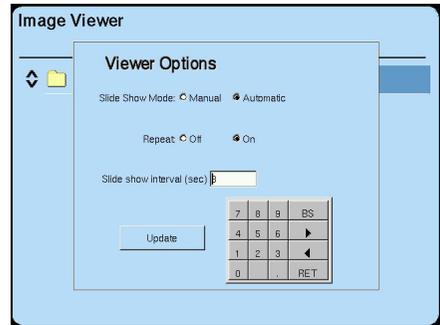
The ten key pad works as follows:

- Entry of numerals: Select a desired numeral using the SELECT arrow buttons (▲▼◀ and ▶), then press the ENTER button. The selected numeral will be entered on the right of the cursor in the entry field.
- Cursor moving: Select [>] on the ten key pad using the SELECT arrow buttons (▲▼◀ and ▶), then press the ENTER key. The cursor will move to the right for one character in the entry field. Select [◀] when you need to send the cursor back to the left.
- One character erase: Select [BS] on the ten key pad using the SELECT arrow buttons (▲▼◀ and ▶), then press the ENTER button. The character on the left of the cursor will be erased.
- Quit ten key: Bring the cursor on [RET] of the ten key pad using the SELECT arrow buttons (▲▼◀ and ▶), then press the ENTER button. Now the cursor is on the Viewer Options window.

- The slide show interval set here refers to the real show duration of each slide and does not include the interval required for change process from one slide to another.
- Only readable slides are shown in the Automatic Slide Show Mode.

4. Select [Update] using the SELECT arrow buttons (▲, ▼, ◀ and ▶), then press the ENTER button.

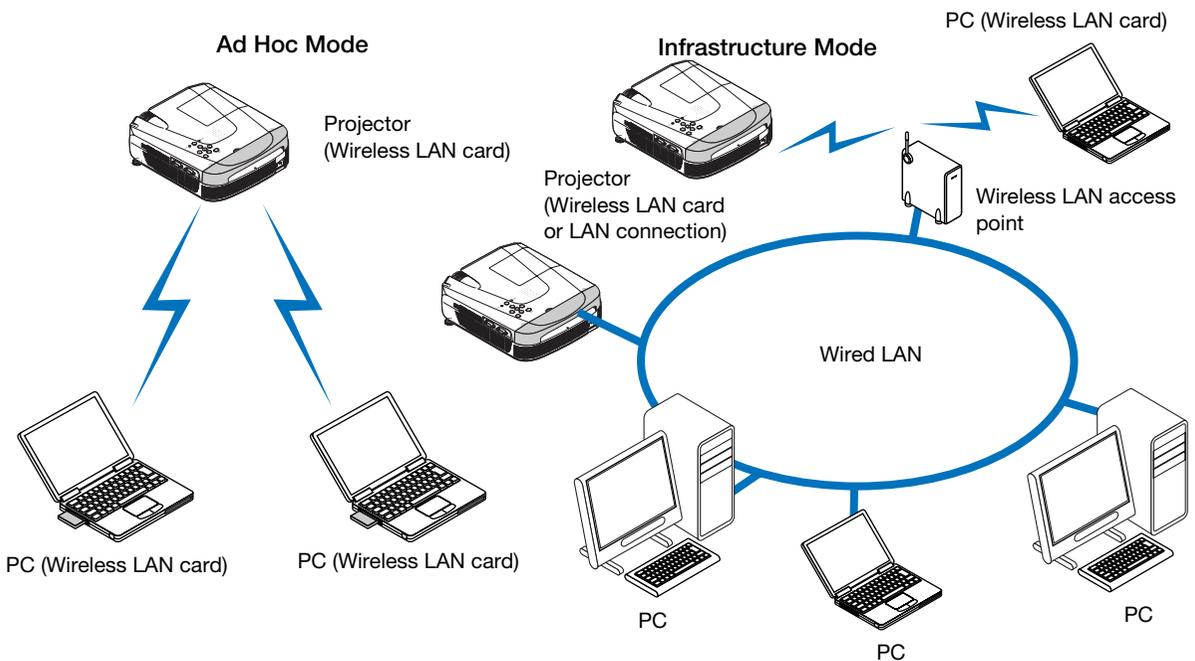
To return to the state before setting operation, select [Cancel] and then press the ENTER button.
The Viewer Options window will close.



RUNNING THE NETWORK APPLICATION

● Network Presentation

The Network Presentation transfers screen displays of the document currently open on a PC to your projector 'as is' through a LAN and projects them on the spot. You can make stand-alone presentation via Network. This facility also allows transfer of images on display on a booted PC screen to the projector through a wireless LAN for your presentations on the spot.



● Web-based Control

The Web-based Control allows the user to operate the projector and edit its network settings from a PC connected to a LAN or other TCP/IP based network. A web browser such as Internet Explorer is used to remote-control the projector.

Combining this facility with the Network Presentation, the user can make effective PC-free presentations on the projector placed in a showroom, for example, by controlling the projector and sending desired images from a PC in the office.

Network Presentation Procedure

■ Initial Setup Flow (Overview)

● When Using the Wired LAN

- 1** Connect the projector to the Network cable. (See page 15.)
- 2** Select Network input through the projector.
Press the SOURCE button on the main unit and press the RGB button of the remote controller to select the Network input.
- 3** Set the Network on the projector side. (See page 29.)

● When Using the Wireless LAN

- 1** Have your PC on standby as follows :
 - 1-1) For the Ad Hoc Mode (peer-to-peer communications between the projector and a PC via wireless LAN), your PC must have a built-in wireless LAN or be provided with a commercial wireless LAN card.
 - 1-2) Following the instructions given in the manual for the commercial wireless LAN card, your PC must have the driver and necessary utility programs properly installed and the network properly set up.
 - 1-3) Install the Wireless Presenter-to-Go (contained in the CD-ROM that has come with the projector) in your PC. This program is necessary for sending of images from your PC to the projector. (See page 10.)
 - 1-4) After completing 1-1) to 1-3), set the wireless LAN card on your PC.
- 2** Insert the wireless LAN card that has come with the projector into the CF card slot of the projector. (See page 15.)
- 3** Select Network as input data source for the projector.
Press the SOURCE button of the projector or the RGB button of its remote control to select the network input. For more information, see the User's Manual [Projector]. The Wireless Projector screen appears.
- 4** Configure the network settings on the projector. (See page 29.)
- 5** Configure the network settings on your PC. (See page 33.)

■ Procedure for Network Presentations (Overview)

Follow the steps below when making presentations using the projector and your PC previously set up:

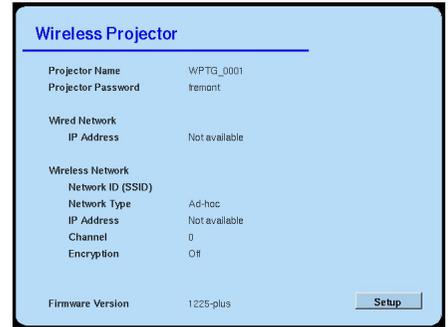
- 1** Start the Wireless Presenter Panel on your PC to connect it to the projector. (See page 36.)
- 2** Open on your PC the document you desire to present on the projector. (See page 37.)
The current document open on your PC is presented on the projector. (Network Presentation)
- 3** Finish the presentation. (See page 37.)

