

Projector Control Command Reference Manual

Introduction

This manual describes the commands used to control an NEC-made projector from a PC or other external device. A projector can be controlled by exchanging commands with an external device connected via a serial port or network. The manual assumes basic knowledge of projectors. For information about the functions of the model in use and how to adjust the device, see the operation manual of the projector .For information about the connection between the projector and an external device, see "1 Connecting an External Device" (page 5). Connect an external device as appropriate for the usage environment of the projector.

Models for which the control commands are available

See the Appendix "Connecting an External Device".

Conventions

For information about how commands and responses are expressed in this manual, see "2.1 Understanding command details" (page 10).

NOTES

- The acts of disclosure, duplication, and modification of part or whole contents in this reference manual without permission are prohibited.
- 2. The contents of this reference manual are subject to change without notice.
- 3. Great care has been taken in the preparation of this reference manual; however, should you notice any questionable points, errors or omissions, please contact us.
- 4. Notwithstanding article 3. NEC will not be responsible for any claims on loss of profit or other matters deemed to result from using this reference manual.

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1. Connecting an External Device

This chapter describes how to connect the projector to an external device and communication conditions.

1.1 Connection interface

The projector can be connected to a PC or other external device using the methods mentioned below.

For information about the connection method supported by the model in use, see the Appendix "Connecting an External Device".

- · Connection using a serial port
- · Connection via a network

Connection using a serial port

This method connects a PC and the projector using a serial cable (cross cable).

Connect the serial cable to the PC CONTROL port of the projector. The pin assignment of the serial cable is shown below.

<Connection between the PC CONTROL port (D-SUB 9P) and external device>

Pin number	Projector	External device	
1	(Not used)	(Not used)	
2	RxD	TxD	
3	TxD	RxD	
4	(Not used)	(Not used)	
5	GND	GND	
6	(Not used)	(Not used)	
7	RTS	CTS	
8	CTS	RTS	
9	(Not used)	(Not used)	

Connection via a network

Information

- · Before connecting an external device via a network, check with the network administrator.
- · Some models cannot receive commands in standby mode. See Appendix "Standby Mode setting for receiving commands".

▶ Connection using a wired LAN

This method connects a PC and the projector using a LAN cable. For information about the type of LAN cable to be used (straight or cross), contact the network administrator. The pin assignment of the LAN port is shown below.

<LAN port (RJ-45 8-pin connector)>

Pin number	Function	Description
1	TD+	Transmit Data (+)
2	TD-	Transmit Data (-)
3	RD+	Receive Data (+)
4	_	Not used
5	_	Not used
6	RD-	Receive Data (-)
7	_	Not used
8	_	Not used

▶ Connection using a wireless LAN

This method connects a PC via a wireless LAN by connecting a wireless LAN unit to the projector. For information about the available wireless LAN units, see the operation manual of the model in use.

1.2 Communication conditions

For information about the connection methods available for the model in use, see the Appendix "Connecting an External Device".

Serial connection

The RS-232C-compliant communication method is supported. Specify the communication settings of the software used to send and receive commands, as shown below.

Item	Detail
Baud rate	115200/38400/19200/9600/4800 bps
Data length	8 bits
Parity bit	None
Stop bit	1 bit
Communication mode	Full duplex

LAN connection

▶ Wired LAN

Item	Detail	
Data rate	Auto switchable (10/100 Mbps)	
Supported standard	IEEE802.3 (10BASE-T)	
	IEEE802.3u (100BASE-TX, Auto-Negotiation)	

▶ Wireless LAN

See the operation manual of the wireless LAN unit to be used.

▶ Port number

Use TCP port number "7142" for sending and receiving commands.

2. Command List

15 15 15 15 15 15 15 15	Command	Description	Page to
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Disagraphic	009. ERROR STATUS REQUEST	Gets information about errors occurring in the projector.	13
17 17 17 17 17 17 17 17	015. POWER ON	Turns on the power of the projector.	15
020. PICTURE MUTE ON Turns the picture mute on. 19 021. PICTURE MUTE OFF Turns the picture mute off. 20 022. SOUND MUTE ON Turns the sound mute on. 21 023. SOUND MUTE OFF Turns the sound mute off. 22 024. ONSCREEN MUTE OFF Turns the onscreen mute on. 23 025. ONSCREEN MUTE OFF Turns the onscreen mute off. 24 030-1. PICTURE ADJUST Adjusts the picture. 25 030-1. PICTURE ADJUST Adjusts the sound volume. 27 030-12. ASPECT ADJUST Adjusts the sapect. 29 030-15. OTHER ADJUST Adjusts the various gains. 30 030-15. OTHER ADJUST Adjusts the various gains. 30 030-15. OTHER ADJUST Gets the information of the projector. 32 030-15. OTHER ADJUST Gets the information of the projector. 32 030-15. STUTER USAGE INFORMATION REQUEST Gets the information such as usage time. 33 037-3. FILTER USAGE INFORMATION REQUEST Gets the Carbon Saving values on the projector. 36 036-6. CARBON SAVINGS INFORMATION REQUEST Gets the key code for remote control. 38 </td <td>016. POWER OFF</td> <td>Turns off the power of the projector.</td> <td>16</td>	016. POWER OFF	Turns off the power of the projector.	16
021. PICTURE MUTE OFF Turns the picture mute off. 20 022. SOUND MUTE ON Turns the sound mute on. 21 023. SOUND MUTE OFF Turns the sound mute off. 22 024. ONSCREEN MUTE ON Turns the onscreen mute on. 23 025. ONSCREEN MUTE OFF Turns the onscreen mute off. 24 030-1. PICTURE ADJUST Adjusts the picture. 25 030-2. VOLUME ADJUST Adjusts the sound volume. 27 030-12. ASPECT ADJUST Adjusts the aspect. 29 030-15. OTHER ADJUST Adjusts the various gains. 30 037-16. INFORMATION REQUEST Gets the information of the projector. 32 037-3. FILTER USAGE INFORMATION REQUEST Gets the information such as usage time. 33 037-4. LAMP INFORMATION REQUEST Gets lamp information such as usage time and remaining life. 34 037-4. CARBON SAVINGS INFORMATION REQUEST Gets the Carbon Saving values on the projector. 36 050. REMOTE KEY CODE Sends the key code for remote control. 38 051. SHUTTER OPEN Opens the lens shutter. 40 052. SHUTTER OPEN Opens the lens position.	018. INPUT SW CHANGE	Switches the input terminal or entry list.	17
022. SOUND MUTE ON Turns the sound mute on. 21 023. SOUND MUTE OFF Turns the sound mute off. 22 024. ONSCREEN MUTE ON Turns the onscreen mute on. 23 025. ONSCREEN MUTE OFF Turns the onscreen mute off. 24 030-1. PICTURE ADJUST Adjusts the picture. 25 030-2. VOLUME ADJUST Adjusts the sound volume. 27 030-12. ASPECT ADJUST Adjusts the spect. 29 030-15. OTHER ADJUST Adjusts the various gains. 30 037. INFORMATION REQUEST Gets the information of the projector. 32 037-3. FILTER USAGE INFORMATION REQUEST Gets filter usage information such as usage time. 33 037-4. LAMP INFORMATION REQUEST 3 Gets lamp information such as usage time and remaining life. 34 037-6. CARBON SAVINGS INFORMATION REQUEST Gets the Carbon Saving values on the projector. 36 050. REMOTE KEY CODE Sends the key code for remote control. 38 051. SHUTTER OPEN Opens the lens shutter. 40 052. SHUTTER OPEN Opens the lens shutter. 41 053. LENS CONTROL Adjusts the lens position.	020. PICTURE MUTE ON	Turns the picture mute on.	19
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053-11. LENS PROFILE REQUEST Gets the selected profile number of the reference lens memory. 57	053-7. LENS INFORMATION REQUEST	Gets information about the lens of the projector.	55
memory.	053-10. LENS PROFILE SET	Selects the profile number of the reference lens memory.	56
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	060-1. GAIN PARAMETER REQUEST 3	Gets adjusted values of the picture, volume, and backlight.	58

Command	Description	Page to
		see
078-1. SETTING REQUEST	Gets information of the projector.	60
078-2. RUNNING STATUS REQUEST	Gets the information about the operation status of the projector.	61
078-3. INPUT STATUS REQUEST	Gets the information about the input signal status of the projector.	62
078-4. MUTE STATUS REQUEST	Gets the mute status of the projector.	64
078-5. MODEL NAME REQUEST	Gets the model name of the projector.	66
078-6. COVER STATUS REQUEST	Gets the status of the mirror cover or lens cover.	67
079. FREEZE CONTROL	Controls whether to turn the freeze function on or off.	68
084. INFORMATION STRING REQUEST	Gets information strings (English) displayed on the projector.	69
097-8. ECO MODE REQUEST	Gets the value set for the eco mode.	70
097-45. LAN PROJECTOR NAME REQUEST	Gets the projector name.	71
097-155. LAN MAC ADDRESS STATUS REQUEST2	Gets the MAC address of the projector.	72
097-198. PIP/PICTURE BY PICTURE REQUEST	Gets the value set for the picture in picture and picture by picture.	73
097-243-1. EDGE BLENDING MODE REQUEST	Gets the value set for the edge blending.	75
098-8. ECO MODE SET	Sets the eco mode.	76
098-45. LAN PROJECTOR NAME SET	Sets the projector name.	77
098-198. PIP/PICTURE BY PICTURE SET	Sets the picture in picture or picture by picture.	78
098-243-1. EDGE BLENDING MODE SET	Sets the edge blending.	80
305-1. BASE MODEL TYPE REQUEST	Gets the base model type of the projector.	81
305-2. SERIAL NUMBER REQUEST	Gets the serial number of the projector.	82
305-3. BASIC INFORMATION REQUEST	Gets the operation status of the projector.	83
319-10. AUDIO SELECT SET	Sets the audio select.	85

2.1 Understanding command details

In this manual, commands and responses are expressed as follows.

Command/response	A series of strings enclosed in a frame represents a command or response (in hexadecimal notation).
Parameter	A character string in italic enclosed in brackets represents a parameter. For information about the parameters that are common to the control commands (ID1, ID2, CKS, LEN, ERR1, and ERR2), see "2.2 Parameters" (page 10). For information about those parameters whose content varies from command to command (DATA), see the description of the relevant command.

2.2 Parameters

The parameters that are used in the control commands are listed below.

Parameter name		Description		
ID1	Control ID	The value of the "control ID" set for the projector is used.		
ID2	Model code	This varies depending on the model in use.		
скѕ	Checksum	The checksum is calculated as follows. ① Add all preceding bytes of data. ② Use the value of the low-order one byte (eight bits) of the addition result obtained in ① as the checksum.		
LEN	Data length	This indicates the data length of the data part (DATA??) following LEN (in bytes).		
DATA??	Variable length data	This varies depending on the character string stored.		
ERR1 ERR2	Response error	The cause of an error is represented by a combination of error codes. For information about error codes, see "2.4 Error code list" (page 12).		

Example of checksum calculation

20h 81h 01h 60h 01h 00h < CKS>

① Add all the data preceding the checksum.

$$"20h + 81h + 01h + 60h + 01h + 00h = 103h"$$

2.3 Responses

After a command is sent to the projector, its result is returned as a response. How a response is returned differs depending on the execution result of the command.

When the execution of a command succeeds

When the command does not request data, a response is returned with no data part.

When the command requests data, a response is returned with data added to data parts.

When the execution of a command fails

A response is returned with the cause of the failed command execution indicated in <ERR1> and <ERR2>.

(Example) POWER ON

▶ Command

02h 00h 00h 00h 00h 02h

▶ Response

A2h 00h <*ID1*> <*ID2*> 02h <*ERR1*> <*ERR2*> <*CKS*>

2.4 Error code list

The following table lists the combinations of error codes (ERR1 and ERR2) and describes the error indicated by each combination.

ERR1	ERR2	Error description	
00h	00h	The command cannot be recognized.	
00h	01h	The command is not supported by the model in use.	
01h	00h	The specified value is invalid.	
01h	01h	The specified input terminal is invalid.	
01h	02h	The specified language is invalid.	
02h	00h	Memory allocation error	
02h	02h	Memory in use	
02h	03h	The specified value cannot be set.	
02h	04h	Forced onscreen mute on	
02h	06h	Viewer error	
02h	07h	No signal	
02h	08h	A test pattern or filer is displayed.	
02h	09h	No PC card is inserted.	
02h	0Ah	Memory operation error	
02h	0Ch	An entry list is displayed.	
02h	0Dh	The command cannot be accepted because the power is off.	
02h	0Eh	The command execution failed.	
02h	0Fh	There is no authority necessary for the operation.	
03h	00h	The specified gain number is incorrect.	
03h	01h	The specified gain is invalid.	
03h	02h	Adjustment failed.	

3. Command details

3.1 [009. ERROR STATUS REQUEST]

Gets information about errors occurring in the projector.

Command

00h 88h 00h 00h 00h 88h

Response

▶ When the command succeeds

▶ When the command fails

Data part

 DATA1 - DATA12.....Error information is provided. A bit set to "0" indicates that the data is normal, and a bit set to "1" indicates an error. For an error information list, see the next page.

<Error information list>

Item		Description			
DATA01	Error sta	Error status (1)			
	Bit0	Cover error	Bit4	Fan error	
	Bit1	Temperature error (bi-metallic strip)	Bit5	Power error	
	Bit2	None (fixed to 0)	Bit6	Lamp (or lamp 1) off or backlight off	
	Bit3	Fan error	Bit7	Lamp (or lamp 1) in a replacement moratorium	
DATA02	Error sta	itus (2)		•	
	Bit0	Lamp (or lamp 1) usage time exceeded the limit	Bit4	None (fixed to 0)	
	Bit1	Formatter error	Bit5	None (fixed to 0)	
	Bit2	Lamp 2 off	Bit6	None (fixed to 0)	
	Bit3	None (fixed to 0)	Bit7	Refer to the extend status.	
DATA03	Error sta	Error status (3)			
	Bit0	None (fixed to 0)	Bit4	Lamp (or lamp 1) data error	
	Bit1	FPGA error	Bit5	Mirror cover error	
	Bit2	Temperature error (temperature sensor)	Bit6	Lamp 2 in a replacement moratorium	
	Bit3	Lamp (or lamp 1) not present	Bit7	Lamp 2 usage time exceeded the limit	
DATA04 Error status (4)		itus (4)			
	Bit0	Lamp 2 not present	Bit4	None (fixed to 0)	
	Bit1	Lamp 2 data error	Bit5	Ballast communication error	
	Bit2	Temperature error due to dust	Bit6	Iris calibration error	
	Bit3	Foreign matter sensor error	Bit7	The lens is not installed properly.	
DATA05 - 08	Reserve	Reserved for the system		•	
DATA09 Extende		d status			
	Bit0	The portrait cover side is up	Bit4	None (fixed to 0)	
	Bit1	The interlock switch is open.	Bit5	None (fixed to 0)	
	Bit2	System error has occurred. (Slave CPU)	Bit6	None (fixed to 0)	
	Bit3	System error has occurred (Formatter)	Bit7	None (fixed to 0)	
DATA10 - 12	Reserve	d for the system		•	

3.2 [015. POWER ON]

Turns on the power of the projector.

Information

While this command is turning on the power, no other command can be accepted.

Command

02h 00h 00h 00h 00h 02h

Response

▶ When the command succeeds

▶ When the command fails

A2h 00h <*ID1*> <*ID2*> 02h <*ERR1*> <*ERR2*> <*CKS*>

3.3 [016. POWER OFF]

Turns off the power of the projector.

Information

While this command is turning off the power (including the cooling time), no other command can be accepted.

Command

02h 01h 00h 00h 00h 03h

Response

▶ When the command succeeds

▶ When the command fails

A2h 01h <*ID1*> <*ID2*> 02h <*ERR1*> <*ERR2*> <*CKS*>

3.4 [018. INPUT SW CHANGE]

Switches the input terminal or entry list.

Command

02h 03h 00h 00h 02h 01h <*DATA01*> <*CKS*>

Data part

Item	Description
DATA01	Input terminal

Information

For the values of input terminal, see the Appendix "Supplementary Information by Command".

▶ Command example

The following command switches the input terminal to a video port (DATA01: 06h).

02h 03h 00h 00h 02h 01h 06h 0Eh

Response

▶ When the command succeeds

Data part

Item	Description		
DATA01	Execution result		
	00h	Ended successfully.	
	FFh	Ended with an error (no signal switch is made).	

3.5 [020. PICTURE MUTE ON]

Turns the picture mute on.

Information

If any of the following operations is done, the picture mute is turned off.

