

Notice



CORRECTION

PRODUCTION CHANGE

SERVICE FLASH

ADD INFORMATION

FILE NO.

REVISION-2

Please add this notice to the Service Manual listed below.

Category : Multi-media Projector

Issued Date :

June / 2008

Model : PLC-XU115

Effective from :

Chassis No. KF3-XU11500

Destination : Canada, U.S./Europe,
Asia, U.K.

REF. NO. :

SM5110954

NOTE: Match the Chassis No. on the unit's back cover with the Chassis No. in the Service Manual.

If the Chassis. No. does not match the unit's, additional Service Literature is required. Only the difference service information is given in this manual. For detailed service information, refer to the service manual original SM5110954-00 issued in April 2008 for Model PLC-XU115.

This notice is to add the information of the network easy setup function by using the SD memory card. See next page for the details.

FILE WITH ORIGINAL SERVICE MANUAL (SM5110954)

PRODUCT CODE

1 122 386 00 (KF3AC)

1 122 387 00 (LF3AC)

1 122 387 02 (LF3CC)

REFERENCE NO. SM5110954-02

Network Easy Setup Function

Network Easy Setup function by using the SD memory card

1. Outline

This projector provides a function to setup the network automatically by reading the network setting file (PJ_Network.ini) stored in the top directory of the SD memory card. By using the function, network setup can be done easily.

Setting Procedure

1. Create the network setting file (PJ_Network.ini) with your computer's text editor software. Refer to the item "2. Function details" below for the format and contents of the network setting file.
2. Put the network setting file into the top directory of the SD memory card.
3. Insert the SD memory card into the projector's card slot.
4. Turn the projector on. The projector loads the setting file information in the SD memory card and applies them to own network setting.

Setting items

Used LAN No......Used LAN No. is specified. Projector is forced to select the LAN No. specified with this item while the SD memory card is installed.

LAN Setting Items.....Network settings are specified. The available items are shown in the table below.

		LAN No.					
		LAN1	LAN2	LAN3	LAN4	LAN5	LAN6
Setting items	Type	✓	✓	✓	✓	✓	--
	IP address	✓	✓	✓	✓	✓	--
	Subnet mask	✓	✓	✓	✓	✓	--
	Gateway	✓	✓	✓	✓	✓	--
	DNS server	✓	✓	✓	✓	✓	✓
	Wireless type	--	--	--	✓	✓	--
	Channel No.	--	--	--	✓	✓	--
	WEP key index	--	--	--	✓	✓	--
	Key code	--	--	--	✓	✓	--
	Security	--	--	--	✓	✓	--
	Mode	--	--	--	✓	✓	--
	SSID	--	--	--	✓	✓	--
	WEP key	--	--	--	✓	✓	--
	PSK(TKIP) key	--	--	--	✓	✓	--
	PSK(AES) key	--	--	--	✓	✓	--

* LAN1 to LAN3 are for the wired LAN settings. LAN4 to LAN6 are for the wireless settings. LAN6 can be setup only the DNS server address because it is for the wireless simple setting.

2. Function details

2-1 Format of setting file

Format of setting file is specified as follows;

[Setting object] + ":" + [item] + [tab] + [item] + [tab] + [item] + [tab] + [item] + [tab] +

* Number of setting items and types are depending on the [Setting object].

2-1-1 Used LAN No.

Used LAN No. is specified.

Setting Object		LANNO
Item type	LAN No.	1 to 6

* If out of range value is specified, the setting is invalid.

2-1-2 Basic Network Setting

Basic network setting is specified.

Setting Object		LAN1 LAN2 LAN3 LAN4 LAN5 LAN6
Item types (5 items)	Type	MANUAL DHCP
	IP address	nnn.nnn.nnn.nnn format
	Subnet mask	nnn.nnn.nnn.nnn format
	Gateway	nnn.nnn.nnn.nnn format
	DNS server	nnn.nnn.nnn.nnn format

* If the "DHCP" for type is used, IP address, Subnet mask, Gateway, DNS server items are invalid.

* If each address is not delimited by dot, the settings are invalid.

2-1-3 Wireless LAN Setting

Wireless LAN setting is specified.

Setting Object		WIRELESS4 WIRELESS5
Item types (9 items)	Wireless type	802.11b/g 802.11b
	Channel No.	1 to 11
	WEP key index	1 to 4
	Key code	ASCII HEX
	Wireless security	DISABLE WEP64 WEP128 SHARED-WEP64 SHARED-WEP128 TKIP AES
	Mode	ADHOC Infrastructure
	SSID	up to 32 characters
	PSK(TKIP) key	ASCII 2 to 63 characters
	PKIP(AES) key	HEX 64 characters

2-1-4 Wireless LAN (WEP key) Setting

WEP key of Wireless LAN are specified.