■ Controlling the Projector through Web Browser (See page 43.)

Configuring the Network Settings on the Projector

Preliminary work: Display the Wireless Projector (Network Setting Information) screen from the projector, as follows:

1. Connect the network cable to the wired LAN Network for wired LAN connection.
Set the attached wireless LAN card to the projector for wireless LAN connection. (See page 15.)
2. Turn the projector's power on. Select Network as input data source. Press the SOURCE button of the projector or the RGB button of its remote control to select Network as data source. The Wireless Projector (Network Setting Information) display appears on the screen. (This display remains on the projector screen until it is connected to you PC.)
When the "Set" → "Auto Source" of the menu is on, a screen on the right is not displayed if the wireless LAN card is set or unless the wired LAN link is established.



Wireless Projector (Network Setting Information) screen

The following settings can be skipped if you intend to use the Ad Hoc Mode (peer-to-peer communications between the projector and your PC via wireless LAN) using the default configuration set before shipping from our plant.

* If you are going to use encryption system, then you need to configure these settings.

Selecting Setting Items and Entering Characters

For detailed information about these items, see the Network Settings and Selection Table.

Use the SELECT arrow buttons and ENTER button provided on the projector and its remote control for the following setting operations.

1. Press the ENTER button.

The Wireless Projector → screen appears.

NOTE

If you have set the network password before this operation, the 'Password' window will appear and you will be prompted to enter the password.

For detailed information, see the section called "Registering and Canceling Network Password" on page 31.

2. Using the SELECT arrow buttons (▲, ▼), bring the cursor to the setting item field in which you need to make an entry.

If the field requires entry of characters, a soft keyboard appears. If selection of a radio button is required, the enclosing line of the selected radio button will change to a dotted line.

3. Enter alphanumeric characters as below:

- Press the ENTER button to bring the cursor onto the soft keyboard.
- Use the SELECT arrow buttons (▲, ▼, ◀ and ▶) to select each character, then press the ENTER button. The selected character will be entered on the right of the cursor in the entry field.

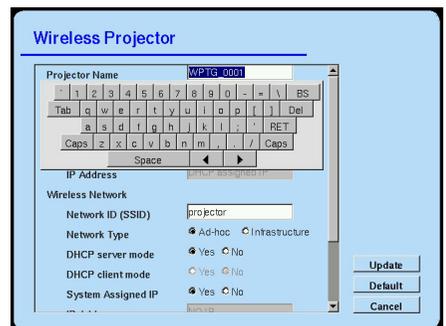
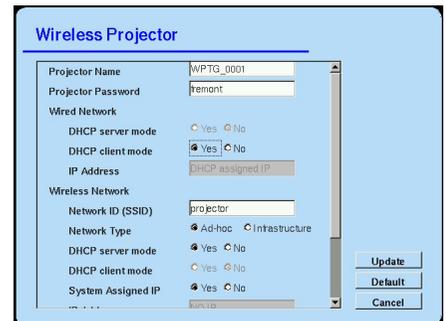
Functions of each key

Use the SELECT arrow buttons (▲, ▼, ◀ and ▶) to select each of these keys, and then press the ENTER button.

BS Deletes one character on the left of the cursor in the entry field.

Del Deletes one character on the right of the cursor in the entry field.

RET Brings the cursor back to Wireless Projector OSD.



Configuring the Network Settings on the Projector

- Caps Replaces an upper case with a lower case and vice versa.
- Tab Tabulates a character or characters.
- Space Enters a space for one character.
- [◀] or [▶] .. Moves the cursor in the entry field.

4. When you need to select one of radio buttons, use the SELECT arrow buttons (◀, ▶) to bring the cursor to the radio button you want to select, and then press the ENTER button. The selected radio button will become dark.

5. Scroll of the Setup screen

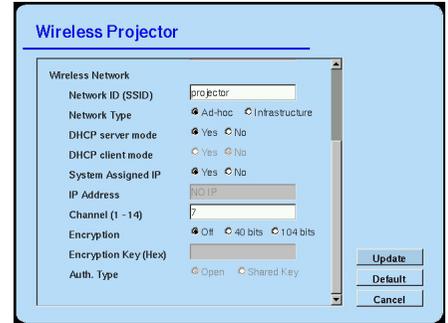
The Setup screen can be scrolled up and down using the SELECT arrow buttons (▲, ▼).

6. Complete the setting operation.

To set up the entered changes definitely, bring the cursor onto the [Update] button using the SELECT arrow buttons (▲, ▼), and then press the ENTER button to return to the Wireless Projector Network Setting Information screen.

Functions of each button

- Update .. Updates the settings.
- Default .. Restores the default settings before shipping from our plant, cancelling new entries.
- Cancel ... Restores the settings before change, cancelling new entries.



Network Settings and Selection Table

| | |
|--------------------|--|
| Projector Name | Enter the projector name which will be shown on the View Available Projectors list of the Wireless Presenter-to-Go. (See page 36.) |
| Projector Password | Is asked for after you select the projector as above to begin your presentation with the Wireless Presenter-to-Go. (See page 38 for setting.) |
| Network ID (SSID) | ID (SSID) of the network to which the projector is connected. Only those PCs whose SSID matches the projector's SSID can make communications with the projector. * Intercommunications are available between devices having the same SSID. |
| Network Type | Select the mode to use: Ad Hoc or Infrastructure: Ad Hoc ... Set this mode for communications among multiple devices equipped with wireless LAN without connection to LAN. Infrastructure ... Set this mode when communications are made with PCs connected to a wired LAN by connecting the projector to the wired LAN (or wireless LAN) via wireless LAN access point. |
| DHCP server mode | Select "Yes" if no DHCP server is present on the network. This mode automatically assigns IP addresses. (DHCP: A protocol to assign dynamic IP addresses to devices on a network.) * No two or more DHCP servers can be present on a single network. * The Digital Projector U7-137SF is equipped with DHCP server. Selecting "Yes" here for any network without DHCP server, this projector serves as the DHCP server for that network. |
| DHCP client mode | Select "Yes" if a DHCP server is present on the network. |
| System Assigned IP | Select "Yes" if you use the DHCP server mode. If you select "No" here, you need to manually assign a unique IP address to each computer. (Contact the network administrator for information on the IP addresses assigned to the projector.) |