- · Input terminal switch
- · Video signal switch

Command

02h 10h 00h 00h 12h

Response

▶ When the command succeeds

▶ When the command fails

A2h 10h <*ID1*> <*ID2*> 02h <*ERR1*> <*ERR2*> <*CKS*>

3.6 [021. PICTURE MUTE OFF]

Turns the picture mute off.

Command

02h 11h 00h 00h 00h 13h

Response

▶ When the command succeeds

3.7 [022. SOUND MUTE ON]

Turns the sound mute on.

Information

If any of the following operations is done, the sound mute is turned off.

- · Input terminal switch
- · Video signal switch
- · Sound volume adjustment

Command

02h 12h 00h 00h 00h 14h

Response

▶ When the command succeeds

▶ When the command fails

A2h 12h <*ID1*> <*ID2*> 02h <*ERR1*> <*ERR2*> <*CKS*>

3.8 [023. SOUND MUTE OFF]

Turns the sound mute off.

Command

02h 13h 00h 00h 00h 15h

Response

▶ When the command succeeds

3.9 [024. ONSCREEN MUTE ON]

Turns the onscreen mute on.

Information

If any of the following operations is done, the onscreen mute is turned off.

- · Input terminal switch
- · Video signal switch

Command

02h 14h 00h 00h 00h 16h

Response

▶ When the command succeeds

3.10 [025. ONSCREEN MUTE OFF]

Turns the onscreen mute off.

Command

02h 15h 00h 00h 00h 17h

Response

▶ When the command succeeds

3.11 [030-1. PICTURE ADJUST]

Adjusts the picture.

Command

03h 10h 00h 00h 05h <*DATA01*> FFh <*DATA02*> - <*DATA04*> <*CKS*>

Data part

Item	Description		
DATA01	Adjustment target		
	00h	Brightness	
	01h	Contrast	
	02h	Color	
	03h	Hue	
	04h	Sharpness	
DATA02	Adjustment mode		
	00h Specify an absolute value		
	01h	Specify a relative value	
DATA03	Adjustment value (low-order 8 bits)		
DATA04	Adjustment value (high-order 8 bits)		

▶ Command example

① The following command sets brightness to "10".

03h 10h 00h 00h 05h 00h FFh 00h 0Ah 00h 21h

② The following command sets brightness to "-10".

03h 10h 00h 00h 05h 00h FFh 00h F6h FFh 0Ch

Response

▶ When the command succeeds

Data part

Item	Description		
DATA01	Execution result 0000h Ended successfully.		
DATA02			
	Other than 0000h	Ended with an error.	

3.12 [030-2. VOLUME ADJUST]

Adjusts the sound volume.

Command

03h 10h 00h 05h 05h 00h <*DATA01>* - <*DATA03>* <*CKS>*

Data part

Item	Description		
DATA01	Adjustment mode		
	00h Specify an absolute value		
	01h	Specify a relative value	
DATA02	Adjustment value (low-order 8 bits)		
DATA03	Adjustment value (high-order 8 bits)		

▶ Command example

The following command set the sound volume to "10".

03h 10h 00h 00h 05h 05h 00h 00h 0Ah 00h 27h

Response

▶ When the command succeeds

Data part

Item	Description		
DATA01	Execution result 0000h Ended successfully.		
DATA02			
	Other than 0000h	Ended with an error.	

3.13 [030-12. ASPECT ADJUST]

Adjusts the aspect.

Command

03h 10h 00h 00h 05h 18h 00h 00h <*DATA01*> 00h <*CKS*>

Data part

Item	Description
DATA01	Value set for the aspect

Information

For information about the values set for the aspect, see the Appendix "Supplementary Information by Command".

Response

▶ When the command succeeds

Data part

Item	Description		
DATA01	Execution result 0000h Ended successfully.		
DATA02			
	Other than 0000h	Ended with an error.	

3.14 [030-15. OTHER ADJUST]

Adjusts the various gains.

Command

03h 10h 00h 05h <*DATA01>* - <*DATA05>* <*CKS>*

Data part

Item	Description		
DATA01	DATA01	DATA02	Adjustment target
DATA02	96h	FFh	LAMP ADJUST / LIGHT ADJUST
DATA03	Adjustment mode		
	00h	Specify a	n absolute value
	01h	Specify a	relative value
DATA04	Adjustment value (low-order 8 bits)		
DATA05	Adjustment value (high-order 8 bits)		

Response

▶ When the command succeeds

Data part

Item	Description		
DATA01	Execution result		
DATA02	0000h Ended successfully.		
	Other than 0000h	Ended with an error.	

3.15 [037. INFORMATION REQUEST]

Gets the information of the projector.

Command

03h 8Ah 00h 00h 00h 8Dh

Response

▶ When the command succeeds

Data part

Item	Description
DATA01 - 49	Projector name (NUL: termination character string).
DATA50 - 82	Reserved for the system
DATA83 - 86	Lamp usage time (seconds)
DATA87 - 90	Filter usage time (seconds)
DATA91 - 98	Reserved for the system

▶ When the command fails

▶ Response example

When the lamp usage time is18000 seconds (5 hours)

Lamp usage time (DATA83 - DATA86) = 18000 / 3600 = 5 hours

Information

While the usage time can be obtained in one-second units, the information is updated at one-minute intervals.

3.16 [037-3. FILTER USAGE INFORMATION REQUEST]

Gets filter usage information such as usage time.

Command

03h 95h 00h 00h 00h 98h

Response

▶ When the command succeeds

Data part

Item	Description
DATA01 - 04	Filter usage time (seconds)
DATA05 - 08	Filter alarm start time (seconds)

Information

If no time is defined, "-1" is returned.

▶ When the command fails

A3h 95h <*ID1*> <*ID2*> 02h <*ERR1*> <*ERR2*> <*CKS*>

3.17 [037-4. LAMP INFORMATION REQUEST 3]

Gets lamp usage information such as usage time or remaining life. When the eco mode is enabled, the values in the obtained information reflect the eco mode.

Command

96h 00h 00h 02h < <i>DATA01> <data02> <cks< i=""></cks<></data02></i>
--

Data part

Item	Description		
DATA01	Target		
	00h	Lamp 1	
	01h	Lamp 2	
DATA02	Content		
	01h	Lamp usage time (seconds)	
	04h	Lamp remaining life (%)	

Information

▶ Command example

The following command gets the lamp usage time.

03h 96h 00h 00h 02h 00h 01h 9Ch

[&]quot;01h" (Lamp 2) in DATA01 is effective only for two-lamp projector models.

Response

▶ When the command succeeds

Data part

Item	Description		
DATA01	Target		
	00h	Lamp 1	
	01h	Lamp 2	
DATA02	Content		
	01h	Lamp usage time (seconds)	
	04h	Lamp remaining life (%)	
DATA03 - 06	Obtained information		

▶ When the command fails

▶ Response example

When the lamp usage time is18000 seconds (5 hours)

Lamp usage time (DATA03 - DATA06) = 18000 / 3600 = 5 hours

Information

- · While the lamp usage time can be obtained in one-second units, the information is updated at one-minute intervals.
- · If the lamp replacement deadline is exceeded, a negative value is returned as the lamp remaining life (%).

3.18 [037-6. CARBON SAVINGS INFORMATION REQUEST]

Gets the Carbon Saving values on the projector.

Command

Data part

Item	Description		
DATA01	Target		
	00h	Total Carbon Savings	
	01h	Carbon Savings during operation	

▶ When the command succeeds

Data part

Item	Description		
DATA01	Target		
	00h	Total Carbon Savings	
	01h	Carbon Savings during operation	
DATA02 - 05	Carbon Savings (Ki	logram Maximum: 99999[kg])	
DATA06 - 09	Carbon Savings (M	illigram Maximum:999999[mg])	

▶ When the command fails

▶ Response example

When the Carbon Savings value is 2460.06375[kg].

3.19 [050. REMOTE KEY CODE]

Sends the key code for remote control.

Command

02h 0Fh 00h 00h 02h <*DATA01*> <*DATA02*> <*CKS*>

Data part

Item	Description	
DATA01	Key code (WORD type)	
DATA02	For the combinations of key codes, see Table "Key code list".	

<Key code list>

Key code	DATA01	DATA02	Key name
2	02h	00h	POWER ON
3	03h	00h	POWER OFF
5	05h	00h	AUTO
6	06h	00h	MENU
7	07h	00h	UP
8	08h	00h	DOWN
9	09h	00h	RIGHT
10	0Ah	00h	LEFT
11	0Bh	00h	ENTER
12	0Ch	00h	EXIT
13	0Dh	00h	HELP
15	0Fh	00h	MAGNIFY UP
16	10h	00h	MAGNIFY DOWN
19	13h	00h	MUTE
41	29h	00h	PICTURE
75	4Bh	00h	COMPUTER1
76	4Ch	00h	COMPUTER2
79	4Fh	00h	VIDEO1
81	51h	00h	S-VIDEO1
132	84h	00h	VOLUME UP
133	85h	00h	VOLUME DOWN
138	8Ah	00h	FREEZE
163	A3h	00h	ASPECT

Key code	DATA01	DATA02	Key name
215	D7h	00h	SOURCE
238	EEh	00h	LAMP MODE/ECO

▶ Command example

The following command sends the key code "AUTO".

Response

▶ When the command succeeds

Data part

Item	Description	
DATA01	Execution result	
	00h	Ended successfully.
	FFh	Ended with an error.

3.20 [051. SHUTTER CLOSE]

Closes the lens shutter.

Command

02h 16h 00h 00h 00h 18h

Response

▶ When the command succeeds

3.21 [052. SHUTTER OPEN]

Opens the lens shutter.

Command

02h 17h 00h 00h 00h 19h

Response

▶ When the command succeeds

3.22 [053. LENS CONTROL]

Adjusts the lens position.

Command

02h 18h 00h 00h 02h <*DATA01>* <*DATA02>* <*CKS>*

Data part

Item	Description	
DATA01	Target	
	00h	Zoom
	01h	Focus
	02h	Lens Shift (H)
	03h	Lens Shift (V)
DATA02	Content	
	00h	Stop
	01h	Drives for 1 second in the direction of plus
	02h	Drives for 0.5 second in the direction of plus
	03h	Drives for 0.25 second in the direction of plus
	7Fh	Drives in the direction of plus
	81h	Drives in the direction of minus
	FDh	Drives for 0.25 second in the direction of minus
	FEh	Drives for 0.5 second in the direction of minus
	FFh	Drives for 1 second in the direction of minus

Information

After sending "7Fh" (Drives in the direction of plus) or "81h" (Drives in the direction of minus) in DATA02, you can stop driving lens by sending "00h".

▶ When the command succeeds

Data part

Item	Description	
DATA01	Execution result	
	00h	Ended successfully.
	FFh	Ended with an error.

▶ When the command fails

Information

While the lens is being driven, you can control the lens position without a stop by issuing the same command.

3.23 [053-1. LENS CONTROL REQUEST]

Gets adjusted values of the lens position.

Command

02h 1Ch 00h 00h 02h <*DATA01*> 00h <*CKS*>

Data part

Item	Description	
DATA01	Target	
	00h	Zoom
	01h	Focus
	02h	Lens Shift (H)
	03h	Lens Shift (V)

▶ When the command succeeds

Data part

Item	Description	
DATA01	Target	
	00h	Zoom
	01h	Focus
	02h	Lens Shift (H)
	03h	Lens Shift (V)
DATA02	Upper limit of the adjustment range (low-order 8 bits)	
DATA03	Upper limit of the adjustment range (high-order 8 bits)	
DATA04	Lower limit of the adjustment range (low-order 8 bits)	
DATA05	Lower limit of the adjustment range (high-order 8 bits)	
DATA06	Current value (low-order 8 bits)	
DATA07	Current value (high-order 8 bits)	

3.24 [053-2. LENS CONTROL 2]

Adjusts the lens position.

Command

02h 1Dh 00h 00h 04h <*DATA01>* - <*DATA04>* <*CKS>*

Data part

Item	Description	
DATA01	Target	
	00h	Zoom
	01h	Focus
	02h	Lens Shift (H)
	03h	Lens Shift (V)
	FFh	Stop
DATA02	Adjustment mode	
	00h	Specify an absolute value
	02h	Specify a relative value
DATA03	Adjustment value (low-order 8 bits)	
DATA04	Adjustment value (high-order 8 bits)	

Information

If specifying "Stop" in DATA01, the Adjustment mode and Adjustment value are not referenced.

▶ When the command succeeds

Data part

Item	Description	
DATA01	Target	
	00h	Zoom
	01h	Focus
	02h	Lens Shift (H)
	03h	Lens Shift (V)
	FFh	Stop
DATA02	Adjustment mode	
	00h	Specify an absolute value
	02h	Specify a relative value

3.25 [053-3. LENS MEMORY CONTROL]

Controls the lens memory.

Information

See [053-4. REFERENCE LENS MEMORY CONTROL] for controlling the reference lens memory.

Command

Data part

Item	Description	
DATA01	Operation	
	00h	MOVE
	01h	STORE
	02h	RESET

▶ When the command succeeds

Data part

Item	Description		
DATA01	Operation		
	00h	MOVE	
	01h STORE		
	02h	RESET	
DATA02	Execution result		
	00h	Ended successfully.	
	FFh	Ended with an error.	

3.26 [053-4. REFERENCE LENS MEMORY CONTROL]

Controls the reference lens memory.

Information

- · See [053-3. LENS MEMORY CONTROL] for controlling the lens memory.
- · This command controls the profile number specified in [053-10 LENS PROFILE SET].

Command

02h 1Fh 00h 00h 01h <*DATA01>* <*CKS>*

Data part

Item	Description		
DATA01	Operation		
	00h	MOVE	
	01h	STORE	
	02h	RESET	

▶ When the command succeeds

Data part

Item	Description		
DATA01	Operation		
	00h	MOVE	
	01h STORE		
	02h	RESET	
DATA02	Execution result		
	00h	Ended successfully.	
	FFh	Ended with an error.	

3.27 [053-5. LENS MEMORY OPTION REQUEST]

Gets the value set for the lens memory.

Command

02h 20h 00h 01h <*DATA01*> <*CKS*>

Data part

Item	Description		
DATA01	Target		
	00h	LOAD BY SIGNAL	
	01h	FORCED MUTE	

Response

▶ When the command succeeds

22h 20h <*ID1*> <*ID2*> 02h <*DATA01*> <*DATA02*> <*CKS*>

Data part

Item	Description		
DATA01	Target		
	00h	LOAD BY SIGNAL	
	01h	FORCED MUTE	
DATA02	Setting value		
	00h	OFF	
	01h	ON	

▶ When the command fails

A2h 20h <*ID1*> <*ID2*> 02h <*ERR1*> <*ERR2*> <*CKS*>

3.28 [053-6. LENS MEMORY OPTION SET]

Sets the lens memory.

Command

02h 21h 00h 00h 02h <*DATA01> <DATA02> <CKS>*

Data part

Item	Description		
DATA01	Target		
	00h	LOAD BY SIGNAL	
	01h	FORCED MUTE	
DATA02	Setting value		
	00h	OFF	
	01h	ON	

▶ When the command succeeds

Data part

Item	Description		
DATA01	Target		
	00h	LOAD BY SIGNAL	
	01h	FORCED MUTE	
DATA02	Execution result		
	00h Ended successfully.		
	01h	Ended with an error.	

3.29 [053-7. LENS INFORMATION REQUEST]

Gets information about the lens of the projector.

Command

02h 22h 00h 00h 01h 00h 25h

Response

▶ When the command succeeds

Data part

Item	Description					
DATA01	Target					
	Bit0	Lens me	emory	Bit4	Lens Shift (V)	
		0	Stop		0	Stop
		1	During operation		1	During operation
	Bit1	Zoom	Zoom		Reserve	ed for the system
		0	0 Stop			
		1	During operation			
	Bit2	Focus		Bit6	Reserve	ed for the system
		0	Stop			
		1	During operation			
	Bit3	Lens Shift (H)		Bit7	Reserve	ed for the system
		0	Stop			
		1	During operation			

3.30 [053-10. LENS PROFILE SET]

Selects the profile number of the reference lens memory.

Command

02h 27h 00h 00h 01h <*DATA01>* <*CKS>*

Data part

Item	Description		
DATA01	Profile number		
	00h	Profile 1	
	01h	Profile 2	

Response

▶ When the command succeeds

22h 27h <*ID1*> <*ID2*> 02h <*DATA01*> <*DATA02*> <*CKS*>

Data part

Item	Description		
DATA01	Profile number		
	00h	Profile 1	
	01h	Profile 2	
DATA02	Execution result		
	00h	Ended successfully.	
	01h	Ended with an error.	