Setting Object		WIRELESS4-WEP WIRELESS5-WEP	
		WEP64 / SHARED-WEP64	WEP128 / SHARED-WEP128
Item types (4 items)	WEP key (1)	5 characters for ASCII 10 characters for HEX	13 characters for ASCII 26 characters for HEX
	WEP key (2)		
	WEP key (3)		
	WEP key (4)		

2-1-5 Notes

If you do not want to change the current setting values, use blank for those setting. As the items, SSID, PSK(TKIP) key and PSK(AES) key are character type data, if those keys are blanks, the blank keys are applied. The items, PSK(TKIP) key, PSK(AES) key and WEP key must be used with the specified character code and number of characters. If the number of character is less than specified, the setting will be invalid. If the number of character is more than specified, the key is setup with the valid number of characters and setting is valid.

3. Creating the Setting Data

Write the following information with the text editor software. Save it with the name of "PJ_Network.ini" into top directory of the SD memory card. Each item must be delimited by tab. See the item "2-1 Format of setting file" for the details.

Example of setting file

```

LANNO:1
LAN1:MANUAL 192.168.1.101 255.255.255.0 192.168.1.1 192.168.100.1
LAN2:MANUAL 192.168.1.102 255.255.255.0 192.168.1.1 192.168.100.1
LAN3:DHCP
LAN4:DHCP
WIRELESS4:802.11B/G 11 4 ASCII WEP128 Infrastructure PJ-WIRELESS4
1234567890abCDefGH abCDefGH1234567890
WIRELESS4-WEP:abCDefGH12345 abCDefGH67890 12345abCDefGH 67890abCDefGH
WIRELESS5-WEP:1234567890abcdef1234567890 abcdef12345678901234567890

```

ASCII key characters : Space - 0 to 9 A to Z a to z ! " # \$ % & ' () * + , . / : ; < = > ? @ [¥] ^ _ ` { | } ~
 HEX key characters : 0 to 9 a to f

Description

Describe "Example of setting file" as below;

Used LAN No.

Setting Object	LAN No.
LANNO	1

LAN1 is specified for used LAN No. If the projector provides the SD memory card, LAN1 is selected forcibly. If this item is not specified, this function is disable.

Basic Network Setting

Setting Object	Type	IP address	Subnet mask	Gateway	DNS server
LAN1	MANUAL	192.168.1.101	255.255.255.0	192.168.1.1	192.168.100.1
LAN2	MANUAL	192.168.1.102	255.255.255.0	192.168.1.1	192.168.100.1
LAN3	DHCP				
LAN4	DHCP				

Basic network settings for LAN1 to LAN4 are specified, not specified for LAN5.

Wireless LAN Setting

Setting Object	Wireless type	Channel No.	WEP Key Index	Key Code	Security	Mode	SSID
WIRELESS4	802.11B/G	11	4	ASCII	WEP128	Infrastructure	PJ-WIRELESS4

PSK(TKIP) Value	PSK(AES) Value
1234567890abCDefGH	abCDefGH1234567890

Wireless LAN setting for LAN4 is specified.

As the "4" is specified for WEP key index, the 4th key of Wireless LAN Setting (WEP key) described below is used.

As the "ASCII" is specified for key code, the character code must be used with ASCII.

As the "WEP128" is specified for wireless security, the key of WEP must be specified with ASCII 13 characters.

It can be specified for PSK(TKIP) and PSK(AES) keys at the same time.

Wireless LAN Setting (WEP key)

Setting Object	WEP key (1)	WEP key (2)	WEP key (3)	WEP key (4)
WIRELESS4-WEP	abCDefGH12345	abCDefGH67890	12345abCDefGH	67890abCDefGH

WEP keys for wireless LAN4 are specified.

As the "WEP128" is specified for wireless security, the key of WEP must be specified with ASCII 13 characters.

Setting Object	WEP key (1)	WEP key (2)	WEP key (3)	WEP key (4)
WIRELESS5-WEP	1234567890abcdef1234567890	abcdef12345678901234567890		

WEP keys for wireless LAN5 are specified.

This example shows only the Wireless LAN Setting (WEP key) for LAN5 is specified with HEX 26 characters.