Configuring the Network Settings on the Projector

| | |
|----------------------|---|
| IP Address | Enter your PC's IP address (in 12 numerals) if you have selected "No" in the 'System Assigned IP' field. (Contact the network administrator for information on the IP addresses assigned to the projector.) * Each device, such as a PC, connected to a network must have a unique IP address which is an identifier for each individual device. |
| Channel | Specify the channel for the wireless LAN to be used for the projector. Usually, it is automatically assigned by the network. * If a single channel is used by multiple devices, causing a slow transfer rate, change of the channel may be a solution. |
| Encryption | Specify whether encryption (WEP) is to be enabled or disabled on the wireless LAN to be used for the projector. Off Encryption disabled 40 bits 40-bit length data are used as WEP key (64bit WEP). 104 bits 104-bit length data are used as WEP key (128bit WEP). * This is to ensure data security, protecting them from tapping, tampering or interception. Although the larger the bit length, the higher the security, a larger bit length slows down data transfer rate. For more information, consult the network administrator. |
| Encryption Key (Hex) | Enter the encryption (WEP) key in hexadecimal number if encryption is enabled (you have selected 40 or 104 bits in the Encryption field). Your PC's WEP key should match the projector's WEP key. 40 bits 10 characters consisting of 0-9 and A-F 104 bits 26 characters consisting of 0-9 and A-F |
| Auth. Type | Select the key authentication type: Open Public key system Shared Key Shared key system |

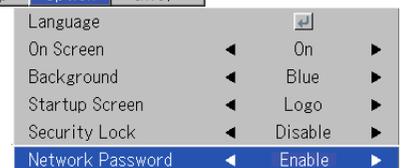
Registering and Cancelling Network Password

A network password is necessary to ensure security of your projector network setup.

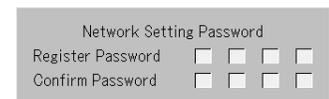
Once a network password is registered, you are asked for to enter it each time you access the Network Setup screen and also when you want to cancel it, so make a note of the registered password.

■ Register Network Password

1. In the on-screen menu of the projector, set Network Password to Enable.



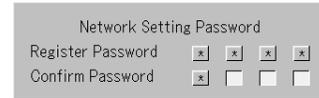
- ① Press the MENU button provided on the projector or its remote control to show the menu on the screen. Using the SELECT arrow buttons (▲, ▼, ◀ and ▶), select [Option] → [Network Password].
- ② Select 'Enable' using the SELECT arrow buttons (▲, ▼).
- ③ The Network Setting Password window appears.



3. Register your network password using the numeral buttons (1-4) provided on the remote control.

- The network password must be a 4-digit number.
- An asterisk (*) is displayed each time you press a numeral button.
- After entering 4 numerals as required, enter the same 4-digit number in the Confirm Password field. Asterisks appear in the field as you enter the number if it matches the password number you are going to register. If a wrong numeral is entered, the asterisk will disappear.

The Network Setting Password window automatically closes when you have entered a correct number.



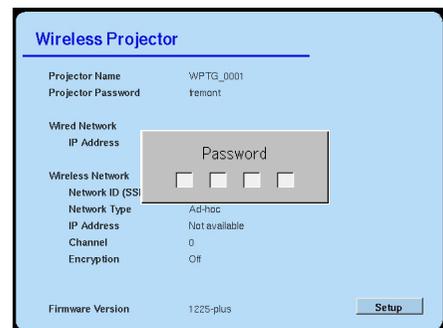
NOTE

- Press the CANCEL button to cancel any entered numeral. The asterisks will disappear, and the first digit will be on standby waiting for your reentry.
- To cancel registration on the way, press the CANCEL button once again. The Network Setting Password window will automatically close.

Registration of network password is now complete.

How to Access the Password-protected Wireless Network Setup Screen

- ① Each time you open the Wireless Projector Setup screen, the 'Password' window appears, prompting you to enter the registered password.
- ② Enter the registered 4-digit password, using the numeral buttons (1-4) of the remote control. The 'Password' window closes when the entered password matches the registered one.



NOTE

Press the CANCEL button to cancel any wrong entry. The asterisks will disappear, and the first digit will be on standby waiting for your reentry.

How to Cancel the Network Password

- ① In the on-screen menu of the projector, set Network Password to Disable.
- ② The on-screen menu closes and the 'Password' window appears. Enter the password previously registered, following the same steps as described as above.

NOTE

If you want to change the network password, you must first cancel it and then register a desired password anew. (See the section describing "Register Network Password" on page 31.)



Configuring the Wireless LAN Settings on Your PC for Connection with the Projector

Configuration of the network settings on your PC depends upon the OS incorporated in your PC: Windows XP or Windows 2000.

For both Windows XP and 2000, you need administrative right to setup network.

Network Setup on Windows XP Run PC

Preliminary work:

Display the Wireless Projector (Network Setting Information) screen from the projector.

(See page 29 for detailed description.)

■ Option 1: Use Windows XP's Wireless LAN Setting Property

IMPORTANT

The following procedure may not apply if the utilities of the enclosed wireless LAN card have been installed previously when installing the card. In that case, follow Option 2.

1. Right-click on the Wireless Network Connection icon in the System Tray, and then click View Available Wireless Networks.

The Wireless Network Connection screen appears.

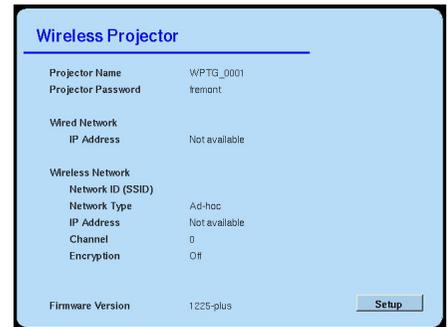
2. Click on the SSID that matches the projector's SSID. Click Connect.

The default SSID before shipping is 'projector.'

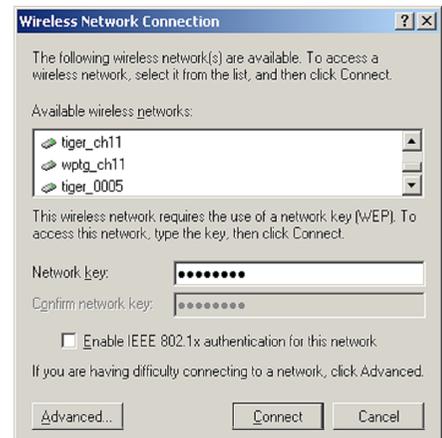
This refers to the connecting network's (or group's) ID (SSID) described for 'Network ID (SSID)' on page 30.

3. Wait for Windows to configure the wireless network.

It takes for a while (approx. 30 sec).



Wireless Projector (Network Setting Information) screen



■ Option 2: Use the Wireless Presenter

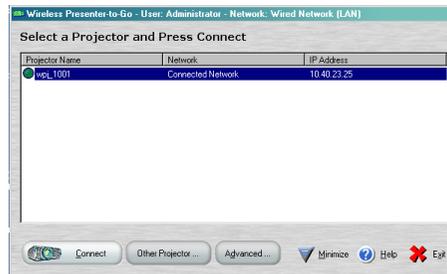
Use the enclosed Wireless Presenter program, previously installed on your PC, for the required configuration.