▶ When the command fails

A2h 27h <*ID1*> <*ID2*> 02h <*ERR1*> <*ERR2*> <*CKS*>

3.31 [053-11. LENS PROFILE REQUEST]

Gets the selected profile number of the reference lens memory.

Command

02h 28h 00h 00h 00h 2Ah

Response

▶ When the command succeeds

Data part

Item	Description		
DATA01	Profile number		
	00h Profile 1		
	01h	Profile 2	
DATA02	Reserved for the system		

▶ When the command fails

A2h 28h <*ID1*> <*ID2*> 02h <*ERR1*> <*ERR2*> <*CKS*>

3.32 [060-1. GAIN PARAMETER REQUEST 3]

Gets adjusted values of the picture, volume, and so on.

Command

03h 05h 00h 00h 03h <*DATA01*> 00h 00h <*CKS*>

Data part

Item	Description		
DATA01	Adjusted value name		
	00h	PICTURE / BRIGHTNESS	
	01h PICTURE / CONTRAST		
	02h PICTURE / COLOR		
	03h PICTURE / HUE		
	04h PICTURE / SHARPNESS		
	05h	VOLUME	
	96h	LAMP ADJUST / LIGHT ADJUST	

▶ Command example

The following command gets the adjusted value of the picture (brightness).

03h 05h 00h 00h 03h 00h 00h 0Bh

▶ When the command succeeds

Data part

Item	Description			
DATA01	Adjusted value stat	Adjusted value status		
	00h	Display not possible		
	01h	Adjustment not possible		
	02h	Adjustment possible		
	FFh	The specified gain does not exist.		
DATA02	Upper limit of the a	djustment range (low-order 8 bits)		
DATA03	Upper limit of the a	djustment range (high-order 8 bits)		
DATA04	Lower limit of the a	djustment range (low-order 8 bits)		
DATA05	Lower limit of the a	Lower limit of the adjustment range (high-order 8 bits)		
DATA06	Default value (low-	Default value (low-order 8 bits)		
DATA07	Default value (high	Default value (high-order 8 bits)		
DATA08	Current value (low-	order 8 bits)		
DATA09	Current value (high	n-order 8 bits)		
DATA10	Wide adjustment w	Wide adjustment width (low-order 8 bits)		
DATA11	Wide adjustment width (high-order 8 bits)			
DATA12	Narrow adjustment	Narrow adjustment width (low-order 8 bits)		
DATA13	Narrow adjustment	Narrow adjustment width (high-order 8 bits)		
DATA14	Whether the defaul	Whether the default value is valid or invalid		
	00h	The default value is invalid.		
	01h	The default value is valid.		
DATA15 DATA16	Reserved for the system			

3.33 [078-1. SETTING REQUEST]

Gets information of the projector.

Command

00h 85h 00h 00h 01h 00h 86h

Response

▶ When the command succeeds

Data part

Item	Description		
DATA01 - 03	Base model type		
DATA04	Sound function		
	00h	Not available	
	01h	Available	
DATA05	Profile number		
	00h	Not available	
	01h	Clock function	
	02h	Sleep timer function	
	03h	Clock function and Sleep timer function	
DATA06 - 32	Reserved for the system		

Information

For the values of the base model types, see the Appendix "Supplementary Information by Command".

3.34 [078-2. RUNNING STATUS REQUEST]

Gets the information about the operation status of the projector.

Command

00h 85h 00h 00h 01h 01h 87h

Response

▶ When the command succeeds

Data part

Item	Description			
DATA01 - 02	Reserved	Reserved for the system		
DATA03	Power stat	tus		
	00h	Standby	FFh	Not supported
	01h	Power on	_	-
DATA04	Cooling pr	ocess		
	00h	Not executed	FFh	Not supported
	01h	During execution	_	_
DATA05	Power On/Off process			
	00h	Not executed	FFh	Not supported
	01h	During execution	_	_
DATA06	Operation	Operation status		
	00h	Standby (Sleep)	0Fh	Standby (Power saving)
	04h	Power on	10h	Network standby
	05h	Cooling	FFh	Not supported
	06h	Standby (error)	_	_
DATA07 - 16	Reserved for the system			

▶ When the command fails

A0h 85h <*ID1*> <*ID2*> 02h <*ERR1*> <*ERR2*> <*CKS*>

3.35 [078-3. INPUT STATUS REQUEST]

Gets the information about the input signal status of the projector.

Command

00h 85h 00h 00h 01h 02h 88h

Response

▶ When the command succeeds

20h 85h <*ID1*> <*ID2*> 10h <*DATA01*> - <*DATA16*> <*CKS*>

Data part

Item	Description			
DATA01	Signal swit	tch process		
	00h	Not executed	FFh	Not supported
	01h	During execution	_	_
DATA02	Signal list	number	•	
	00h – C7h	Signal list number - 1	FFh	Not supported
DATA03	Selection signal type 1			
	01h	1	04h	4
	02h	2	05h	5
	03h	3	_	_
DATA04	Selection signal type 2			
	01h	COMPUTER	20h	DVI-D
	02h	VIDEO	21h	HDMI
	03h	S-VIDEO	22h	DisplayPort
	04h	COMPONENT	23h	VIEWER(6-10)
	05h	Reserved for the system	FFh	Not Source Input
	07h	VIEWER(1-5)		_

Item	Description			
DATA05	Signal list	type		
	00h	Default	FFh	Not supported
	01h	User	_	_
DATA06	Test patter	Test pattern display		
	00h	00h Not displayed FFh Not supported		
	01h	Displayed	_	_
DATA07 - 08	Reserved for the system			
DATA09	Content displayed			
	00h Video signal displayed 03h Test pattern		Test pattern displayed	
	01h	No signal	04h	LAN displayed
	02h	Viewer displayed	FFh	Not supported
DATA10 - 16	Reserved for the system			

Information

- A value which is "1" smaller than a practical value will be returned as a signal list number. For finding out a practical number, add "1" to the returned value.
- · For information about the Selection signal type, see the Appendix "Supplementary Information by Command".

▶ When the command fails

▶ Response example

When the signal list number is 10.

3.36 [078-4. MUTE STATUS REQUEST]

Gets the mute status of the projector.

Command

00h 85h 00h 00h 01h 03h 89h

Response

▶ When the command succeeds

Data part

Item	Description		
DATA01	Picture mute		
	00h	Off	
	01h	On	
	FFh	Not supported	
DATA02	Sound mute		
	00h	Off	
	01h	On	
	FFh	Not supported	
DATA03	Onscreen mute		
	00h	Off	
	01h	On	
	FFh	Not supported	

Item	Description		
DATA04	Forced onscreen mute		
	00h	Off	
	01h	On	
	FFh	Not supported	
DATA05	Onscreen display		
	00h	Not displayed	
	01h	Displayed	
	FFh	Not supported	
DATA06 - 16	Reserved for the system		

h 85h < <i>ID1</i> > < <i>ID2</i> > 02h < <i>ERR1</i> > < <i>ERR2</i> > < <i>CKS</i> 3
--

3.37 [078-5. MODEL NAME REQUEST]

Gets the model name of the projector.

Command

00h 85h 00h 00h 01h 04h 8Ah

Response

▶ When the command succeeds

20h 85h <*ID1*> <*ID2*> 20h <*DATA01*> - <*DATA32*> <*CKS*>

Data part

Item	Description
DATA01 - 32	Model name (NUL: termination character string)

▶ When the command fails

A0h 85h <*ID1*> <*ID2*> 02h <*ERR1*> <*ERR2*> <*CKS*>

3.38 [078-6. COVER STATUS REQUEST]

Gets the status of the mirror cover or lens cover.

Command

00h 85h 00h 00h 01h 05h 8Bh

Response

▶ When the command succeeds

Data part

Item	Description	
DATA01	Status	
	00h Normal (cover opened)	
	01h	Cover closed

▶ When the command fails

A0h 85h <*ID1*> <*ID2*> 02h <*ERR1*> <*ERR2*> <*CKS*>

3.39 [079. FREEZE CONTROL]

Controls whether to turn the freeze function on or off.

Command

01h 98h 00h 00h 01h <*DATA01>* <*CKS>*

Data part

Item	Description	
DATA01	Operation	
	01h	Turns the freeze function on.
	02h	Turns the freeze function off.

Response

▶ When the command succeeds

21h 98h <*ID1*> <*ID2*> 01h <*DATA01*> <*CKS*>

Data part

Item	Description	
DATA01	Execution result	
	00h	Ended successfully.
	01h	Ended with an error.

▶ When the command fails

A1h 98h <*ID1*> <*ID2*> 02h <*ERR1*> <*ERR2*> <*CKS*>

3.40 [084. INFORMATION STRING REQUEST]

Gets the information strings (English) displayed on the projector.

Command

00h D0h 00h 00h 03h 00h <*DATA01*> 01h <*CKS*>

Data part

Item		Description
DATA01	Information type	
	03h	Horizontal synchronous frequency
	04h	Vertical synchronous frequency

Response

▶ When the command succeeds

20h D0h <*ID1*> <*ID2*> LEN <*DATA01*> 01h <*DATA02*> - <*DATA??*> <*CKS*>

Data part

Item	Description	
DATA01	Information type	
	03h	Horizontal synchronous frequency
	04h	Vertical synchronous frequency
DATA02	Label/information string length (excluding NUL characters)	
DATA03 - ??	Label/information strings (NUL: termination character string)	

▶ When the command fails

A0h D0h <*ID1*> <*ID2*> 02h <*ERR1*> <*ERR2*> <*CKS*>

3.41 [097-8. ECO MODE REQUEST]

Gets the value set for the eco mode.

Information

Depending on the projector, the value for the "Light mode" or "Lamp mode" will be returned.

Command

03h B0h 00h 00h 01h 07h BBh

Response

▶ When the command succeeds

23h B0h <*ID1*> <*ID2*> 02h 07h <*DATA01*> <*CKS*>

Data part

Item	Description	
DATA01	Value set for the eco mode	

Information

For information about the values set for the eco mode, see the Appendix "Supplementary Information by Command".

▶ When the command fails

A3h B0h <*ID1*> <*ID2*> 02h <*ERR1*> <*ERR2*> <*CKS*>

3.42 [097-45. LAN PROJECTOR NAME REQUEST]

Gets the projector name.

Command

03h B0h 00h 00h 01h 2Ch E0h

Response

▶ When the command succeeds

23h B0h <*ID1*> <*ID2*> 12h 2Ch <*DATA01*> - <*DATA17*> <*CKS*>

Data part

Item	Description
DATA01 - 17	Projector name (NUL: termination character string)

▶ When the command fails

A3h B0h <*ID1*> <*ID2*> 02h <*ERR1*> <*ERR2*> <*CKS*>

3.43 [097-155. LAN MAC ADDRESS STATUS REQUEST2]

Gets the MAC address of the projector.

Command

03h B0h 00h 00h 02h 9Ah 00h 4Fh

Response

▶ When the command succeeds

23h B0h <*ID1*> <*ID2*> 08h 9Ah 00h <*DATA01*> - <*DATA06*> <*CKS*>

Data part

Item	Description
DATA01 - 06	MAC address

▶ When the command fails

A3h B0h <*ID1*> <*ID2*> 02h <*ERR1*> <*ERR2*> <*CKS*>

▶ Response example

When the MAC address of the projector is "01h-23h-45h-67h-89h-ABh", the following response is returned.

23h B0h <*ID1*> <*ID2*> 08h 9Ah 00h 01h 23h 45h 67h 89h ABh <*CKS*>

3.44 [097-198. PIP/PICTURE BY PICTURE REQUEST]

Gets the value set for the picture in picture and picture by picture.

Command

03h B0h 00h 00h 02h C5h <*DATA01> <CKS>*

Data part

Item	Description	
DATA01	Target	
	00h	MODE
	01h	START POSITION
	02h	SUB INPUT / SUB INPUT 1
	09h	SUB INPUT 2
	0Ah	SUB INPUT 3

Response

▶ When the command succeeds

Data part

Item	Description	
DATA01	Target	
	00h	MODE
	01h	START POSITION
	02h	SUB INPUT / SUB INPUT 1
	09h	SUB INPUT 2
	0Ah	SUB INPUT 3
DATA02	Setting value (when DATA01 is 00h "MODE")	
	00h	PIP
	01h	PICTURE BY PICTURE
	Setting value (when DATA01 is 01h "START POSITION")	
	00h	TOP-LEFT
	01h	TOP-RIGHT
	02h	BOTTOM-LEFT
	03h	BOTTOM-RIGHT
	Sub input setting value (when DATA01 is 02h "SUB INPUT / SUB INPUT 1")	
	Sub input setting va	alue (when DATA01 is 09h "SUB INPUT 2")
	Sub input setting value (when DATA01 is 0Ah "SUB INPUT 3")	

Information

For the values of the Sub input setting value, see the Appendix "Supplementary Information by Command".

▶ When the command fails

3.45 [097-243-1. EDGE BLENDING MODE REQUEST]

Gets the value set for the edge blending.

Command

03h B0h 00h 00h 02h DFh 00h 94h

Response

▶ When the command succeeds

23h B0h <*ID1*> <*ID2*> 03h DFh 00h <*DATA01*> <*CKS*>

Data part

Item		Description
DATA01	Setting value	
	00h	OFF
	01h	ON

▶ When the command fails

A3h B0h <*ID1*> <*ID2*> 02h <*ERR1*> <*ERR2*> <*CKS*>

3.46 [098-8. ECO MODE SET]

Sets the eco mode.

Information

Depending on the projector, the "Light mode" or "Lamp mode" will be set.

Command

Item	Description
DATA01	Value set for the eco mode

Information

For information about the values set for the eco mode, see the Appendix "Supplementary Information by Command".

Response

▶ When the command succeeds

Data part

Item	Description	
DATA01	Execution result	
	00h	Ended successfully.
	01h	Ended with an error.

▶ When the command fails

3.47 [098-45. LAN PROJECTOR NAME SET]

Sets the projector name.

Command

03h B1h 00h 00h 12h 2Ch < DATA01> - < DATA16> 00h < CKS>

Data part

Item	Description	
DATA01 - 16	Projector name (up to 16 bytes)	

Response

▶ When the command succeeds

23h B1h <*ID1*> <*ID2*> 02h 2Ch <*DATA01*> <*CKS*>

Data part

Item	Description	
DATA01	Execution result	
	00h	Ended successfully.
	01h	Ended with an error.

▶ When the command fails

A3h B1h <*ID1*> <*ID2*> 02h <*ERR1*> <*ERR2*> <*CKS*>

3.48 [098-198. PIP/PICTURE BY PICTURE SET]

Sets the picture in picture or picture by picture.

Command

03h B1h 00h 00h 03h C5h <*DATA01> <DATA02> <CKS>*

Data part

Item	Description	
DATA01	Target	
	00h	MODE
	01h	START POSITION
	02h	SUB INPUT / SUB INPUT 1
	09h	SUB INPUT 2
	0Ah	SUB INPUT 3
DATA02	Setting value (when DATA01 is 00h "Mode")	
	00h	PIP
	01h	PICTURE BY PICTURE
	Setting value (when DATA01 is 01h "START POSITION")	
	00h	TOP-LEFT
	01h	TOP-RIGHT
	02h	BOTTOM-LEFT
	03h	BOTTOM-RIGHT
	Sub input setting value (when DATA01 is 02h "SUB INPUT / SUB INPUT 1")	
	Sub input setting va	alue (when DATA01 is 09h "SUB INPUT 2")
	Sub input setting value (when DATA01 is 0Ah "SUB INPUT 3")	

Information

For the values of the Sub input setting value, see the Appendix "Supplementary Information by Command".

Response

▶ When the command succeeds

23h B1h <*ID1*> <*ID2*> 03h C5h <*DATA01*> <*DATA02*> <*CKS*>

Data part

Item	Description	
DATA01	Target	
	00h	MODE
	01h	START POSITION
	02h	SUB INPUT / SUB INPUT 1
	03h	SUB INPUT 2
	04h	SUB INPUT 3
DATA02	Execution result	
	00h	Ended successfully.
	01h	Ended with an error.

▶ When the command fails

A3h B1h <*ID1*> <*ID2*> 02h <*ERR1*> <*ERR2*> <*CKS*>

3.49 [098-243-1. EDGE BLENDING MODE SET]

Sets the edge blending.

Command

03h B1h 00h 00h 03h DFh 00h <*DATA01>* <*CKS>*

Data part

Item		Description
DATA01	Setting value	
	00h	00h
	01h	01h

Response

▶ When the command succeeds

23h B1h <*ID1*> <*ID2*> 03h DFh 00h <*DATA01*> <*CKS*>

Data part

Item	Description	
DATA01	Execution result	
	00h	Ended successfully.
	01h	Ended with an error.

