



Sanyo PLC-WXU300 - 2500 Lumens Manual

Basic serial command specifications

1
Table Of Contents
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17

18
19
20
21
22
23



•

[Table of Contents](#)

•

Bookmarks

Quick Links

[Download this manual](#) See also: [Owner's Manual](#), [Manual](#)



BASIC SERIAL COMMAND SPECIFICATIONS

PLC-WXU300

Ver.1.00

SANYO Electric Co., Ltd

DS Company

Projector Division

Table of Contents

[Next Page](#)

1
2
3
4
5

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Summary of Contents for Sanyo PLC-WXU300 - 2500 Lumens

[Page 1](#) BASIC SERIAL COMMAND SPECIFICATIONS PLC-WXU300 Ver.1.00 SANYO Electric Co., Ltd DS Company Projector Division...

[Page 2: Table Of Contents](#)

PLC-WXU300 Basic Serial Command Specifications	CONTENTS	Overview	.....4
Serial Interface Specifications	.....4	2.1. Transfer Specifications	.....4
2.2. Connection	.....4	Notes for Communication	.....5
Functional Execution Command Table	.....6	Status Read Command Table	.....8
Functional Execution Command	.....9	6.1. Format	.....9
		6.2.	

[Page 3](#) PLC-WXU300 Basic Serial Command Specifications 6.32. BRIGHTNESS + Command 15 6.33. BRIGHTNESS - Command 15 6.34. IMAGE (Toggle) Command..... 16 6.35. ON START Setting Command16 6.36. ON START Cancel Command16 6.37. Power Management Ready Command 16 6.38.

[Page 4: Overview](#)

PLC-WXU300 Basic Serial Command Specifications 1. Overview 1.1. These specifications define projector control commands for PLC-WXU300. 1.2. The projector control commands are used to remotely control a projector through RS-232C from a computer. 2. Serial Interface Specifications 2.1. Transfer Specifications Item Specifications Synchronous system...

[Page 5: Notes For Communication](#)

PLC-WXU300 Basic Serial Command Specifications Notes for Communication The projector control command is defined as one command/one line that starts with "C" and ends with carriage return (0x0D). There are two types of Commands: Functional Execution Commands and Status Read Commands.

[Page 6: Functional Execution Command Table](#)

PLC-WXU300 Basic Serial Command Specifications Functional Execution Command Table Command Item Command Item POWER ON BRIGHTNESS + POWER OFF BRIGHTNESS - Quick Power OFF HDMI Computer 1 Computer 2 Video IMAGE (Toggle) ...

[Page 7](#) PLC-WXU300 Basic Serial Command Specifications Command Item Command Item FREEZE ON FREEZE OFF Auto PC ADJ. PRESENTATION TIMER ...

[Page 8: Status Read Command Table](#)

PLC-WXU300 Basic Serial Command Specifications Status Read Command Table Command Item Memo Status Read Input Mode Read (Corresponding) Lamp Time Read Setting Read Temp Read Lamp Mode Read means no function. 8/23...

[Page 9: Functional Execution Command](#)

PLC-WXU300 Basic Serial Command Specifications Functional Execution Command 6.1. Format 6.1.1 PC issues a command in format as below. "C" COMMAND [CR] Command: two characters (See Basic Functional Execution Command Table) A projector changes received data to decode and returns a result after being ready to receive next command.

[Page 10: Operation Requirements](#)

PLC-WXU300 Basic Serial Command Specifications 6.4. Operation Requirements 1)When the projector's status is any of below, Functional Execution Commands are limited. Projector Status Available Functional Execution Commands Standby Mode C00 POWER ON C00 POWER ON → Countdown is terminated Countdown in process C01...

[Page 11: Power On Command](#)

PLC-WXU300 Basic Serial Command Specifications 6.5. POWER ON Command Command "C00" [CR] Power ON When already Power is ON, nothing is done. Detail When sending this command during processing Countdown, Countdown is terminated. Acceptable [ACK] [CR] Response Unacceptable "y" [CR] 6.6.

[Page 12: Computer 2 Command](#)

PLC-WXU300 Basic Serial Command Specifications 6.10. Computer 2 Command Command "C06" [CR] Select Computer2 Input Detail Although projector returns "OK", Input search is not executed with this command while Input search is set to On1/On2.. Acceptable [ACK] [CR] Response Unacceptable "y"...