1. Launch the Wireless Presenter application.

The Projector Connection (Select a Projector and Press Connect) screen appears.

2. Click on the projector name to be connected, and the click Connect (or simply double-click on the projector name).

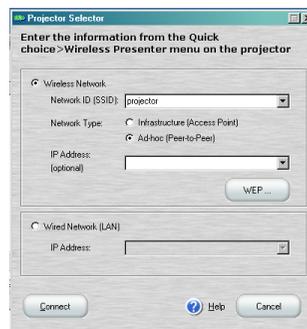
- The default SSID before shipping is 'projector.'
This refers to the connecting network's (or group's) ID (SSID) described for 'Network ID (SSID)' on page 30.
- If the desired projector is shown with a purple icon or is not shown, go to step 3.



3. Click on Other Projector.

The Projector Selector window appears. Enter in projector information, which should match the network settings configured on the projector.

- If you are having difficulty in entering the required information, click on Help.



Network Settings Required on Your PC

| | |
|---|--|
| Wireless Network or Wired Network (LAN) | Select the type of network to which the projector is connected. (Select wireless network for this projector.) |
| Network ID (SSID) | Enter ID (SSID) of the network to which the projector is connected. |
| Wireless Network Type | Select the same mode as you have selected for the projector. |
| IP Address | Enter the projector's IP address. |
| WEP | If WEP is enabled, make WEP settings, which should match the WEP settings for the projector. * For detailed information on WEP settings, refer to the manual accompanying your wireless LAN device. |

4. After completing the network settings above, click Connect.

Your PC is connected to the projector and the Projector Control screen appears.

* Click Cancel to return to the Projector Connection (Select a Projector and Press Connect) screen.

Click on Exit to end your setting operation.

NOTE

You may use wireless LAN environment setup utilities provided by LAN manufacturers. If you want to use these utilities, follow the instructions given in the manufacturer's manual that has come with your wireless LAN card.

Network Setup on Windows 2000 Run PC

Preliminary work:

Display the Wireless Projector (Network Setting Information) screen from the projector. (See page 29 for detailed description.)

■ Option 1: Use the Wireless Presenter

Use the enclosed Wireless Presenter program, previously installed on your PC, for the required configuration. Follow the same procedure as described for Windows XP. (See page 34.)

■ Option 2: Use Wireless LAN Manufacturer's Setup Utility

Follow the instructions given in the manufacturer's manual that has come with your wireless LAN card.



Wireless Projector (Network Setting Information) screen

Starting and Network Presentations

Preliminary work:

1. Before starting the presentations, make sure that the network settings have been properly made both on the projector and your PC and that installation of the Wireless Presenter-to-Go has been completed.
2. Check that your PC supports XGA resolution (1024x768).

CAUTION

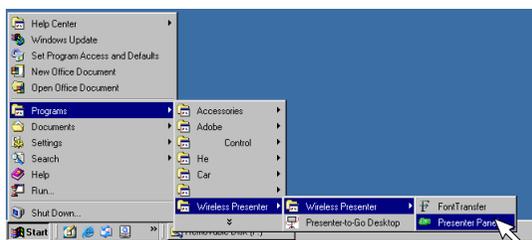
If XGA (1024x768) is not supported, presentations are not possible on Data Projector U7-137SF. In addition, the Wireless Presenter-to-Go is installed in the secondary monitor. If the “Extend my Windows desktop onto this monitor” check box is checked to enable the secondary monitor (see page 38), the screen resolution of this monitor must be XGA.

* Refer to Windows’ Help for more information about the primary and secondary monitors.

Start the Presentation

1. Launch the Wireless Presenter application.

From the Start button select Programs → Wireless Presenter → Presenter Panel. The View Projectors window appears.

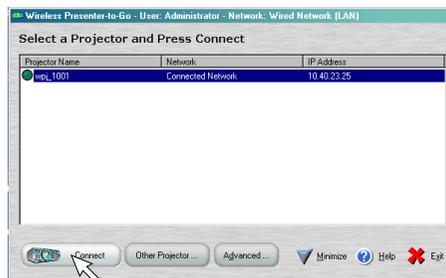


2. Select a projector with green button from the list and click Connect.

If the ‘Password’ window appears, enter the projector password previously registered. (See the “Advanced Options” section on page 38.)

- The View Projectors list shows accessible projectors and all previously used projectors.
- Each listed projector has a colored button designating it as follows:

| | |
|--------|---|
| Green | Ready |
| Orange | <ul style="list-style-type: none">• Accessible but on another network. It can be used for presentations but will need to be configured.• All projectors previously used on the current network |
| Red | Currently not accessible |

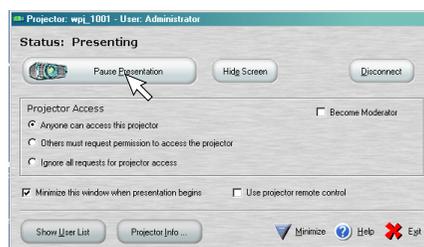


Once your PC is connected to the projector, the Projector Control window opens.

- If the desired projector is not shown in the list or the PC is not connected to the projector, refer to the section describing “Options” on page 38.

3. Click the Start Presentation button to begin your presentation.

The image on your PC screen is sent to the projector for presentation.

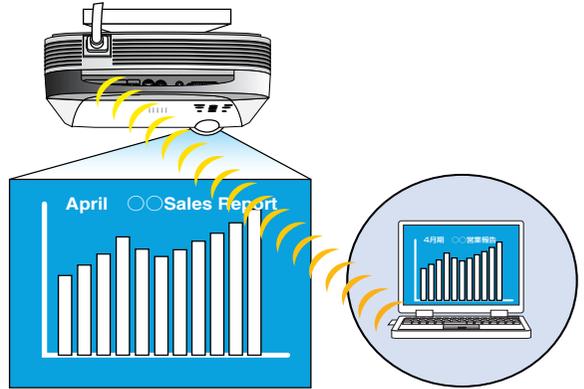


4. Open the document you desire to present and start your presentation.

You can pause your presentation on the way or make a group presentation using the functions on the Projector Control window. For more information, see the section called "Controlling the Projector" on page 39.

CAUTION

When the Viewer is activated during the operation of Network Presentation, the connection with the projector is shut off.



Quit the Presentation

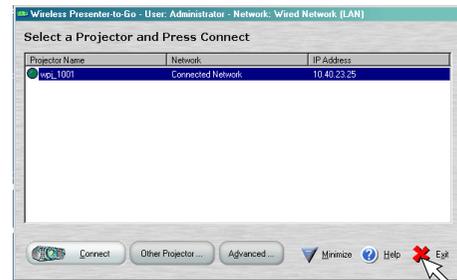
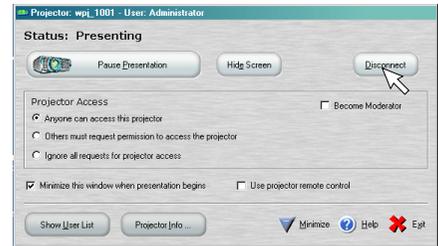
1. Click the Disconnect button.