▶ When the command fails

A3h B1h <ID1> <ID2> 02h <ERR1> <ERR2> <CKS>

3.50 [305-1. BASE MODEL TYPE REQUEST]

Gets the base model type of the projector.

Command

00h BFh 00h 00h 01h 00h C0h

Response

▶ When the command succeeds

Data part

Item	Description
DATA01 DATA02	Base model type
DATA03 - 11	Model name (NUL: termination character string)
DATA12 DATA13	Base model type
DATA14 DATA15	Reserved for the system

Information

For the values of the base model types, see the Appendix "Supplementary Information by Command".

▶ When the command fails

3.51 [305-2. SERIAL NUMBER REQUEST]

Gets the serial number of the projector.

Command

00h BFh 00h 00h 02h 01h 06h C8h

Response

▶ When the command succeeds

20h BFh <*ID1*> <*ID2*> 12h 01h 06h <*DATA01*> - <*DATA16*> <*CKS*>

Data part

Item	Description
DATA01 - 16	Serial number (NUL: termination character string)

▶ When the command fails

A0h BFh <*ID1*> <*ID2*> 02h <*ERR1*> <*ERR2*> <*CKS*>

3.52 [305-3. BASIC INFORMATION REQUEST]

Gets the basic information about the operation status of the projector.

Command

00h BFh 00h 00h 01h 02h C2h

Response

▶ When the command succeeds

20h BFh <*ID1*> <*ID2*> 10h 02h <*DATA01*> - <*DATA15*> <*CKS*>

Data part

Item	Description					
DATA01	Operation status					
	00h	Standby (Sleep)	06h	Standby (error)		
	04h	Power on	0Fh	Standby (Power saving)		
	05h	Cooling	10h	Network standby		
DATA02 Content displayed						
	00h	Video signal displayed	04h	LAN displayed		
	01h	No signal	05h	Test pattern (user) displayed		
	02h	Viewer displayed	10h	Signal being switched		
	03h	Test pattern displayed	_	_		
DATA03	Selection s	signal type 1				
	01h	1	04h	4		
	02h	2	05h	5		
	03h	3	_	_		

Item	Description					
DATA04	Selection sig	nal type 2				
	01h	COMPUTER	20h	DVI-D		
	02h	VIDEO	21h	НОМІ		
	03h	S-VIDEO	22h	DisplayPort		
	04h	COMPONENT	23h	VIEWER(6-10)		
	05h	Reserved for the system	FFh	Not Source Input		
	07h	VIEWER(1-5)	_	_		
DATA05	Display signa	al type (effective only when DAT	A04 is 02h or	03h)		
	00h	NTSC3.58	09h	NTSC3.58 SQZ		
	01h	NTSC4.43	0Ah	COMPONENT(60Hz)		
	02h	PAL	0Bh	COMPONENT(50Hz)		
	03h	PAL60	0Ch	Unknown		
	04h	SECAM	0Dh	NTSC		
	05h	B/W60	0Eh	PAL-M		
	06h	B/W50	0Fh	PAL-L		
	07h	PALNM	FFh	Not Video Input		
	08h	NTSC3.58 LBX	_	_		
DATA06	Video mute					
	00h	Off	01h	On		
DATA07	Sound mute					
	00h	Off	01h	On		
DATA08	Onscreen mu	ute				
	00h	Off	01h	On		
DATA09	Freeze status	3				
	00h	Off	01h	On		
DATA10 - 15	Reserved for	the system				

Information

For information about which parameters are supported, see the Appendix "Supplementary Information by Command".

▶ When the command fails

3.53 [319-10. AUDIO SELECT SET]

Sets the audio select.

Command

03h C9h 00h 00h 03h 09h <*DATA01> <DATA02> <CKS>*

Data part

Item	Description								
DATA01	Input termi	Input terminal							
DATA02	Setting val	Setting value							
	00h	The terminal DATA01	specified i	n	02h	COMPUTER			
	01h	BNC			_	_			

Information

For the values of input terminal, see the Appendix "Supplementary Information by Command".

Response

▶ When the command succeeds

Data part

Item	Description					
DATA01	Input termi	Input terminal				
DATA02	Execution	Execution result				
	00h	00h Ended successfully.		Ended with an error.		

Information

For the values of input terminal, see the Appendix "Supplementary Information by Command".

▶ When the command fails

4. Revision History

Revision	Date	Description	
7.1	April 16, 2020	Corrected the descriptions [037]	
7.0	July 6, 2018	Updated the supported command [097-198], [098-198], [319-10]	
6.1	May 29, 2017	Corrected the descriptions [053-3], [053-4]	
6.0	December 6, 2016	Added the supported commands [051], [052]	
5.0	January 6, 2016	Added the Copyright on all pages.	
4.0	December 11, 2015	Corrected the supported command [053-6]	
3.0	June 16, 2015	Added the supported command [030-15] Updated the supported command [060-1]	
2.0	May 29, 2015	Added the supported commands [030-12], [037], [037-6], [053], [053-1], [053-2], [053-3], [053-4], [053-5], [053-6], [053-7], [053-10], [053-11], [078-1], [078-2], [078-3], [078-4], [078-5], [097-198], [097-243-1], [098-8], [098-198], [098-243-1], [319-10] Updated the supported command [009]	
1.0	August 22, 2014	First version	

Projector Control Command Reference Manual Appendixes

This is the supplemental document to the principal. Please refer to the principal about detailed information including precautions.

No.BDT140014

Revision History

Revision	Date	Description	Reference	Supported models
20.0	Date April 16, 2020	Added the supported models. Corrected the error. "Input terminal" Modified Model name from NP-PH1005QL to NP-PX1005QL.	7.1	Supported models

19.0	September 30, 2019	Added the supported models.	7.0	NP-ME401W / NP-ME361W / NP-ME331W / NP-ME301W / NP-ME401X / NP-ME361X / NP-ME331X / NP-ME301X NP-ME360X / NP-ME360X / NP-ME310X / NP-ME270X NP-ME360X / NP-ME310X / NP-ME270X NP-P554U / NP-P554U / NP-P554W / NP-P554W / NP-P603X / NP-P523X / NP-P523X / NP-P523X / NP-P525W / NP-P502W / NP-P502W / NP-P502W / NP-P502W / NP-P502H / NP-P502W / NP-P451W / NP-P451W / NP-P451W / NP-P451X / NP-P451X / NP-P451W / NP-P401W / NP-PE501X NP-P420X / NP-P350X / NP-P350W NP-P420X / NP-P350X / NP-P350W NP-P401H NP-PA803U / NP-PA653U / NP-PA803U / NP-PA723U / NP-PA653U / NP-PA803U / NP-PA723U / NP-PA653U / NP-PA622U / NP-PA723U / NP-PA672W / NP-PA571W / NP-PA622X / NP-PA622U / NP-PA521U / NP-PA671W / NP-PA571W / NP-PA622X / NP-PA620X / NP-PA500X / NP-PA500U NP-PH3501QL / NP-PA500X / NP-PA500U NP-PH1002HL NP-PH1002HL NP-PH1002HL NP-PH1005QL NP-PX700W / NP-PX803U NP-PX651X / NP-PX550W / NP-PX803U NP-PX600X / NP-PX500W / NP-PX803U NP-PX601X / NP-PX50U / NP-PX50U / NP-PX50U / NP-PX50U / NP-PX50U / NP-PX50U / NP-PX50W / NP-PX602UL / NP-PX500W / NP-PX500W / NP-PX602UL / NP-PX500W / NP-PX500W / NP-PX500W / NP-PX500W / NP-PX500W / NP-W303X / NP-U250X / NP-U330W / NP-UM301X / NP-UM351W / NP-UM301X / NP-U300X / NP-U30
18.0	April 24, 2019	Added the supported models.	7.0	NP-1020 / NP-4100W NP-M420X / NP-M420XV / NP-M350X / NP-M300X / NP-M260X / NP-M230X / NP-M420XV / NP-M360W / NP-M350XS / NP-M300XS / NP-M260XS / NP-M300W S / NP-M260WS NP-M403X / NP-M363X / NP-M323X / NP-M283X / NP-M303W / NP-M323W / NP-M363X / NP-M323X / NP-M323W / NP-M323H / NP-M323H / NP-M323H S / NP-M303HS NP-M402W / NP-M362W / NP-M353HS / NP-M322X / NP-M322X / NP-M322W / NP-M352WS / NP-M362X / NP-M322X / NP-M322W / NP-M352WS / NP-M362X / NP-M322X / NP-M322W / NP-M352WS / NP-M362X / NP-M322X / NP-M352WS / NP-M352WS / NP-M311W / NP-ME301W / NP-ME401W / NP-ME361W / NP-ME331W / NP-ME301W / NP-ME401W / NP-ME361X / NP-ME331X / NP-ME301X / NP-M560X / NP-M6310X / NP-M6331X / NP-M6301X / NP-P554U / NP-P474U / NP-P554W / NP-P474W / NP-P604X / NP-P503X / NP-P523W / NP-P452AW / NP-P404W / NP-P604X / NP-P502H / NP-P502W / NP-P452H / NP-P452W / NP-P502H / NP-P502W / NP-P452H / NP-P401W / NP-PE501X / NP-P420X / NP-P451X / NP-P451W / NP-P401W / NP-PE501X / NP-P803U / NP-P4653UL / NP-P4653U / NP-PA603U / NP-PA653U / NP-PA622U / NP-PA653U / NP-PA622U / NP-PA621U / NP-PA651U / NP-PA671W / NP-PA721X / NP-PA621X / NP-PA620X / NP-PA620X / NP-PA620X / NP-PA620X / NP-PA620X / NP-PA620X / NP-PA600U / NP-PA500U / NP-PX600U / NP-PX6

17.0	March 27, 2019	Added the supported models.	7.0	NP-UM351W / NP-UM301W / NP-UM361X / NP-UM30X / NP-UM352W NP-UM330X / NP-UM280X / NP-UM330W / NP-UM280W NP-V332X / NP-V332W / NP-V302X / NP-V302W / NP-V302H NP-V31W / NP-V280X / NP-V300W / NP-V260W / NP-V230X / NP-V260 / NP-V230 / NP-V260R NP-V2303 / NP-V260R NP-V2303 / NP-V26803 NP-VE2813 / NP-V2803 NP-VE2814 / NP-VE280X / NP-VE281 / NP-VE280 NP4100 / NP-M4100W NP-M230X / NP-M300W / NP-M350X / NP-M350XS / NP-M360X / NP-M230X / NP-M300W / NP-M350W / NP-M350XS / NP-M300XS / NP-M260XS / NP-M300W / NP-M260W / NP-M350XS / NP-M303X / NP-M323W / NP-M333XS / NP-M260W / NP-M333W / NP-M363W / NP-M323W / NP-M333XS / NP-M353WS / NP-M303WS / NP-M323W / NP-M352W / NP-M353WS / NP-M303WS / NP-M322W / NP-M352WS / NP-M302WS / NP-M322X / NP-M222X / NP-M322W / NP-M322W / NP-M352WS / NP-M302WS / NP-M322X / NP-M222X / NP-M222W / NP-M365W / NP-M231W / NP-M271W NP-ME401W / NP-ME361W / NP-ME331W / NP-M271W NP-ME401W / NP-ME361W / NP-ME331X / NP-ME301W / NP-M250X / NP-M251X / NP-M252X / NP-P503X / NP-P502W / NP-P452W / NP-P474W / NP-P604X / NP-P603X / NP-P502W / NP-P452H / NP-P452W NP-P502H / NP-P502W / NP-P452H / NP-P452W NP-P502H / NP-P502W / NP-P452H / NP-P457W / NP-P6501X NP-P863W / NP-P350X / NP-P350W / NP-P4570W / NP-P6771W / NP-P6771W / NP-P603X / NP-P663U / NP-P663U / NP-P350X / NP-P350W / NP-P4570W / NP-P4571W / NP-P6771W / NP-P6771W / NP-P603X / NP-P603X / NP-P603W / NP-P030W / N
16.0	July 6, 2018	Added the supported models. Corrected the error. "3. Supported Command List" NP-PA803UL / NP-PA653UL does NOT support the following command. 037-3. FILTER USAGE INFORMATION REQUEST	7.0	NP4100 / NP4100W NP-M420X / NP-M420XV / NP-M350X / NP-M300X / NP-M260X / NP-M230X / NP-M300W / NP-M260W / NP-M350XS / NP-M300XS / NP-M260XS / NP-M300WS / NP-M260WS NP-M403X / NP-M363X / NP-M363X / NP-M283X / NP-M403W / NP-M363W / NP-M323W / NP-M333XS / NP-M353WS / NP-M303WS / NP-M403H / NP-M323H / NP-M353HS / NP-M323H S / NP-M303HS NP-M402W / NP-M362W / NP-M362W / NP-M362X / NP-M322X / NP-M322W / NP-M352WS / NP-M302WS / NP-M322X / NP-M322W / NP-M352WS / NP-M302WS / NP-M322X / NP-M352W / NP-M3511X / NP-M311W / NP-M271W NP-M8401X / NP-M8361W / NP-M8331W / NP-M8301W / NP-ME401X / NP-ME361X / NP-ME331X / NP-ME301X NP-ME401X / NP-ME361X / NP-ME270X NP-P554U / NP-P474U / NP-P554W / NP-P474W / NP-P604X / NP-P603X / NP-P502W / NP-P523X / NP-P523X / NP-P520H / NP-P502W / NP-P452H / NP-P452W NP-P501X / NP-P350X / NP-P451H / NP-P452W NP-P501X / NP-P350X / NP-P350W NP-P420X / NP-P350X / NP-P350W NP-P420X / NP-P350X / NP-P350U / NP-PA603U / NP-PA723U / NP-PA653U / NP-PA803U / NP-PA723U / NP-PA653U / NP-PA622U / NP-PA621U / NP-PA671W / NP-PA721X / NP-PA571W / NP-PA671X / NP-PA621X / NP-PA600X / NP-PA500U /

				NP-PH1400U NP-PH1202HL / NP-PH1002HL NP-PH1000U NP-PX1004UL NP-PX803UL NP-PX50U / NP-PX500W / NP-PX800X NP-PX651X / NP-PX550W NP-PX620X / NP-PX550W NP-PX602UL / NP-PX602WL NP-U321H NP-U300X / NP-U250X / NP-U310W / NP-U260W NP-UM351W / NP-UM301W / NP-UM361X / NP-UM352W NP-UM350X / NP-UM280X / NP-UM330W / NP-UM280W NP-V332X / NP-V332W / NP-V302W / NP-V302H NP-V311W / NP-V281W / NP-V311X NP-V300X / NP-V260X / NP-V311X NP-V300 / NP-V260X / NP-V300W / NP-V260W / NP-V230X / NP-V260 / NP-V230 / NP-V260R NP-VE303X / NP-VE303 NP-VE281X / NP-VE280X / NP-VE281 / NP-VE280
15.1	January 17, 2018	Corrected the error. ■Selection signal type 078-3. INPUT STATUS REQUEST 305-3. BASIC INFORMATION REQUEST Model name: NP-PA803UL / NP-PA653UL NP-PA803U / NP-PA723U / NP-PA653U / NP-PA853W / NP-PA703W / NP-PA703W / NP-PA703W / NP-PA703W / NP-PA903X Input terminal: HDBaseT	6.1	Same as Revision 15.0.
15.0	November 10, 2017	Added the supported models.	6.1	NP4100 / NP4100W NP-M420X / NP-M320X / NP-M350X / NP-M300X / NP-M260X / NP-M320X / NP-M300W / NP-M260W / NP-M350XS / NP-M300XS / NP-M300W / NP-M260WS NP-M403X / NP-M363X / NP-M363X / NP-M363X / NP-M403W / NP-M363W / NP-M333X / NP-M363W / NP-M333W / NP-M333X / NP-M333W / NP-M333W / NP-M333W / NP-M333W / NP-M333W / NP-M332H / NP-M323H / NP-M323H / NP-M323H / NP-M323H / NP-M322X / NP-M322W / NP-M362W / NP-M362W / NP-M362W / NP-M322X / NP-M322X / NP-M322W / NP-M352WS / NP-M322X / NP-M322X / NP-M322W / NP-M352WS / NP-M322X / NP-M322X / NP-M322W / NP-M352WS / NP-M323X NP-M361X / NP-ME361W / NP-ME331W / NP-ME301W / NP-ME401W / NP-ME361W / NP-ME331W / NP-ME301W / NP-ME401W / NP-ME361X / NP-ME331W / NP-ME301W / NP-P603X / NP-P532X / NP-P502H / NP-P502W / NP-P502H / NP-P502W / NP-P452H / NP-P452W / NP-P502H / NP-P502W / NP-P452H / NP-P451W / NP-P4501X / NP-P4501X / NP-P350X / NP-P350X / NP-P350X / NP-P463U / NP-P350X / N
				NP-M420X / NP-M420XV / NP-M350X / NP-M300X / NP-M260X / NP-M230X / NP-M300W / NP-M260W / NP-M350XS / NP-M300XS / NP-M260XS / NP-M300WS / NP-M260WS NP-M403X / NP-M363X / NP-M323X / NP-M283X / NP-M403W / NP-M363W / NP-M323W / NP-M333XS / NP-M353WS / NP-M303WS / NP-M403H / NP-M323H / NP-M353HS / NP-M323HS / NP-M303HS