[Page 13: Audio Mute Off Command](#)

PLC-WXU300 Basic Serial Command Specifications 6.15. AUDIO MUTE OFF Command Command "C0C" [CR] Sound Mute OFF. Detail This command works the same way as "MUTE" button of the

remote control for Mute OFF, but does not work for Mute ON. Acceptable [ACK] [CR] Response...

[Page 14: Image Real Command](#)

PLC-WXU300 Basic Serial Command Specifications 6.21. Image Real Command Command "C12" [CR] Detail Set image to Real mode. Acceptable [ACK] [CR] Response Unacceptable "ÿ" [CR] 6.22. Image Cinema Command Command "C13" [CR] Detail Set image to Cinema mode. Acceptable [ACK] [CR] Response Unacceptable "ÿ..."

[Page 15: Image Dynamic Command](#)

PLC-WXU300 Basic Serial Command Specifications 6.28. Image Dynamic Command Command "C19" [CR] Detail Set image to Dynamic mode. Acceptable [ACK] [CR] Response Unacceptable "ÿ" [CR] 6.29. MENU ON Command Command "C1C" [CR] Detail Display On-Screen Display Menu. Acceptable [ACK] [CR] Response Unacceptable "ÿ..."

[Page 16: Image \(Toggle\) Command](#)

PLC-WXU300 Basic Serial Command Specifications 6.34. IMAGE (Toggle) Command Command "C27" [CR] Switch Image Setting status. Detail This command works the same way as "IMAGE" button of the remote control. Acceptable [ACK] [CR] Response Unacceptable "ÿ" [CR] 6.35. ON START Setting Command Command "C28"...

[Page 17: D.zoom + Command](#)

PLC-WXU300 Basic Serial Command Specifications 6.40. D.ZOOM + Command Command "C30" [CR] Enter Digital Zoom mode and expand image size. Detail This command works the same way as "D.ZOOM ▲" button of the remote control. Acceptable [ACK] [CR] Response Unacceptable "ÿ..."

[Page 18: Pointer Up Command](#)

PLC-WXU300 Basic Serial Command Specifications 6.46. POINTER UP Command Command "C3C" [CR] Move up the Pointer of On-Screen Display Menu. Detail This command works the same way as the pointer "▲" of the projector. Acceptable [ACK] [CR] Response Unacceptable "ÿ" [CR] 6.47.

[Page 19: Computer 1 Rgb \(Scart\) Command](#)

PLC-WXU300 Basic Serial Command Specifications 6.52. Computer 1 RGB (SCART) Command Command "C51" [CR] Select Scart input in Computer1. Detail Although projector returns "OK", Input search is not executed with this command while Input search is set to On1/On2.. Acceptable [ACK] [CR] Response Unacceptable "ÿ..."

[Page 20: Status Read Command](#)

PLC-WXU300 Basic Serial Command Specifications 7. Status Read Command 7.1. Format 7.1.1. PC issues commands in format as below; "CR" Command [CR] Commandÿ 1 characterÿ See Basic Status Read Command Tableÿ 7.1.2. When a projector receives the appropriate command, it returns a character line as the required data.

[Page 21](#) PLC-WXU300 Basic Serial Command Specifications [Details of Response] "00" [CR] Status : Power ON Normal image is on the screen. "80" [CR] Status: Standby When the status is Standby, Status Read Commands are always acceptable, but Functional Execution Commands are not acceptable except POWER ON Command. "40"...

[Page 22: Input Mode Read Command](#)

PLC-WXU300 Basic Serial Command Specifications information of temperature anomaly is canceled and normal operation is executed. "24" [CR] Status: Processing Power Save / Cooling Down Power management function in Setting menu works and the status goes to Power Save / Cooling Down. During this time, Functional Execution Commands are invalid (not executed).

[Page 23: Lamp Time Read Command](#)

PLC-WXU300 Basic Serial Command Specifications 7.6. Lamp Time Read Command Command "CR3" [CR] Get the total lamp running hours (Not actual lamp used hour, but Eco mode Detail corresponding value). Acceptable "%1" [CR] Shows the time period with 5 digits numbers. Response Exampleÿ...

This manual is also suitable for:

Plc-wxu300