The projector is disconnected and you will return to the Projector Section list screen.

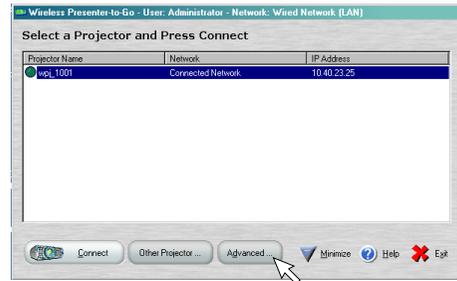
- The Exit button will disconnect all the projectors and close the Wireless Presenter-to-Go application.

2. Click Exit.

This will disconnect all the projectors and close the Wireless Presenter-to-Go application.



Optional connection to the Projector



Advanced Options

You can make advanced configuration in terms of the projector connection. Click on the Advanced button in the View Projectors window.



| Item | Description |
|--|--|
| User Name | Enter the user name to be shown in the Projector User List. |
| Projector Password | Enter the projector password defined when configuring the network settings on the projector. No entry is required in this field if no projector password is registered for the projector. |
| Use Projector as Extended Desktop | Lets the user use the projector as a secondary monitor and on for projector presentations while using the primary monitor for other applications from the same PC. (By default, this check box is deselected.) When checked, this feature displays the secondary monitor (extended monitor) screen on the projector. When deselected, it displays the primary monitor (main monitor) screen. |
| Start presentation immediately on connecting | Starts displaying your PC screen on the projector immediately or via control. (By default, this check box is checked.) When checked, presentation automatically starts without need to click Start Presentation on the Projector Control window. When deselected, presentation starts only after you click on the Start Presentation button. |

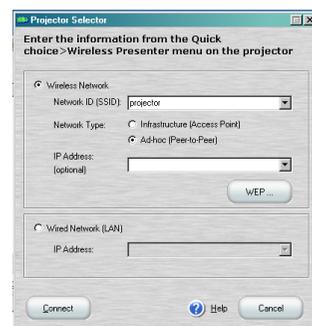
For information about other buttons, click Help.



- Presentations cannot be made if the screen resolution of the secondary monitor is not XGA. See Windows' Help for more information about the primary and secondary monitors.

Quick Selection of Projector

- When you click the Other Projector button on the View Projectors screen, the Projector Selection window appears.
- When you open the Projector Selection window, you may see default settings or none at all. Select the projector depending upon how the new projector is connected.
- Contact your system administrator for network configurations.
- Click Connect to connect to the new projector.

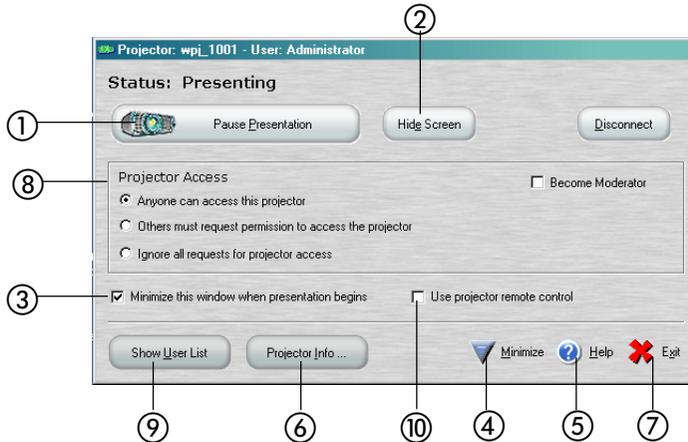


Controlling the Projector

Once the connection with a projector is established, the Projector Control window opens. The projector is controlled from your PC on this window.

For more information on the Projector Control window, click Help.

■ Features of the Projector Control Window



- ① There are three radio buttons of Projector Access, each indicating the current access state between the projector and your PC:

| Button name | Description |
|--------------------------|--|
| Start Presentation | Appears if no other users are logging on to the projector. Click the button to display your PC screen on the projector and begin your presentation. |
| Pause Presentation | Stops the screen you are displaying. |
| Request Projector Access | Appears when another user is logging on to the projector. (Use this feature for group access to the projector.) Click this button to request permission for displaying your screen. If permission is granted, this button changes to Start Presentation. |

- | | | |
|---|---|---|
| ② | Hide Screen | Click this button to blank the screen (there will be no image on the projector). |
| ③ | Minimize this window when presentation begins | Click this button if you want to hide this window at beginning your presentation. Click the Pause Presentation button to reopen the window. |
| ④ | Minimize | Click this button to minimize the window. |
| ⑤ | Help | Click this button to display help for projector control. |

| | |
|---------------------------------------|--|
| <p>⑥ Projector Info...</p> | <p>Click this button to show information about the projector you are connected to as illustrated below. Click the Done button to close the Projector Information window.</p>  |
| <p>⑦ Exit</p> | <p>Click this button to close the Projector Control window and return to the View Projectors screen.</p> |
| <p>⑧ Projector Access</p> | <p>See the “Controlling Projector Access” section below.</p> |
| <p>⑨ Show User List</p> | <p>See the “Controlling Projector Access” section below.</p> |
| <p>⑩ Use Projector Remote Control</p> | <p>The USB mouse connected to the projector is used to control your PC during Network Presentation. (See the “How to Use the USB Mouse” section on page 48.)</p> |

■ Controlling Projector Access

Select one of the following options to control access to the projector by other users. There are three options for group presentations.

‘Anyone can access this projector’

- This allows for access to the projector by any user who clicks Start Presentation.
- The new user then overrides the current user.
- This option is ideal for small, highly interactive meetings.

‘Others must request permission to access the projector’

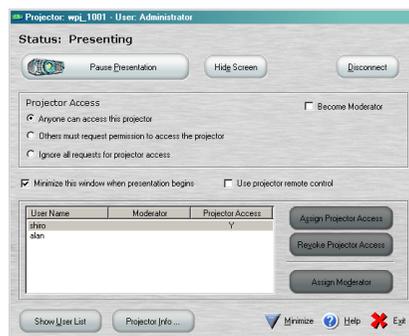
- This allows the current user to approve or reject requests for access.
- This option is ideal for meetings that are more formal.
By checking the Become Moderator check box, you may “assign” or “revoke” projector access by meeting participants. You may also assign the role of moderator to another user. For this assignment, click the Show User List button ⑨. The user list will appear together with the Select button.