14.0	July 3, 2017 Added the supported models.	6.1	NP-M402W / NP-M362W / NP-M402X / NP-M362X / NP-M322X / NP-M322W / NP-M352WS / NP-M302WS / NP-M332XS NP-M361X / NP-M3511X / NP-M271X / NP-M311W / NP-M271W NP-ME401W / NP-ME361W / NP-ME331W / NP-ME301W / NP-ME301W / NP-ME360X / NP-ME361X / NP-ME331X / NP-ME301X NP-ME401X / NP-ME361X / NP-ME270X NP-ME401X / NP-ME361X / NP-ME270X NP-P534U / NP-P474U / NP-P554W / NP-P474W / NP-P604X / NP-P603X / NP-P502W / NP-P452H / NP-P451W / NP-P401W / NP-PE501X NP-P400X / NP-P350X / NP-P350W NP-P400X / NP-P350X / NP-P350W NP-P400X / NP-P350X / NP-P350W / NP-P452U / NP-PA622W / NP-PA522U / NP-PA622W / NP-PA572W / NP-PA572W / NP-PA703W / NP-PA622X / NP-PA622X / NP-PA622X / NP-PA622X / NP-PA521U / NP-PA521U / NP-PA571W / NP-PA721X / NP-PA621X / NP-PA600X / NP-PA500X / NP-PA550W / NP-PA500U NP-PH1400U NP-PH100U NP-PX603UL / NP-PX50W / NP-PX600X / NP-PX601L / NP-PX6
13.1	May 15, 2017 Updated the Reference number	er. 6.1	Same as Revision 13.0. NP4100 / NP4100W
13.0	Added the supported models. Added the following command sheet "3. Supported Command List". 051. LENS MUTE ON (SHUTTER CLOSE) 052. LENS MUTE OFF (SHUTTER OPEN)		NP-M420X / NP-M420XV / NP-M350X / NP-M300X / NP-M260X / NP-M230X / NP-M300W / NP-M260W / NP-M350XS / NP-M300XS / NP-M260XS / NP-M360XX / NP-M360X / NP-M260WS NP-M403X / NP-M363X / NP-M323X / NP-M233X / NP-M323X / NP-M322X / NP-M32X / NP-M322X / NP-M322X / NP-M322X / NP-M322X / NP-M322X / NP-M32X / NP-M321X / NP-M271X / NP-M271W / NP-M271W / NP-M271W / NP-M271W / NP-M271W / NP-M270X / NP-M260X / NP-M261X / NP-M260X / NP-M261X / NP-M261X / NP-P461X / NP-P452W / NP-P401W / NP-PE501X / NP-P461X / NP-P461X / NP-P461W / NP-P461X / NP-P462X / NP-PA622X / NP-PA622X / NP-PA622X / NP-PA621X / NP-PA621X / NP-PA621X / NP-PA621X / NP-PA600X / NP-PA500X / NP-PA550W / NP-PA500U / NP-P11000U / NP-P11000U / NP-PX600X / NP-PX600X / NP-PX600X / NP-PX600X / NP-PX60W / NP-PX600X / NP-V300X / NP-V300X / NP-U300X / NP-U260X / NP-U300X / NP-U260X / NP-U300X / NP-U260X / NP-U300X / NP-U260X / NP-U300X / NP-U300X / NP-U260X / NP-U300X / NP-U300X / NP-U300X / NP-M300X / NP-

12.0	October 25, 2016	Added the supported models.	5.0	NP-M403X / NP-M363X / NP-M323X / NP-M303W / NP-M363W / NP-M303X / NP-M323W / NP-M303W / NP-M303X / NP-M303X / NP-M303W / NP-M303H / NP-M302W / NP-M362W / NP-M302X / NP-M322X / NP-M322X / NP-M322W / NP-M352W / NP-M302W / NP-M32X / NP-M32X / NP-M31X / NP-M311X / NP-M271X / NP-M311W / NP-M271W / NP-ME401W / NP-ME361W / NP-ME331W / NP-ME301X / NP-P502W / NP-P502W / NP-P452W / NP-P502H / NP-P502W / NP-P452H / NP-P452W / NP-P501X / NP-P451X / NP-P452H / NP-P451W / NP-P4501X / NP-P4501X / NP-P450X / NP-P350X / NP-P350W / NP-P4622X / NP-P350X / NP-P350W / NP-P4622X / NP-PA622X / NP-PA622X / NP-PA621X / NP-PA621X / NP-PA621X / NP-PA500X / NP-PA500U / NP-PA500U / NP-PH1000U / NP-PH1000U / NP-PH1000U / NP-PH1000U / NP-PX803UL / NP-PX803UL / NP-PX803UL / NP-PX803UL / NP-PX50U / NP-PX50W / NP-PX60X / NP-PX50U / NP-PX60X / NP-NX60X / NP-NX30X / NP-NX60X / NP-NX60X / NP-NX30X / NP-NX60X / NP-NX30X / NP-NX60X / NP-NX30X / NP-NX60X / NP-NX30X / NP-NX60X / NP-NX60X / NP-NX30X / NP-NX60X / NP-NX
11.0	February 29, 2016	Added the supported models. Corrected [Aspect] sheet. ("WIDE ZOOM" is enabled by the WXGA model, and "LETTERBOX" is enabled by a XGA model about M403 / M402 / UM351 Series.)	5.0	NP-M260X\$ / NP-M300W\$ / NP-M260W\$ NP-M403X / NP-M363X / NP-M323X / NP-M283X / NP-M403W / NP-M363W / NP-M323W / NP-M333X5 / NP-M353W\$ / NP-M303W\$ / NP-M333X9 / NP-M333X5 / NP-M303W\$ / NP-M403H / NP-M332X9 / NP-M353H\$ / NP-M322X / NP-M302X / NP-M322X / NP-M362W / NP-M362W / NP-M362X / NP-M322X\$ NP-M361X / NP-M352W\$ / NP-M311X / NP-M271X / NP-M311W / NP-M271W NP-M360X / NP-M311X / NP-M271X / NP-M311W / NP-M271W NP-P502H / NP-P502W L NP-P502H / NP-P502W / NP-P452H / NP-P452W NP-P501X / NP-P451X / NP-P451W / NP-P452W NP-P501X / NP-P350X / NP-P350W NP-P40X / NP-P350X / NP-P350W NP-P40X / NP-P350X / NP-P350W NP-P4721X / NP-PA622U / NP-PA622U / NP-PA671W / NP-PA722X / NP-PA622X / NP-PA621U / NP-PA521U / NP-PA671W / NP-PA771X / NP-PA601X / NP-PA521U / NP-PA500U NP-PH1400U NP-PH1400U NP-PH1002HL NP-PH1000U NP-PX803UL NP-PX601X / NP-PX550W / NP-PX601X / NP-PX600X / NP-PX601X / NP-PX500X / NP-PX600X / NP-UM301X / NP-UM301X / NP-UM301X / NP-UM301X / NP-UM301X / NP-UM300X / NP-UM300X / NP-UM300X / NP-UM300X / NP-UM300X / NP-U300X / NP-U260R / NP-U300X / NP-U260R / NP-U230X / NP-U2200X / NP-U2280 / NP-U2280X / NP-U2280 /
				NP4100 / NP4100W NP-M420X / NP-M420XV / NP-M350X / NP-M300X / NP-M260X / NP-M230X / NP-M300W / NP-M260W / NP-M350XS / NP-M300XS / NP-M260XS / NP-M300WS / NP-M260WS NP-M403X / NP-M363X / NP-M323X / NP-M283X / NP-M403W / NP-M363W / NP-M323W / NP-M353XS / NP-M353WS / NP-M303WS / NP-M403H / NP-M323H / NP-M353HS / NP-M323HS / NP-M303HS NP-M402W / NP-M362W / NP-M402X / NP-M362X / NP-M322X / NP-M282X / NP-M322W / NP-M352WS / NP-M302WS / NP-M332XS NP-M361X / NP-M311X / NP-M271X / NP-M311W / NP-M271W

10.0	February 17, 2016	Added the supported models. (Added the models supported at Revision1.0)	5.0	NP-ME360X / NP-ME310X / NP-ME270X NP-P502H / NP-P502W
9.0	January 6, 2016	Added the Copyright on all pages.	5.0	Same as Revision 8.0.
8.0	December 21, 2015	Added the supported models.	4.0	NP-M403X / NP-M363X / NP-M323X / NP-M283X / NP-M403W / NP-M363W / NP-M323W / NP-M333XS / NP-M353WS / NP-M303WS / NP-M303WS / NP-M403H / NP-M323H / NP-M353HS / NP-M323HS / NP-M303HS NP-M402W / NP-M362W / NP-M402X / NP-M362X / NP-M322X / NP-M322X / NP-M322X / NP-M322X / NP-M322W / NP-M322WS / NP-M332XS NP-P502H / NP-P502W / NP-P452H / NP-P452W NP-P602W / NP-P602W / NP-P452H / NP-P4572W / NP-PA672U / NP-PA672U / NP-PA672U / NP-PA671W / NP-PA672U / NP-PA671U / NP-PA671W / NP-PA671W / NP-PA671X / NP-PA621X / NP-PH1002HL / NP-PA602HL / NP-PX601W / NP-PX601W / NP-PX601W / NP-PX601W / NP-PX601W / NP-PX601W / NP-N501W / NP-UM361X / NP-UM351W / NP-UM352W NP-V332X / NP-V332W / NP-V302X / NP-V302W / NP-V302H
7.0	December 11, 2015	Added the supported models.	4.0	NP-M403X / NP-M363X / NP-M323X / NP-M283X / NP-M403W / NP-M363W / NP-M323W / NP-M333XS / NP-M353WS / NP-M303WS / NP-M403H / NP-M333XS / NP-M353HS / NP-M303HS NP-M402W / NP-M362W / NP-M362W / NP-M362W / NP-M362X / NP-M322X / NP-M322X / NP-M352WS / NP-M352WS / NP-M302WS / NP-M332XS NP-P502HL / NP-P502WL NP-PA622U / NP-PA622U / NP-PA622U / NP-PA672W / NP-PA672W / NP-PA722X / NP-PA622X / NP-PA622U / NP-PA521U / NP-PA671W / NP-PA571W / NP-PA621X / NP-PA621X / NP-PA621X / NP-PA621X / NP-PA621X / NP-PA621X / NP-PA602WL / NP-PX601X / NP-PX601X / NP-PX601X / NP-PX601X / NP-PX601X / NP-PX601X / NP-NX601X / NP-UM361X / NP-UM361X / NP-UM352W / NP-V302X / NP-
6.0	September 28, 2015	Added the supported models.	3.0	NP-M403X / NP-M363X / NP-M323X / NP-M283X / NP-M403W / NP-M363W / NP-M323W / NP-M333XS / NP-M353WS / NP-M303WS / NP-M303WS / NP-M403H / NP-M323H / NP-M353HS / NP-M323HS / NP-M303HS NP-M402W / NP-M362W / NP-M402X / NP-M362X / NP-M322X / NP-M322X / NP-M322X / NP-M322W / NP-M322W / NP-M302WS / NP-M332XS NP-P502HL / NP-P502WL NP-PA672U / NP-PA572U / NP-PA572U / NP-PA572U / NP-PA572U / NP-PA571W / NP-PA622X / NP-PA621U / NP-PA521U / NP-PA671W / NP-PA571W / NP-PA721X / NP-PA621X NP-PH1002HL / NP-PH1002HL NP-Y651X / NP-PX602UL / NP-PX602UL / NP-PX602UL / NP-PX602UL / NP-PX602UL / NP-PX602UL / NP-N302W NP-V302H NP-UM301X / NP-UM301W / NP-UM361X / NP-UM351W / NP-UM352W NP-V332X / NP-V332W / NP-V302X / NP-V302H

5.0	August 7, 2015	Added the supported models.	3.0	NP-M403X / NP-M363X / NP-M323X / NP-M283X / NP-M403W / NP-M363W / NP-M323W / NP-M333XS / NP-M353WS / NP-M303WS / NP-M403H / NP-M323H / NP-M353HS / NP-M323H S / NP-M303HS NP-M402W / NP-M362W / NP-M362X / NP-M362X / NP-M322X / NP-M322W / NP-M352WS / NP-M302WS / NP-M32XS NP-PA622U / NP-PA522U / NP-PA672W / NP-PA572W / NP-PA722X / NP-PA622X / NP-PA621U / NP-PA521U / NP-PA671W / NP-PA571W / NP-PA721X / NP-PA621X NP-PA621X NP-PA651X / NP-PH1002HL NP-PX603UL / NP-PX602UL / NP-PX602WL NP-PX602UL / NP-PX602WL NP-U302X / NP-U3031X / NP-UM301X / NP-UM301X / NP-UM361X / NP-UM351W / NP-UM352W NP-V332X / NP-V332W / NP-V302X / NP-V302X / NP-V302H
4.0	August 3, 2015	Added the supported models. Corrected [3. Supported Command List] sheet. (NP-U321H: "024. ONSCREEN MUTE ON" command is not supported.)	3.0	NP-M403X / NP-M363X / NP-M323X / NP-M283X / NP-M403W / NP-M363W / NP-M323W / NP-M333XS / NP-M353WS / NP-M303WS / NP-M403H / NP-M323H NP-M402W / NP-M362W / NP-M402X / NP-M362X / NP-M322X / NP-M262X / NP-M322X / NP-M322W / NP-M322W / NP-M322W / NP-PA622U / NP-PA622U / NP-PA672W / NP-PA572W / NP-PA722X / NP-PA622X / NP-PA621U / NP-PA521U / NP-PA671W / NP-PA71X / NP-PA621X NP-PH1002HL NP-PX651X / NP-PH1002HL NP-PX651X / NP-PX602U / NP-PX602WL NP-PX602U / NP-PX602WL NP-W302X / NP-W301X / NP-UM351W / NP-UM351W / NP-UM352W NP-V302X / NP-V302X / NP-V302Y / NP-V302H
3.0	June 16, 2015	Added the supported command.	3.0	Same as Revision 2.0.
2.0	May 29, 2015	Changed the supported models. Added the supported commands.	2.0	NP-M402W / NP-M362W / NP-M402X / NP-M362X / NP-M322X / NP-M282X / NP-M352WS / NP-M352WS / NP-M352WS / NP-M352WS / NP-PA672W / NP-PA572W / NP-PA522U / NP-PA672W / NP-PA572W / NP-PA621U / NP-PA521U / NP-PA671W / NP-PA571W / NP-PA721X / NP-PA621X NP-PH1202HL / NP-PH1002HL NP-PX651X / NP-PX651X / NP-PX661W / NP-PX602UL / NP-PX602WL NP-PX602UL / NP-PX602WL NP-UM301X / NP-UM301W / NP-UM361X / NP-UM351W / NP-UM352W
1.0	August 22, 2014	First version	1.0	NP4100 / NP4100W NP-M420X / NP-M420XV / NP-M350X / NP-M300X / NP-M260X / NP-M230X / NP-M300W / NP-M260W / NP-M350XS / NP-M300XS / NP-M260XS / NP-M300WS / NP-M260WS NP-M300WS / NP-M260WS NP-M300WS / NP-M362W / NP-M302WS / NP-M332XS NP-M361X / NP-M311X / NP-M271X / NP-M311W / NP-M271W NP-M360X / NP-M311X / NP-M271X / NP-M311W / NP-M271W NP-ME360X / NP-ME310X / NP-ME270X NP-P501X / NP-P451X / NP-P451W / NP-P401W / NP-PE501X NP-P420X / NP-P350X / NP-P350W NP-P420X / NP-P350X / NP-P350W NP-P401H NP-PA622U / NP-PA522U / NP-PA672W / NP-PA572W / NP-PA722X / NP-PA622X / NP-PA621U / NP-PA521U / NP-PA671W / NP-PA571W / NP-PA721X / NP-PA621X NP-PA600X / NP-PA500X / NP-PA550W / NP-PA500U NP-PH1400U NP-PH1400U NP-PH1000U NP-PX750U / NP-PX700W / NP-PX800X NP-N250U / NP-PX550W NP-U3300X / NP-U250X / NP-U310W / NP-U260W NP-U3300X / NP-U250X / NP-U311X NP-V300X / NP-V281W / NP-V311X NP-V300X / NP-V260X / NP-V300W / NP-V230X / NP-V260 / NP-V230 / NP-V260R NP-V230 / NP-V260R