Complementary description

‘Become Moderator’ is a superuser mode. To become a moderator, you must currently have projector access. As moderator you can grant projector access to users, pass access to another user and revoke access from any user, without giving up control of the projector. The moderator may also pass his/her moderatorship to another user.

This option is available to you

1. if you are the first user to access the projector, or
2. no one else is currently connected as moderator and you have presentation access to the projector.



Starting and Controlling Network Presentations

'Ignore all requests for projector access'

- This option allows you to give your presentation uninterrupted. (All requests for access from other users are rejected.)
- As above, however, access requests from other users are accepted
 - when the current user disconnects from the projector, or
 - when the current user selects Become Moderator and 'assigns projector access by other users' or 'assigns the role of moderator to another user.'

Appendix: Overview of Presenter-to-Go for Pocket PC/Palm Handhelds

This application program allows you to convert PowerPoint image data or data created by other applications into data fit for presentations from wireless pocket PC and palm handheld devices.

- Your PC must have the enclosed Presenter-to-Go for Pocket PC/Palm Handhelds installed.

On the Setup Type screen of the Installer, select "Presenter-to-Go for Pocket PC/Palm Handhelds" or "Laptops, Desktops, Handhelds, and Mobile Presentations" for installation. See the section describing "Software Installation" on page 10.

CAUTION

- **The Presenter-to-Go for Pocket PC/Palm Handhelds (Presenter-to-Go Ver.3) is nonwarranted, unprotected Free application and you may use this version (Ver.3) exclusively for an indefinite period.**
- **You need to buy this program separately from MARGI Systems, Inc. if you want user registration and customer support service.**

Access the follow in HP for more information on "Presenter-to-Go for Pocket PC/Palm".

URL <http://www.plus-vision.com/en/support/faq.html>

Using the Web-based Control Facility

The Web-based Control allows the user to control the projector and edit its network settings from a PC on the same LAN or other TCP/IP based network as the projector. A web browser such as Internet Explorer is used to remote-control the projector.

IMPORTANT

Set your web browser not to use a proxy server* (see your browser's Help for information on this setting).

* Proxy server is a server that sits between a client application, such as a web browser, and a real server. It intercepts all requests to the real server as a proxy to see if it can fulfill the requests itself.

Connect the Projector to Web Access

1. Launch the web browser, such as Internet Explorer, on your PC.

2. Enter IP address of the projector in the Address field of the browser.

Enter the projector's IP address exactly as shown in the Wireless Projector Network Setup window. Because of LAN connection between the projector and your PC, you need not to enter www. but enter the required IP address next to http://.

3. Open the top screen of the Projector Control page. (Support in English)

PROJECTOR CONTROL button

Click this button to remote-control the projector. (See the "Controlling the Projector" section on page 47.)

Projector Data

Information on the projector is shown here.
Projector Configuration...Configuration of the projector is shown here.

Wired LAN Configuration (Jump to linked page)

When clicked, it jumps to the Projector's Wired LAN Configuration Data page.

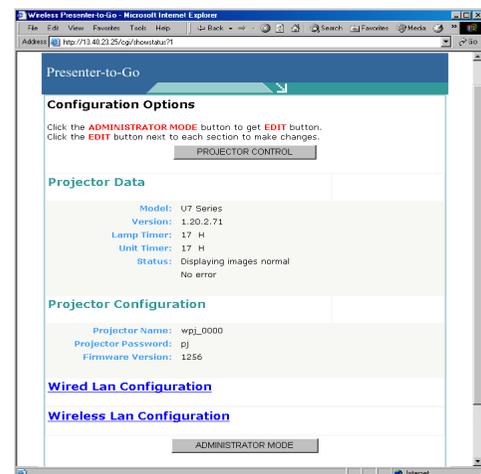
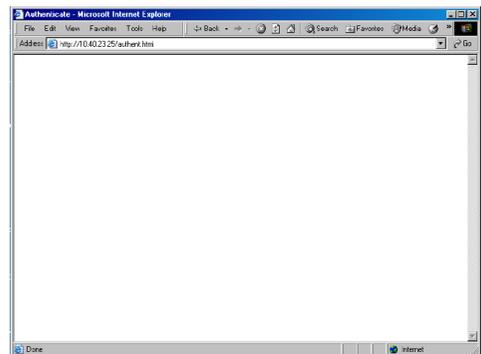
Wireless LAN Configuration (Jump to linked page)

When clicked, it jumps to the Projector's Wireless LAN Configuration Data page.

ADMINISTRATOR MODE button

When clicked, it jumps to the Administrator page.

- When clicked on the Projector Data page, it jumps to the Projector Administrator page. For more information, see the "How to Change the Projector Configuration" section on page 44.
- When clicked on the Wireless LAN Configuration Data page, it jumps to the Wireless LAN Administration page. For more information, see the "How to Change the Projector's Wireless LAN Settings" section on page 45.
- When clicked on the Wired LAN Configuration Data page, it jumps to the Wired LAN Administration page. For more information, see the "How to Change the Projector's Wired LAN Settings" section on page 46.



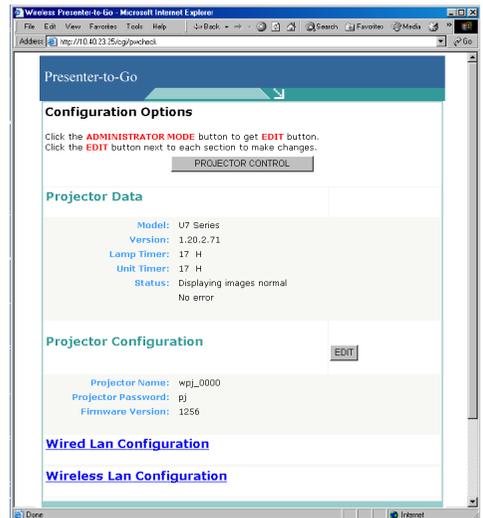
How to Change the Projector Configuration

1. Click the ADMINISTRATOR MODE button on the Projector Data page. The Administrator Login page opens.

- Enter the administrator password (default password: 'anaconda'), and then click SUBMIT. The ADMINISTRATOR MODE window appears.
- In the ADMINISTRATOR MODE, the EDIT button is shown on each page.