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1. Connecting an External Device

<Conventions>
O: Supported
-: Not supported

			Serial port					
Model name	4800bps	9600bps	19200bps	19200bps 38400bps		LAN port	Wireless LAN unit	
NP4100 / NP4100W	0	0	0	0	_	0	_	
NP-M420X / NP-M420XV NP-M350X / NP-M300X / NP-M260X / NP-M230X / NP-M300W / NP-M260W / NP-M350XS / NP-M300XS / NP-M260XS / NP-M300WS / NP-M260WS	0	0	0	0	_	0	0	
NP-M403X / NP-M363X / NP-M323X / NP-M283X / NP-M403W / NP-M363W / NP-M323W / NP-M333XS / NP-M353WS / NP-M303WS / NP-M403H / NP-M323H / NP-M353HS / NP-M323HS / NP-M303HS	0	0	0	0	-	0	0	
NP-M402W / NP-M362W / NP-M402X / NP-M362X / NP-M322X / NP-M282X / NP-M322W / NP-M352WS / NP-M302WS / NP-M332XS	0	0	0	0	_	0	0	
NP-M361X / NP-M311X / NP-M271X / NP-M311W / NP-M271W	0	0	0	0	_	0	0	
NP-ME401W / NP-ME361W / NP-ME331W / NP-ME301W / NP-ME401X / NP-ME361X / NP-ME331X / NP-ME301X	0	0	0	0	_	0	0	
NP-ME360X / NP-ME310X / NP-ME270X	0	0	0	-	_	-	_	
NP-P554U / NP-P474U / NP-P554W / NP-P474W / NP-P604X / NP-P603X / NP-P523X / NP-PE523X	0	0	0	0	-	0	0	
NP-P605UL / NP-P525UL / NP-P525WL	0	0	0	0	_	0	0	
NP-P502HL / NP-P502WL NP-P502H / NP-P502W / NP-P452H / NP-P452W	0	0	0	0	_	0	0	
NP-P501X / NP-P451X / NP-P451W / NP-P401W	0	0	0	0	_	0	0	
NP-P420X / NP-P350X / NP-P350W	0	0	0	0	_	0	0	
NP-PE501X	0	0	0	0	-	-	_	
NP-PE401H	_	_	_	0	_	0	_	
NP-PA1004UL / NP-PA804UL	0	0	0	0	0	0	_	
NP-PA803UL / NP-PA653UL NP-PA803U / NP-PA723U / NP-PA653U / NP-PA853W / NP-PA703W / NP-PA903X	0	0	0	0	0	0	-	
NP-PA622U / NP-PA522U / NP-PA672W / NP-PA572W / NP-PA722X / NP-PA622X	0	0	0	0	0	0	-	
NP-PA621U / NP-PA521U / NP-PA671W / NP-PA571W / NP-PA721X / NP-PA621X	0	0	0	0	0	0	0	
NP-PA600X / NP-PA500X / NP-PA550W / NP-PA500U	0	0	0	0	0	0	0	
NP-PH3501QL / NP-PH2601QL	0	0	0	0	0	0	_	
NP-PH1400U	0	0	0	0	0	0	0	
NP-PH1202HL / NP-PH1002HL	0	0	0	0	0	0	_	
NP-PH1000U	0	0	0	0	0	0	0	
NP-PX2000UL	_	0	_	_	_	0	_	
NP-PX1005QL	0	0	0	0	0	0	_	
NP-PX1004UL NP-PX803UL	0	0	0	0	0	0	-	
NP-PX750U / NP-PX700W / NP-PX800X	0	0	0	0	0	0	0	
NP-PX651X / NP-PX581W	_	0	0	0	_	0	_	
NP-PX620X / NP-PX550W	0	0	0	0	_	0	_	
NP-PX602UL / NP-PX602WL	0	0	0	0	0	0	_	
NP-U321H NP-U300X / NP-U250X / NP-U310W / NP-U260W		_	_	0		0	_	
NP-U300X / NP-U230X / NP-U2510W / NP-U250W NP-UM351W / NP-UM301W / NP-UM361X / NP-UM301X NP-UM352W	0	0	0	0	_	0	0	
NP-UM330X / NP-UM280X / NP-UM330W / NP-UM280W	0	0	0	0	_	0	0	
NP-V332X / NP-V332W / NP-V302X / NP-V302W / NP-V302H	_	_	_	0	_	0	_	
NP-V311W / NP-V281W / NP-V311X	0	0	0	0	_	0	_	
NP-V300X / NP-V260X / NP-V300W / NP-V260W	0	0	0	0	_	0	_	
NP-V230X / NP-V260 / NP-V230 / NP-V260R	0	0	0	0	_	_	_	
NP-VE303X / NP-VE303	_	_	_	0	_	_	_	
NP-VE281X / NP-VE280X / NP-VE281 / NP-VE280	0	0	0	0	_	_	_	
	· · · · · · · · · · · · · · · · · · ·				1	L	1	

2. Standby Mode setting for receiving commands

The Standby Mode setting that can receive commands is different depending on the model. Please see the table below.

Target command: "015. POWER ON"

	Setting of the Standby Mode					
Model name	When connected using a serial cable	When connected using via a wired LA				
NP4100 / NP4100W	Normal	Normal				
NP-M420X / NP-M420XV NP-M350X / NP-M300X / NP-M260X / NP-M230X / NP-M300W / NP-M260W / NP-M350XS / NP-M300XS / NP-M260XS / NP-M300WS / NP-M260WS	NORMAL, POWER-SAVING	NORMAL				
NP-M403X / NP-M363X / NP-M323X / NP-M283X / NP-M403W / NP-M363W / NP-M323W / NP-M333XS / NP-M353WS / NP-M303WS / NP-M403H / NP-M323H / NP-M353HS / NP-M323HS / NP-M303HS	NORMAL, NETWORK STANDBY	NETWORK STANDBY				
NP-M402W / NP-M362W / NP-M402X / NP-M362X / NP-M322X / NP-M282X / NP-M322W / NP-M352WS / NP-M302WS / NP-M332XS	NORMAL, NETWORK STANDBY	NETWORK STANDBY				
NP-M361X / NP-M311X / NP-M271X / NP-M311W / NP-M271W	NORMAL, POWER-SAVING	NORMAL				
NP-ME401W / NP-ME361W / NP-ME331W / NP-ME301W / NP-ME401X / NP-ME361X / NP-ME331X / NP-ME301X	NORMAL, NETWORK STANDBY	NETWORK STANDBY				
NP-ME360X / NP-ME310X / NP-ME270X	NORMAL, POWER-SAVING					
NP-P554U / NP-P474U / NP-P554W / NP-P474W / NP-P604X / NP-P603X / NP-P523X / NP-PE523X	NORMAL, NETWORK STANDBY	NETWORK STANDBY				
NP-P605UL / NP-P525UL / NP-P525WL	NORMAL, NETWORK STANDBY, SLEEP	NETWORK STANDBY, SLEEP				
NP-P502HL / NP-P502WL NP-P502H / NP-P502W / NP-P452H / NP-P452W	NORMAL, NETWORK STANDBY	NETWORK STANDBY				
NP-P501X / NP-P451X / NP-P451W / NP-P401W	NORMAL, POWER-SAVING, NETWORK STANDBY	NORMAL, NETWORK STANDBY				
NP-P420X / NP-P350X / NP-P350W	NORMAL, POWER-SAVING	NORMAL				
NP-PE501X	NORMAL, POWER-SAVING					
NP-PE401H	NORMAL	NORMAL				
NP-PA1004UL / NP-PA804UL	OFF, ON	OFF, ON				
NP-PA803UL / NP-PA653UL NP-PA803U / NP-PA723U / NP-PA653U / NP-PA853W / NP-PA703W / NP-PA903X	NORMAL, SLEEP	NORMAL, SLEEP				
NP-PA622U / NP-PA522U / NP-PA672W / NP-PA572W / NP-PA722X / NP-PA622X	NORMAL, HTBaseT STANDBY	HTBaseT STANDBY				
NP-PA621U / NP-PA521U / NP-PA671W / NP-PA571W / NP-PA721X / NP-PA621X	NORMAL, NETWORK STANDBY	NETWORK STANDBY				
NP-PA600X / NP-PA500X / NP-PA550W / NP-PA500U	NORMAL, POWER-SAVING, NETWORK STANDBY	NORMAL, NETWORK STANDBY				
NP-PH1400U	NORMAL, POWER-SAVING, NETWORK STANDBY	NORMAL, NETWORK STANDBY				
NP-PH1202HL / NP-PH1002HL	NORMAL, NETWORK STANDBY	NETWORK STANDBY				
NP-PH1000U	NORMAL, POWER-SAVING, NETWORK STANDBY	NORMAL, NETWORK STANDBY				
NP-PX2000UL	STANDBY POWER ON	STANDBY POWER ON				
NP-PX1005QL NP-PX1004UL	NORMAL, SLEEP NORMAL, NETWORK STANDBY	NORMAL, SLEEP NETWORK STANDBY				
NP-PX803UL NP-PX750U / NP-PX700W / NP-PX800X	NORMAL, POWER-SAVING, NETWORK STANDBY	NORMAL, NETWORK STANDBY				
NP-PX651X / NP-PX581W	NORMAL, NETWORK STANDBY	NETWORK STANDBY				
NP-PX620X / NP-PX550W	Normal	Normal				
NP-PX602UL / NP-PX602WL	NORMAL, NETWORK STANDBY	NETWORK STANDBY				
NP-U321H	NORMAL, NETWORK STANDBY	NETWORK STANDBY				
NP-U300X / NP-U250X / NP-U310W / NP-U260W	Normal	Normal				
NP-UM351W / NP-UM301W / NP-UM361X / NP-UM301X NP-UM352W	NORMAL, NETWORK STANDBY	NETWORK STANDBY				
NP-UM330X / NP-UM280X / NP-UM330W / NP-UM280W	NORMAL, POWER-SAVING	NORMAL				
NP-V332X / NP-V332W / NP-V302X / NP-V302W / NP-V302H	NORMAL, NETWORK STANDBY	NETWORK STANDBY				
NP-V311W / NP-V281W / NP-V311X	NORMAL, POWER-SAVING	NORMAL				
NP-V300X / NP-V260X / NP-V300W / NP-V260W	NORMAL, POWER-SAVING	NORMAL				
NP-V230X / NP-V260 / NP-V230 / NP-V260R	NORMAL, POWER-SAVING					

 $[\]ensuremath{\mathbb{X}}$ The following models use a different menu item name.

 $[\]cdot \ \mathsf{NP}\text{-}\mathsf{PX2000UL}; \ \mathsf{STANDBY} \ \mathsf{POWER}$

<Conventions>
O: Supported
-: Not supported

Command	NP4100 NP4100W (firmware version 1.02 or later)	NP-M420X NP-M350X NP-M300X NP-M260X NP-M230X NP-M230X NP-M260W	NP-M420XV	NP-M403X NP-M363X NP-M323X NP-M363W NP-M363W NP-M333WS NP-M353WS NP-M303WS NP-M303WS NP-M303WS NP-M303WS NP-M303WS	NP-M402W NP-M362W NP-M402X NP-M362X NP-M322X NP-M282X NP-M282X NP-M322W NP-M352WS NP-M352WS NP-M332XS	NP-M361X NP-M311X NP-M271X NP-M311W NP-M271W	NP-M350XS NP-M300XS NP-M260XS NP-M300WS NP-M260WS
009. ERROR STATUS REQUEST	0	0	0	0	0	0	0
015. POWER ON	0	0	0	0	0	0	0
016. POWER OFF	0	0	0	0	0	0	0
018. INPUT SW CHANGE	0	0	0	0	0	0	0
020. PICTURE MUTE ON	0	0	0	0	0	0	0
021. PICTURE MUTE OFF	0	0	0	0	0	0	0
022. SOUND MUTE ON	0	0	-	0	0	0	0
023. SOUND MUTE OFF	0	0	-	0	0	0	0
024. ONSCREEN MUTE ON 025. ONSCREEN MUTE OFF	0	0	0 -	0	0	0	0
030-1. PICTURE ADJUST	0	0	0	0	0	0	0
030-2. VOLUME ADJUST	0	0	_	0	0	0	0
030-12. ASPECT ADJUST	_		-	0	0		_
030-15. OTHER ADJUST	-	-	-	-	-	-	-
037. INFORMATION REQUEST	_	-	_	0	0	-	_
037-3. FILTER USAGE INFORMATION REQUEST	_	0	0	-	-	0	0
037-4. LAMP INFORMATION REQUEST 3	0	0	0	0	0	0	0
037-6. CARBON SAVINGS INFORMATION REQUEST	_	-	-	0	0	-	_
050. REMOTE KEY CODE	_	0	0	0	0	0	0
051. LENS MUTE ON (SHUTTER CLOSE)	-	-	-	-	-	-	_
052. LENS MUTE OFF (SHUTTER OPEN)	_	-	_	_	_	-	_
053. LENS CONTROL 053-1. LENS CONTROL REQUEST	_	_	_	_	-	_	_
053-2. LENS CONTROL 2	_	_	_	_	_	_	_
053-3. LENS MEMORY CONTROL	_	_	_	_	_	_	_
053-4. REFERENCE LENS MEMORY CONTROL	_	-	_	_	_	-	_
053-5. LENS MEMORY OPTION REQUEST	_	_	_	-	_	_	_
053-6. LENS MEMORY OPTION SET	_	-	_	-	-	-	_
053-7. LENS INFORMATION REQUEST	_	-	_	-	-	-	_
053-10. LENS PROFILE SET	-	-	-	-	-	-	_
053-11. LENS PROFILE REQUEST	_	-	-	-	-	-	_
060-1. GAIN PARAMETER REQUEST 3	0	-	-	_	-	-	_
078-1. SETTING REQUEST	_	-	-	0	0	-	-
078-2. RUNNING STATUS REQUEST	_	_	_	0	0	_	_
078-3. INPUT STATUS REQUEST	_	_	_	0	0	_	_
078-4. MUTE STATUS REQUEST 078-5. MODEL NAME REQUEST	_	-	_	0	0	_	_
078-6. COVER STATUS REQUEST		0	0	0	0	0	_
079. FREEZE CONTROL	0	0	0	0	0	0	0
084. INFORMATION STRING REQUEST	_	0	0	0	0	0	0
097-8. ECO MODE REQUEST	0	0	0	0	0	0	0
097-45. LAN PROJECTOR NAME REQUEST	_	0	0	0	0	0	0
097-155. LAN MAC ADDRESS STATUS REQUEST2	-	0	0	0	0	0	0
097-198. PIP/PICTURE BY PICTURE REQUEST	_	_	_	-	_	_	-
097-243-1. EDGE BLENDING MODE REQUEST	-	-	-	-	-	-	-
098-8. ECO MODE SET	_	-	-	0	0	-	-
098-45. LAN PROJECTOR NAME SET	_	0	0	0	0	0	0
098-198. PIP/PICTURE BY PICTURE SET	_	_	_	_	_	_	_
098-243-1. EDGE BLENDING MODE SET 305-1. BASE MODEL TYPE REQUEST		_		-	_		-
305-1. BASE MODEL TYPE REQUEST 305-2. SERIAL NUMBER REQUEST	0	0	0	0	0	0	0
305-3. BASIC INFORMATION REQUEST	0	0	0	0	0	0	0
319-10. AUDIO SELECT SET	_	_	-	_	_	_	_
The second secon							