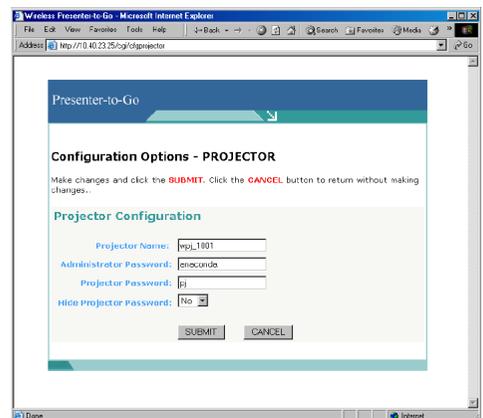


2. Click on the EDIT button to open the edit window (Configuration Options).



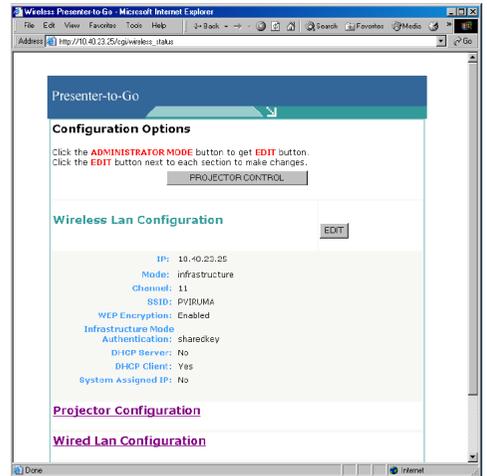
3. Change password and any other items on this page as required.

- Enter necessary changes directly or select an appropriate option from each individual pull-down menu.
- Click on the SUBMIT button to set up the entered changes and return to the previous page.
- Click on the CANCEL button to cancel the entered changes and return to the previous page.



How to Change the Projector's Wireless LAN Settings

1. Click the EDIT button on the Projector's Wireless LAN Configuration Data page to show the Configuration Options - Wireless page.



2. Enter necessary changes on this page.

Enter necessary changes directly or select an appropriate option from each individual pull-down menu.

Click on the SUBMIT button to set up the entered changes and return to the previous page.

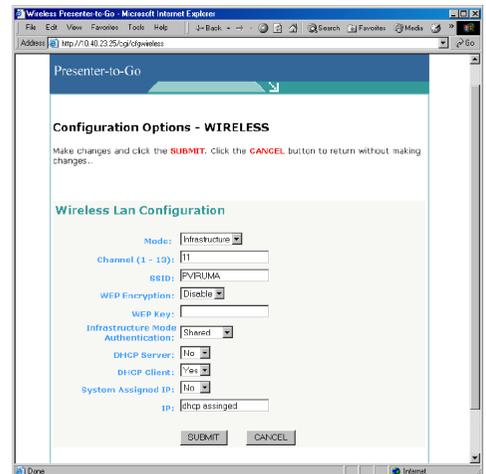
Click on the CANCEL button to cancel the entered changes and return to the previous page.

- Check the current settings on the Wireless Projector Network Setup window.

To ensure the setup of the entered changes, exit Internet Explorer once and then reopen this window.

- Change of settings will disconnect the network connection. After changed settings, reopen the browser and access to the IP address shown on the projector OSD.

- Note that you cannot configure network settings on the projector while a network presentation is being carried out.



How to Change the Projector's Wired LAN settings

1. Click the EDIT button on the Projector's Wired LAN Configuration Data page to show the Configuration Options - Wired page.



2. Enter necessary changes on this page.

Enter necessary changes directly or select an appropriate option from each individual pull-down menu.

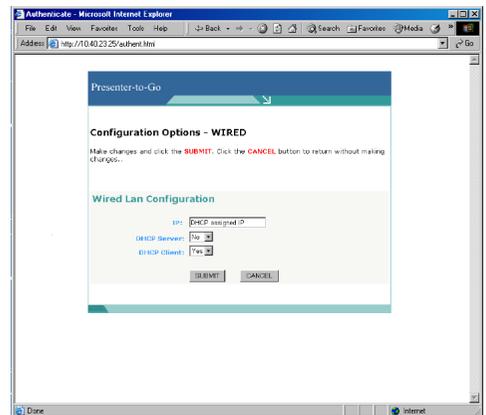
Click on the SUBMIT button to set up the entered changes and return to the previous page.

Click on the CANCEL button to cancel the entered changes and return to the previous page.

- Check the current settings on the Wired Projector Network Setup window.

To ensure the setup of the entered changes, exit Internet Explorer once and then reopen this window.

- Change of settings will disconnect the network connection. After changed settings, reopen the browser and access to the IP address shown on the projector OSD.



Control the Projector

You can control the projector via web server using various buttons provided in the **PROJECTOR CONTROL** page.

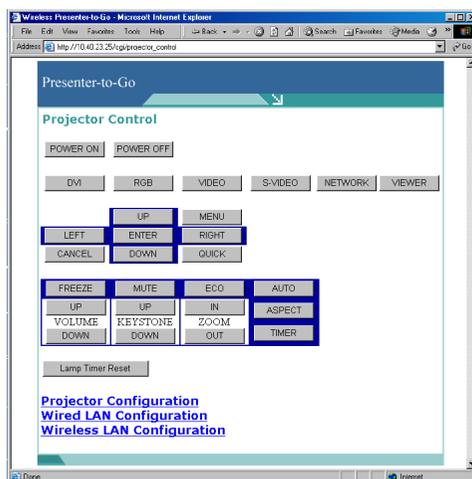


Table of Projector Control Buttons

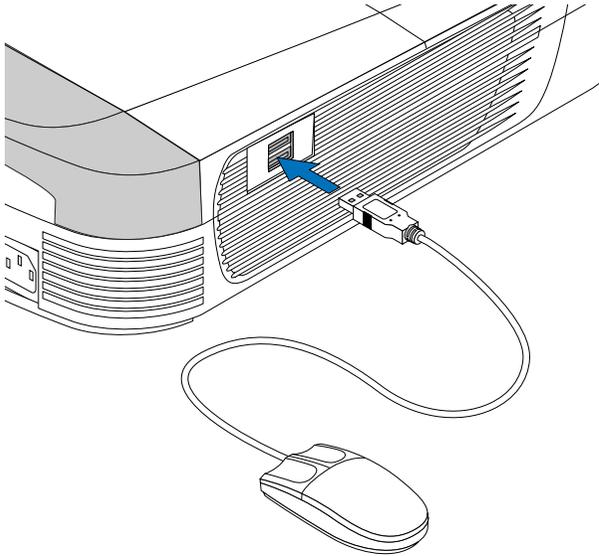
| | |
|----------------------|--|
| [POWER ON] | Turns the projector power on. |
| [POWER OFF] | Turns the projector power off. |
| [DVI] | Switches to DVI input mode. |
| [RGB] | Switches to RGB input mode. |
| [VIDEO] | Switches to video input mode. |
| [S-VIDEO] | Switches to S-video input mode. |
| [Network] | Switches to network input mode. |
| [VIEWER] | Switches to Viewer input mode. |
| [MENU] | Opens/closes various menus. |
| [QUICK] | Used to display/exit quick menus. |
| [ENTER] | Sets up the entered menu item data definitely. |
| [CANCEL] | Used to return to the menu selection window and close menu windows (incl. submenus). |
| [UP] | Moves the cursor up. |
| [DOWN] | Moves the cursor down. |
| [LEFT] | Moves the cursor to left. |
| [RIGHT] | Moves the cursor to right. |
| [FREEZE] | Freezes animation. |
| [MUTE] | Temporarily mutes voice and images. |
| [ECO] | Selects lamp mode. |
| [AUTO] | Automatically adjusts analog RGB video signal images. |
| [ASPECT] | Selects aspect ratio of the screen. |
| [TIMER] | Displays the set timer. |
| VOLUME [UP] [DOWN] | Adjusts sound level of the built-in speaker. |
| KEYSTONE [UP] [DOWN] | Makes trapezoidal correction of the screen. |
| ZOOM [IN] [OUT] | Digital zoom in/out of images. |
| [Lamp Timer Reset] | Resets lamp time. |

How to Use the USB Mouse

You can operate the Image Viewer or set the projector's Network settings, and can control your PC on the Network once after connecting the USB mouse available in the market to the projector.