<Conventions>
O: Supported
-: Not supported

Command	NP-ME401W NP-ME361W NP-ME331W NP-ME301W NP-ME401X NP-ME361X NP-ME361X NP-ME301X	NP-ME360X NP-ME310X NP-ME270X	NP-P554U NP-P474U NP-P554W NP-P474W NP-P604X NP-P603X NP-P523X NP-P523X	NP-P605UL NP-P525UL NP-P525WL	NP-P502HL NP-P502WL NP-P502H NP-P502W NP-P452H NP-P452H	NP-P501X NP-P451X NP-P451W NP-P401W	NP-P420X NP-P350X NP-P350W
009. ERROR STATUS REQUEST	0	0	0	0	0	0	0
015. POWER ON	0	0	0	0	0	0	0
016. POWER OFF	0	0	0	0	0	0	0
018. INPUT SW CHANGE	0	0	0	0	0	0	0
020. PICTURE MUTE ON	0	0	0	0	0	0	0
021. PICTURE MUTE OFF	0	0	0	0	0	0	0
022. SOUND MUTE ON	0	0	0	0	0	0	0
023. SOUND MUTE OFF	0	0	0	0	0	0	0
024. ONSCREEN MUTE ON	0	0	0	0	0	0	0
025. ONSCREEN MUTE OFF	-	-	_	-	0	-	-
030-1. PICTURE ADJUST	0	0	0	0	0	0	0
030-2. VOLUME ADJUST	0	0	0	0	0	0	0
030-12. ASPECT ADJUST	0	-	0	0	0	-	-
030-15. OTHER ADJUST	-	_	_	0	-	_	_
037. INFORMATION REQUEST	0	-	0	0	0	-	_
037-3. FILTER USAGE INFORMATION REQUEST	0	0	0	_		0	0
037-4. LAMP INFORMATION REQUEST 3	0	0	0	0	0	0	0
037-6. CARBON SAVINGS INFORMATION REQUEST	0	_	0	0	0	_	_
050. REMOTE KEY CODE	0	0	0	0	0	0	0
051. LENS MUTE ON (SHUTTER CLOSE)	-	_	_	-	_	_	-
052. LENS MUTE OFF (SHUTTER OPEN)	_	-	-	-	-	-	_
053. LENS CONTROL 053-1. LENS CONTROL REQUEST	_	_	_	_	_	_	_
053-2. LENS CONTROL 2	_	_	_	_	_	_	_
053-3. LENS MEMORY CONTROL	_			_			_
053-4. REFERENCE LENS MEMORY CONTROL	_	_	_	_	_	_	_
053-5. LENS MEMORY OPTION REQUEST	_	_	_	_	-	_	_
053-6. LENS MEMORY OPTION SET	_	_	_	_	_	_	_
053-7. LENS INFORMATION REQUEST	_	_	_	_	_	_	_
053-10. LENS PROFILE SET	_	_	_	_	_	_	_
053-11. LENS PROFILE REQUEST	_	_	_	_	_	_	_
060-1. GAIN PARAMETER REQUEST 3	0	-	0	0	-	-	_
078-1. SETTING REQUEST	0	-	0	0	0	-	-
078-2. RUNNING STATUS REQUEST	0	-	0	0	0	-	-
078-3. INPUT STATUS REQUEST	0		0	0	0		-
078-4. MUTE STATUS REQUEST	0	-	0	0	0	-	_
078-5. MODEL NAME REQUEST	0	-	0	0	0	-	_
078-6. COVER STATUS REQUEST	-	-	_	0	-	0	0
079. FREEZE CONTROL	0	0	0	0	0	0	0
084. INFORMATION STRING REQUEST	0	0	0	0	0	0	0
097-8. ECO MODE REQUEST	0	0	0	0	0	0	0
097-45. LAN PROJECTOR NAME REQUEST	0	-	0	0	0	0	0
097-155. LAN MAC ADDRESS STATUS REQUEST2	0	-	0	0	0	0	0
097-198. PIP/PICTURE BY PICTURE REQUEST	-	_	-	0	_	_	-
097-243-1. EDGE BLENDING MODE REQUEST	-	-	-	-	-	-	-
098-8. ECO MODE SET	0	_	0	0	0	_	
098-45. LAN PROJECTOR NAME SET 098-198. PIP/PICTURE BY PICTURE SET	0 –	_	<u> </u>	0	<u> </u>	0	0 –
098-198. PIP/PICTORE BY PICTORE SET		_	_	0		_	
305-1. BASE MODEL TYPE REQUEST	0	0	0	0	0	0	0
305-1. BASE MODEL TYPE REQUEST 305-2. SERIAL NUMBER REQUEST	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
305-3. BASIC INFORMATION REQUEST							

<Conventions>
O: Supported
-: Not supported

Command			NP-PA1004UL NP-PA804UL	NP-PA803UL NP-PA653UL	NP-PA803U NP-PA653U NP-PA653U NP-PA853W NP-PA703W NP-PA903X	NP-PA622U NP-PA522U NP-PA672W NP-PA572W NP-PA622X NP-PA621U NP-PA671W NP-PA571W NP-PA721X NP-PA621X	NP-PA600X NP-PA500X NP-PA550W NP-PA500U
009. ERROR STATUS REQUEST	0	0	0	0	0	0	0
015. POWER ON	0	0	0	0	0	0	0
016. POWER OFF	0	0	0	0	0	0	0
018. INPUT SW CHANGE	0	0	0	0	0	0	0
020. PICTURE MUTE ON	0	0	0	0	0	0	0
021. PICTURE MUTE OFF	0	0	0	0	0	0	0
022. SOUND MUTE ON	0	0	0	0	0	0	0
023. SOUND MUTE OFF	0	0	0	0	0	0	0
024. ONSCREEN MUTE ON 025. ONSCREEN MUTE OFF	0 -	0 -	0	0	0	0	0
030-1. PICTURE ADJUST	0	0	0	0	0	0	0
030-2. VOLUME ADJUST	0	0	0	0	0	0	0
030-12. ASPECT ADJUST	-	_	0	0	0	0	_
030-15. OTHER ADJUST	_	-	0	0	0	0	_
037. INFORMATION REQUEST	-	-	0	0	0	0	_
037-3. FILTER USAGE INFORMATION REQUEST	0	0	_	-	0	0	0
037-4. LAMP INFORMATION REQUEST 3	0	0	0	0	0	0	0
037-6. CARBON SAVINGS INFORMATION REQUEST	_	-	0	0	0	0	-
050. REMOTE KEY CODE	0	0	0	0	0	0	0
051. LENS MUTE ON (SHUTTER CLOSE)	-	-	0	-	_	_	_
052. LENS MUTE OFF (SHUTTER OPEN)	_	-	0	-	-	-	_
053. LENS CONTROL 053-1. LENS CONTROL REQUEST	_	_	0	0	0	_	_
053-2. LENS CONTROL 2	_	_	0	0	0	_	_
053-3. LENS MEMORY CONTROL	_	_	0	0	0	_	_
053-4. REFERENCE LENS MEMORY CONTROL	_	-	0	0	0	_	_
053-5. LENS MEMORY OPTION REQUEST	_	-	0	0	0	_	_
053-6. LENS MEMORY OPTION SET	-	-	0	0	0	-	_
053-7. LENS INFORMATION REQUEST	_	-	0	0	0	_	_
053-10. LENS PROFILE SET	_	-	0	0	0	-	_
053-11. LENS PROFILE REQUEST	-	-	0	0	0	_	_
060-1. GAIN PARAMETER REQUEST 3	_	-	0	0	0	0	0
078-1. SETTING REQUEST	_	-	0	0	0	0	_
078-2. RUNNING STATUS REQUEST	_	_	0	0	0	0	_
078-3. INPUT STATUS REQUEST	_	_	0	0	0	0	_
078-4. MUTE STATUS REQUEST 078-5. MODEL NAME REQUEST	_	_	0	0	0	0	_
078-6. COVER STATUS REQUEST	0	_	<u> </u>	<u> </u>	0 –	<u> </u>	_
079. FREEZE CONTROL	0	0	0	0	0	0	0
084. INFORMATION STRING REQUEST	0	_	0	0	0	0	0
097-8. ECO MODE REQUEST	0	0	0	0	0	0	0
097-45. LAN PROJECTOR NAME REQUEST	0	0	0	0	0	0	0
097-155. LAN MAC ADDRESS STATUS REQUEST2	0	0	0	0	0	0	0
097-198. PIP/PICTURE BY PICTURE REQUEST	-	-	0	0	0	0	_
097-243-1. EDGE BLENDING MODE REQUEST	-	-	0	0	0	0	-
098-8. ECO MODE SET	_	-	0	0	0	0	_
098-45. LAN PROJECTOR NAME SET	0	0	0	0	0	0	0
098-198. PIP/PICTURE BY PICTURE SET	-	-	0	0	0	0	_
098-243-1. EDGE BLENDING MODE SET	-	-	0	0	0	0	-
305-1. BASE MODEL TYPE REQUEST 305-2. SERIAL NUMBER REQUEST	0	0	0	0	0	0	0
305-2. SERIAL NUMBER REQUEST 305-3. BASIC INFORMATION REQUEST	0	0	0	0	0	0	0
319-10. AUDIO SELECT SET	_	-	0	0	0	0	-

<Conventions>
O: Supported
-: Not supported

	ND DUOSOAOL	ND DUA 400U	ND DUADOUL	ND BUILDOOLI	ND DV0000111	ND BY400501	ND DV4004LII
	NP-PH3501QL NP-PH2601QL	NP-PH1400U	NP-PH1202HL NP-PH1002HL	NP-PH1000U	NP-PX2000UL	NP-PX1005QL	NP-PX1004UL NP-PX803UL
Command							
009. ERROR STATUS REQUEST	0	0	0	0	0	0	0
015. POWER ON	0	0	0	0	0	0	0
016. POWER OFF	0	0	0	0	0	0	0
018. INPUT SW CHANGE	0	0	0	0	0	0	0
020. PICTURE MUTE ON	0	0	0	0	0	0	0
021. PICTURE MUTE OFF	0	0	0	0	0	0	0
022. SOUND MUTE ON	_	_	_	_	_	_	_
023. SOUND MUTE OFF	_	_	-	_	_	_	_
024. ONSCREEN MUTE ON	0	0	0	0	0	0	0
025. ONSCREEN MUTE OFF	0	0	0	0	0	0	0
030-1. PICTURE ADJUST	0	0	0	0	0	0	0
030-2. VOLUME ADJUST	-	-	-	_	-	-	_
030-2. VOLUME ADJUST							
	0	_	0	_	0	0	0
030-15. OTHER ADJUST	0	-	0	-	0	0	0
037. INFORMATION REQUEST	0	_	0	-	0	0	0
037-3. FILTER USAGE INFORMATION REQUEST	0	0	0	0	-	-	-
037-4. LAMP INFORMATION REQUEST 3	0	0	0	0	0	0	0
037-6. CARBON SAVINGS INFORMATION REQUEST	_	_	0	_	_	0	0
050. REMOTE KEY CODE	0	0	0	0	0	0	0
051. LENS MUTE ON (SHUTTER CLOSE)	0	0	0	0	0	0	0
052. LENS MUTE OFF (SHUTTER OPEN)	0	0	0	0	0	0	0
053. LENS CONTROL	0	_	0	_	0	0	0
053-1. LENS CONTROL REQUEST	0	-	0	-	-	0	0
053-2. LENS CONTROL 2	0	_	0	_	_	0	0
053-3. LENS MEMORY CONTROL	0	_	0	_	0	0	0
053-4. REFERENCE LENS MEMORY CONTROL	0	_	0	_	0	0	0
053-5. LENS MEMORY OPTION REQUEST	0	_	0	_	_	0	0
053-6. LENS MEMORY OPTION SET	0	_	0	_	_	0	0
053-7. LENS INFORMATION REQUEST	0	_	0	_	_	0	0
053-10. LENS PROFILE SET	0	_	0	_	0	0	0
053-11, LENS PROFILE REQUEST	0	_	0	_	0	0	0
060-1. GAIN PARAMETER REQUEST 3	0	0	0	0	0	0	0
078-1. SETTING REQUEST		_					
078-1. SETTING REQUEST 078-2. RUNNING STATUS REQUEST	0	_	0	_	0	0	0
	0		0		0	0	0
078-3. INPUT STATUS REQUEST	0	_	0	_	0	0	0
078-4. MUTE STATUS REQUEST	0	_	0	-	0	0	0
078-5. MODEL NAME REQUEST	0	-	0	-	0	0	0
078-6. COVER STATUS REQUEST	-	0	0	0	_	_	0
079. FREEZE CONTROL	0	0	0	0	0	0	0
084. INFORMATION STRING REQUEST	0	0	0	0	-	0	0
097-8. ECO MODE REQUEST	_	0	0	0	0	0	0
097-45. LAN PROJECTOR NAME REQUEST	0	0	0	0	0	0	0
097-155. LAN MAC ADDRESS STATUS REQUEST2	0	0	0	0	0	0	0
097-198. PIP/PICTURE BY PICTURE REQUEST	0	-	0	-	_	0	0
097-243-1. EDGE BLENDING MODE REQUEST	0	-	0	-	0	0	0
098-8. ECO MODE SET	_	-	0	-	0	0	0
098-45. LAN PROJECTOR NAME SET	0	0	0	0	0	0	0
098-198. PIP/PICTURE BY PICTURE SET	0	_	0	_	_	0	0
098-243-1. EDGE BLENDING MODE SET	0	_	0	_	0	0	0
305-1. BASE MODEL TYPE REQUEST	0	0	0	0	0	0	0
305-2. SERIAL NUMBER REQUEST	0	0	0	0	0	0	0
305-3. BASIC INFORMATION REQUEST	0	0	0	0	0	0	0
319-10. AUDIO SELECT SET	_	_	-	_	_	_	_
OTO TO. AUDIO GELEGI GET			_		_	_	_

<Conventions> O: Supported -: Not supported

Command	NP-PX750U NP-PX700W NP-PX800X	NP-PX651X NP-PX581W	NP-PX620X NP-PX550W	NP-PX602UL NP-PX602WL	NP-U321H	NP-U300X NP-U250X NP-U310W NP-U260W	NP-UM351W NP-UM301W NP-UM361X NP-UM301X NP-UM352W
	-	-	-	-	-	-	
009. ERROR STATUS REQUEST 015. POWER ON	0	0	0	0	0	0	0
016. POWER OFF	0	0	0	0	0	0	0
018. INPUT SW CHANGE	0	0	0	0	0	0	0
020. PICTURE MUTE ON	0	0	0	0	0	0	0
021. PICTURE MUTE OFF	0	0	0	0	0	0	0
022. SOUND MUTE ON	-	-	0	-	0	0	0
023. SOUND MUTE OFF	-	-	0	-	0	0	0
024. ONSCREEN MUTE ON	0	-	0	0	-	0	0
025. ONSCREEN MUTE OFF	0	_	0	0	_	_	-
030-1. PICTURE ADJUST	0	0	0	0	0	0	0
030-2. VOLUME ADJUST	_	_	0	-	0	0	0
030-12. ASPECT ADJUST 030-15. OTHER ADJUST	_	0 -	_	0	<u> </u>	_	<u> </u>
037. INFORMATION REQUEST	_	0	_	0	0	_	0
037-3. FILTER USAGE INFORMATION REQUEST	0	0	_	_	0	0	0
037-4. LAMP INFORMATION REQUEST 3	0	0	0	0	0	0	0
037-6. CARBON SAVINGS INFORMATION REQUEST	_	_	_	0	_	_	0
050. REMOTE KEY CODE	0	0	_	0	0	0	0
051. LENS MUTE ON (SHUTTER CLOSE)	0	-	-	0	-	-	_
052. LENS MUTE OFF (SHUTTER OPEN)	0	-	-	0	-	-	-
053. LENS CONTROL	-	0	-	0	-	-	_
053-1. LENS CONTROL REQUEST	_	-	-	-	-	-	-
053-2. LENS CONTROL 2	_	_	_	_	-	_	_
053-3. LENS MEMORY CONTROL	_	_	_	_	-	_	_
053-4. REFERENCE LENS MEMORY CONTROL	_	_	_	-	-	_	-
053-5. LENS MEMORY OPTION REQUEST	-	-	-	-	-	-	_
053-6. LENS MEMORY OPTION SET	_	_	_	_	_	_	_
053-7. LENS INFORMATION REQUEST 053-10. LENS PROFILE SET	_	_	_	_	_	_	_
053-10. LENS PROFILE SET	_	_	_	_	_	_	_
060-1. GAIN PARAMETER REQUEST 3	0	_	0	0	_	_	_
078-1. SETTING REQUEST	_	0	_	0	0	_	0
078-2. RUNNING STATUS REQUEST	_	0	_	0	0	_	0
078-3. INPUT STATUS REQUEST	-	0	-	0	0	-	0
078-4. MUTE STATUS REQUEST	_	0	_	0	0	_	0
078-5. MODEL NAME REQUEST	-	0	-	0	0	-	0
078-6. COVER STATUS REQUEST	0	-	-	0	-	-	0
079. FREEZE CONTROL	0	0	0	0	0	0	0
084. INFORMATION STRING REQUEST	0	-	-	0	-	-	0
097-8. ECO MODE REQUEST	0	0	0	0	0	0	0
097-45. LAN PROJECTOR NAME REQUEST	0	-	-	0	0	0	0
097-155. LAN MAC ADDRESS STATUS REQUEST2	<u> </u>	<u> </u>	_	0	0 –	<u> </u>	<u> </u>
097-198. PIP/PICTURE BY PICTURE REQUEST 097-243-1. EDGE BLENDING MODE REQUEST				0			
097-243-1. EDGE BLENDING MODE REQUEST 098-8. ECO MODE SET	_	0	_	0	0	_	0
098-45. LAN PROJECTOR NAME SET	0	-	_	0	0	0	0
098-198. PIP/PICTURE BY PICTURE SET	_	_	_	0	_	_	_
098-243-1. EDGE BLENDING MODE SET	_	_	_	0	_	_	_
305-1. BASE MODEL TYPE REQUEST	0	0	0	0	0	0	0
305-2. SERIAL NUMBER REQUEST	0	0	0	0	0	-	0
305-3. BASIC INFORMATION REQUEST	0	0	0	0	0	0	0
319-10. AUDIO SELECT SET	-	-	-	-	-	-	0