■ Connecting the USB Mouse

Insert the USB mouse available in the market to the USB port of the projector.



IMPORTANT

- Ensure to insert the cable.
- When it gets necessary to re-insert the USB cable after pulling it out, do not insert it for 5 seconds or more. In addition, DO NOT repeat simultaneous pulling/inserting. The USB mouse may not be recognized.
- Any of the USB mouse may not be compatible with our projectors.

■ Mouse Function in Each Projector's Mode

The mouse can be handled when the input selection is in "Network" mode or "Viewer."

| Status of projector | | Mouse button action | | |
|---------------------|---|--|---|--------------------|
| Input | Mode | Left click | Right click | Simultaneous click |
| Network | Wireless Projector screen | Setting item selection Key selection of software keyboard | | |
| | Network Presentation (when "Projector Remote Control" on the projector control screen is valid) | Normal PC operation | Normal PC operation | |
| Viewer | Image Viewer screen | Selection of folder/file | Switching from group image to slide list screen | |
| | | Start of slide | | |
| | Switching from group image to slide list screen | | | |
| | Presentation | Sending of slide images | Returning of slide images | Stopping of slides |

Specifications

■ Wireless LAN Card

| | |
|----------------------|-----------------------------------|
| Model | XI-835 |
| Interface | Compact Flash Type I |
| Number of channels | 1-13 ch |
| Transfer rate | 1/2/5.5/11Mbps |
| Frequency band | 2.4 GHz |
| Antenna type | PIFA |
| Modulation method | CCK(11Mbps,5.5Mbps) |
| | DQPSK(2Mbps) |
| | DBPSK(1Mbps) |
| Power consumption | Max. 1.15 W |
| Security | 64/128bit WEP |
| Supporting standards | IEEE802.11b, ARIB STD-33A/STD-T66 |

■ USB Interface Standard

| | |
|---------------|---|
| USB interface | Conforming to USB1.1 standard The baud rate of USB1.1 is 12Mbps or lower when the USB2.0 device is connected to. Note: This USB interface is not compatible with USB hub. |
|---------------|---|

TROUBLESHOOTING

| Problem | Corrective Action |
|---|--|
| Error message at start of presentations | This problem occurs when the Wireless Presenter-to-Go is not set as the secondary monitor although the Use Projector as Extended Desktop check box is checked. To solve it, use only the primary monitor and connect the desktop directly to the projector at a resolution of 1024×768. |
| No presentations given on the projector | Check that PC Card is selected as data source for the projector (this is a fundamental requirement to display images from a CF memory card). The following are requirements for presentations on the projector via Wireless Presenter-to-Go. Check: <ul style="list-style-type: none">· that data source for the projector is set to Viewer;· that network settings both on the projector and on your PC have been properly made; and· that the Wireless Presenter-to-Go utility is enabled and connected to a projector on a network assigned with IP address. |

Image Viewer and Web-based Control Q&A is available on our website. Please visit us at:

URL <http://www.plus-vision.com/en/support/faq.html>

GLOSSARY

CF memory card

A removable mass storage device that can hold its data when the computer is turned off, is called 'flash memory.' A CF (CompactFlash) memory card integrates this memory and an I/O circuit.

DHCP (Dynamic Host Configuration Protocol)

Protocol to assign dynamic IP addresses automatically to devices on a network.

IEEE802.11

The wireless LAN standard established by the IEEE802.11 Commission of the Institute of Electrical & Electronics Engineers, Inc. (IEEE), U.S.A. and approved by ISO as an international standard.

IP address

A numeric address assigned to a computer (its network part) supporting the Internet Protocol (IP). An IP address is necessary to identify each sender or receiver of information that is sent across the Internet.

TCP/IP (Transmission Control Protocol/Internet Protocol)

This is the basic communication protocol or control system of the Internet that is used to ensure sending/receiving of information over the Internet. A TCP header is added to the data (a message or file) in IP packets, to which MAC frame is further added, that are transmitted over the Internet and received by a TCP layer that reassembles the packets into the original message, following the same process in reverse.

USB (Universal Serial Bus)

One of serial interface standards to connect with your PC peripheral devices such as keyboard, mouse, memory, printer. Whenever you connect the device with the PC through the USB connector without turning off the PC, you can operate it at once (plug-and-play).

WEP (Wired Equivalent Privacy)

WEP is a security protocol, specified in the IEEE Wireless LAN standard, 802.11, that uses data encryption. WEP protects data being transmitted by radio waves from tapping or tampering by third parties even if they are intercepted. It also prevents illegal access and break-ins.

Encryption

Encryption is the translation of data into a secret code according to a certain determined rule (cryptography) so it is unreadable by unauthorized users. The process of decoding encrypted data is called decryption.

If a cryptographic system is in public, everybody can read the data encrypted using that system. In order to prevent such a situation, the rule must be changed each time of encryption. A cryptographic key is used for this purpose. You cannot encrypt data and decrypt or decode encrypted data without a cryptographic key.

There are two encryption systems: public key encryption and shared key encryption.

Ad-hoc Mode

An ad-hoc network is an isolated, special network (LAN) in which data are transmitted directly among two or three wireless LAN devices. Contrary to this is a peer-to-peer network mode in which communications are made on a one-to-one basis.

Infrastructure Mode

This is a network mode in which data are transmitted between devices, such as PCs, connected to a LAN (Local Area Network) via wireless LAN access point.

Channel

Each of the radio frequency band that is divided into 14 or 11 for service to a wireless LAN.

Wireless LAN

A local area network (LAN) that uses radio waves instead of the cable of a wired LAN. A wireless local area networking is comprised of a "wireless LAN card" that is loaded to each of component PCs and a "wireless LAN access point" that is the other end of data communications.

Using the Web-based Control Facility

Wireless LAN access point

This is a device that “connects” wireless communication devices together to create a wireless local area network (LAN), and corresponds to the hub of a wired LAN. Each individual access point is identified with an identifier (name) called SSID, which is used by a device to specify a particular access point.

Wired LAN (Local Area Network)

This is a network system where plural general-purpose computers, PCs, large-capacity storage devices, and printers are connected with each other in a limited area through an Ethernet cable and large-capacity data are interacted at a high speed.

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