<Conventions>
O: Supported
-: Not supported

	NP-UM330X NP-UM280X	NP-V332X NP-V332W	NP-V311W NP-V281W	NP-V300X NP-V260X	NP-V230X NP-V260	NP-VE303X NP-VE303	NP-VE281X NP-VE280X
	NP-UM330W NP-UM280W	NP-V302X NP-V302W	NP-V311X	NP-V300W NP-V260W	NP-V230 NP-V260R	111 12000	NP-VE281 NP-VE280
	INF-UIVIZOUVV	NP-V302W		INF=V200VV	NF=V200K		INF-VE200
Command							
009. ERROR STATUS REQUEST	0	0	0	0	0	0	0
015. POWER ON	0	0	0	0	0	0	0
016. POWER OFF	0	0	0	0	0	0	0
018. INPUT SW CHANGE 020. PICTURE MUTE ON	0	0	0	0	0	0	0
021. PICTURE MUTE OFF	0	0	0	0	0	0	0
022. SOUND MUTE ON	0	0	0	0	0	0	0
023. SOUND MUTE OFF	0	0	0	0	0	0	0
024. ONSCREEN MUTE ON	0	-	0	0	0	-	0
025. ONSCREEN MUTE OFF	_	_	0	0	0	-	0
030-1. PICTURE ADJUST	0	0	0	0	0	0	0
030-2. VOLUME ADJUST 030-12. ASPECT ADJUST	0	0	0	0	0	0	0
030-15. OTHER ADJUST	_	_	_	_	_	_	_
037. INFORMATION REQUEST	_	0	-	-	_	0	-
037-3. FILTER USAGE INFORMATION REQUEST	0	-	-	-	-	-	-
037-4. LAMP INFORMATION REQUEST 3	0	0	0	0	0	0	0
037-6. CARBON SAVINGS INFORMATION REQUEST	-	-	-	-	_	-	-
050. REMOTE KEY CODE	0	0	0	0	0	0	0
051. LENS MUTE ON (SHUTTER CLOSE)	_	_	_	_	_	_	_
052. LENS MUTE OFF (SHUTTER OPEN) 053. LENS CONTROL	_	_	_	_	_	_	_
053-1. LENS CONTROL REQUEST	_	-	_	_	_	_	_
053-2. LENS CONTROL 2	-	-	-	-	-	-	-
053-3. LENS MEMORY CONTROL	_	-	-	-	-	-	-
053-4. REFERENCE LENS MEMORY CONTROL	-	-	-	-	-	-	-
053-5. LENS MEMORY OPTION REQUEST 053-6. LENS MEMORY OPTION SET	-	-	-	_	_	-	_
053-6. LENS INFORMATION REQUEST	_	_	_	_	_	_	_
053-10. LENS PROFILE SET	_	_	_	_	_	_	_
053-11. LENS PROFILE REQUEST	_	-	-	-	_	-	_
060-1. GAIN PARAMETER REQUEST 3	-	ı	ı	ı	1	-	-
078-1. SETTING REQUEST	_	0	_	_	-	0	-
078-2. RUNNING STATUS REQUEST	_	0	_	_	_	0	-
078-3. INPUT STATUS REQUEST 078-4. MUTE STATUS REQUEST	_	0	-	-	-	0	_
078-5. MODEL NAME REQUEST	_	0	_	_	_	0	_
078-6. COVER STATUS REQUEST	_	-	_	_	_	_	_
079. FREEZE CONTROL	0	0	0	0	0	0	0
084. INFORMATION STRING REQUEST	0	-	_	_	-	-	0
097-8. ECO MODE REQUEST	0	0	0	0	0	0	0
097-45. LAN PROJECTOR NAME REQUEST	0	0	0	0	-	0	-
097-155. LAN MAC ADDRESS STATUS REQUEST2 097-198. PIP/PICTURE BY PICTURE REQUEST	0	0	0	0	_	-	_
097-243-1. EDGE BLENDING MODE REQUEST	_	_	_	_	_	_	-
098-8. ECO MODE SET	_	0	-	-	-	0	_
098-45. LAN PROJECTOR NAME SET	0	0	0	0	_	0	
098-198. PIP/PICTURE BY PICTURE SET	_	-	-	-		-	-
098-243-1. EDGE BLENDING MODE SET	-	-	-	-	-	-	-
305-1. BASE MODEL TYPE REQUEST	0	0	0	0	0	0	0
305-2. SERIAL NUMBER REQUEST 305-3. BASIC INFORMATION REQUEST	0	0	0	0	0	0	0
319-10. AUDIO SELECT SET	-	-	_	_	-	0	-

018. INPUT SW CHANGE

- Input Terminal	II					
Input Terminal	COMPUTER	COMPUTER2	COMPUTER3	BNC	VIDEO	BNC(CV)
NP4100 / NP4100W	01h	02h	1Ah	_	06h	
NP-M420X / NP-M420XV NP-M350X / NP-M300X / NP-M260X / NP-M230X / NP-M300W / NP-M260W / NP-M350XS / NP-M300XS / NP-M260XS / NP-M300WS / NP-M260WS	01h	02h	-	-	06h	-
NP-M403X / NP-M363X / NP-M323X / NP-M283X / NP-M403W / NP-M363W / NP-M323W / NP-M333XS / NP-M353WS / NP-M303WS / NP-M403H / NP-M323H / NP-M353HS / NP-M323HS / NP-M303HS	01h	_	_	_	06h	-
NP-M402W / NP-M362W / NP-M402X / NP-M362X / NP-M322X / NP-M282X / NP-M322W / NP-M352WS / NP-M302WS / NP-M332XS	01h	-	-	-	06h	-
NP-M361X / NP-M311X / NP-M271X / NP-M311W / NP-M271W	01h	02h	_	_	06h	_
NP-ME401W / NP-ME361W / NP-ME331W / NP-ME301W / NP-ME401X / NP-ME361X / NP-ME331X / NP-ME301X	01h	_	-	-	06h	-
NP-ME360X / NP-ME310X / NP-ME270X	01h	02h	_	_	06h	_
NP-P603X / NP-P523X / NP-PE523X	01h	-	-	-	06h	_
NP-P554U / NP-P474U / NP-P554W / NP-P474W / NP-P604X	01h	-	-	_	06h	_
NP-P605UL / NP-P525UL / NP-P525WL	01h	-	-	-	_	_
NP-P502HL / NP-P502WL NP-P502H / NP-P502W / NP-P452H / NP-P452W	01h	_	_	_	06h	-
NP-P501X / NP-P451X / NP-P451W / NP-P401W	01h	_	-	_	06h	_
NP-P420X / NP-P350X / NP-P350W	01h	02h	_	_	06h	_
NP-PE501X	01h	-	-	_	06h	_
NP-PE401H	01h	_	-	_	06h	_
NP-PA1004UL / NP-PA804UL	01h	-	-	-	_	_
NP-PA803UL / NP-PA653UL NP-PA803U / NP-PA723U / NP-PA653U / NP-PA853W / NP-PA703W / NP-PA903X	01h	-	-	_	-	_
NP-PA622U / NP-PA522U / NP-PA672W / NP-PA572W / NP-PA722X / NP-PA622X	01h	-	-	02h	-	06h
NP-PA621U / NP-PA521U / NP-PA671W / NP-PA571W / NP-PA721X / NP-PA621X	01h	_	_	02h	_	06h
NP-PA600X / NP-PA500X / NP-PA550W / NP-PA500U	01h	02h	03h	_	06h	_
NP-PH3501QL / NP-PH2601QL	_	_	-	_	_	_
NP-PH1400U	01h	02h	03h	_	06h	_
NP-PH1202HL / NP-PH1002HL	01h	_	-	02h	_	06h
NP-PH1000U	01h	02h	03h	-	06h	_
NP-PX2000UL	01h	_	_	02h	_	_
NP-PX1005QL	-	-	-	_	_	-
NP-PX1004UL NP-PX803UL	01h	_	_	02h	-	06h
NP-PX750U / NP-PX700W / NP-PX800X	01h	02h	03h	-	06h	_
NP-PX651X / NP-PX581W	01h	02h	9Ch	_	06h	_
NP-PX620X / NP-PX550W	01h	02h	1Ah	-	06h	_
NP-PX602UL / NP-PX602WL	01h	_	_	02h	_	06h
NP-U321H	01h	-	-	-	06h	-
NP-U300X / NP-U250X / NP-U310W / NP-U260W	01h	02h	_	_	06h	_
NP-UM352W	01h	-	-	-	06h	_
NP-UM351W / NP-UM301W / NP-UM361X / NP-UM301X	01h	-	_		06h	_
NP-UM330X / NP-UM280X / NP-UM330W / NP-UM280W	01h	-	_	_	06h	_
NP-V332X / NP-V332W / NP-V302X / NP-V302W / NP-V302H	01h	-	_		06h	_
NP-V311W / NP-V281W / NP-V311X	01h	02h	_	_	06h	_
NP-V300X / NP-V260X / NP-V300W / NP-V260W	01h	02h	_		06h	_
NP-V230X / NP-V260 / NP-V230	01h	-	-	_	06h	-
NP-V260R	01h	_	_		06h	_
NP-VE303X / NP-VE303	01h	_	_	_	06h	_
NP-VE281X / NP-VE281	01h	_	_		06h	
NP-VE280X / NP-VE280	01h	-	_	-	06h	_

018. INPUT SW CHANGE

Input Termina		DNIO (1/C)		115	115.00	D: 1 5
Model name	S-VIDEO	BNC(Y/C)	Component	HDMI	HDMI2	DisplayPort
NP4100 / NP4100W	0Bh	_	10h		_	_
NP-M420X / NP-M420XV NP-M350X / NP-M300X / NP-M260X / NP-M230X / NP-M300W / NP-M260W / NP-M350XS / NP-M300XS / NP-M260XS / NP-M300WS / NP-M260WS	0Bh	-	-	1Ah	-	-
NP-M403X / NP-M363X / NP-M323X / NP-M283X / NP-M403W / NP-M363W / NP-M323W / NP-M333XS / NP-M353WS / NP-M303WS / NP-M403H / NP-M323H / NP-M353HS / NP-M323HS / NP-M303HS	-	_	-	A1h	A2h	_
NP-M402W / NP-M362W / NP-M402X / NP-M362X / NP-M322X / NP-M282X / NP-M322W / NP-M352WS / NP-M302WS / NP-M332XS	-	-	-	A1h	A2h	-
NP-M361X / NP-M311X / NP-M271X / NP-M311W / NP-M271W	0Bh	_	-	1Ah	_	_
NP-ME401W / NP-ME361W / NP-ME331W / NP-ME301W / NP-ME401X / NP-ME361X / NP-ME331X / NP-ME301X	-	-	-	A1h	A2h	-
NP-ME360X / NP-ME310X / NP-ME270X	_	_	_	-	_	_
NP-P603X / NP-P523X / NP-PE523X	-	-	-	A1h	A2h	-
NP-P554U / NP-P474U / NP-P554W / NP-P474W / NP-P604X	_	_	_	A1h	A2h	_
NP-P605UL / NP-P525UL / NP-P525WL	_	_	-	A1h	A2h	_
NP-P502HL / NP-P502WL NP-P502H / NP-P502W / NP-P452H / NP-P452W	-	_	-	A1h	A2h	_
NP-P501X / NP-P451X / NP-P451W / NP-P401W	0Bh	_	-	1Ah	1Bh	-
NP-P420X / NP-P350X / NP-P350W	0Bh	_	_	1Ah	_	_
NP-PE501X	0Bh	_	-	1Ah	1Bh	-
NP-PE401H	0Bh	_	_	1Ah	1Bh	_
NP-PA1004UL / NP-PA804UL	_	_	-	A1h	A2h	A6h
NP-PA803UL / NP-PA653UL NP-PA803U / NP-PA723U / NP-PA653U / NP-PA853W / NP-PA703W / NP-PA903X	_	-	-	A1h	A2h	A6h
NP-PA622U / NP-PA522U / NP-PA672W / NP-PA572W /	_	0Bh	_	A1h	A2h	A6h
NP-PA722X / NP-PA622X NP-PA621U / NP-PA521U / NP-PA671W / NP-PA571W / NP-PA721X / NP-PA621X	_	0Bh	_	A1h	A2h	A6h
NP-PA600X / NP-PA500X / NP-PA550W / NP-PA500U	0Bh	_	-	1Ah	_	1Bh
NP-PH3501QL / NP-PH2601QL	-	_	-	A1h	A2h	A6h
NP-PH1400U	0Bh	_	-	1Ah	_	1Bh
NP-PH1202HL / NP-PH1002HL	_	0Bh	-	A1h	-	A6h
NP-PH1000U	0Bh	_	_	1Ah	_	1Bh
NP-PX2000UL	_	_	-	A1h	A2h	A6h
NP-PX1005QL	_	_	_	A1h	A2h	A6h
NP-PX1004UL NP-PX803UL	-	0Bh	-	A1h	-	A6h
NP-PX750U / NP-PX700W / NP-PX800X	0Bh	-	-	1Ah	-	1Bh
NP-PX651X / NP-PX581W	0Bh	_	10h	A1h	_	_
NP-PX620X / NP-PX550W	0Bh	_	10h	-	_	-
NP-PX602UL / NP-PX602WL	-	0Bh	_	A1h	-	A6h
NP-U321H	-	-	-	A1h	A2h	-
NP-U300X / NP-U250X / NP-U310W / NP-U260W	0Bh	_	_	1Ah	_	_
NP-UM352W	-	_	-	A1h	A2h	-
NP-UM351W / NP-UM301W / NP-UM361X / NP-UM301X	_	_	-	A1h	A2h	
NP-UM330X / NP-UM280X / NP-UM330W / NP-UM280W	0Bh	_	-	1Ah	1Bh	-
NP-V332X / NP-V332W / NP-V302X / NP-V302W / NP-V302H	_	_	-	A1h	A2h	-
NP-V311W / NP-V281W / NP-V311X	0Bh	_	-	1Ah	-	-
NP-V300X / NP-V260X / NP-V300W / NP-V260W	0Bh	_	-	1Ah	_	_
NP-V230X / NP-V260 / NP-V230	0Bh	_	-	-	-	_
NP-V260R	0Bh	_	_	1Ah	-	_
NP-VE303X / NP-VE303	_	_	-	A1h	-	-
NP-VE281X / NP-VE281	_	_	_	1Ah	_	_
NP-VE280X / NP-VE280	_	_	-	-	_	_

018. INPUT SW CHANGE

Input Termina	Input terminal						
Model name	DisplayPort2	SLOT	STEREO DVI	DVI-D	VIEWER	USB-A	
NP4100 / NP4100W	-	-	_	_	_	_	
NP-M420X / NP-M420XV NP-M350X / NP-M300X / NP-M260X / NP-M230X / NP-M300W / NP-M260W / NP-M350XS / NP-M300XS / NP-M260XS / NP-M300WS / NP-M260WS	_	-	_	-	1Fh	-	
NP-M403X / NP-M363X / NP-M323X / NP-M283X / NP-M403W / NP-M363W / NP-M323W / NP-M353WS / NP-M303WS / NP-M403H / NP-M323H / NP-M353HS / NP-M323HS / NP-M325HS / NP-	_	-	-	_	_	1Fh	
NP-M402W / NP-M362W / NP-M402X / NP-M362X / NP-M322X / NP-M282X / NP-M322W / NP-M352WS / NP-M302WS / NP-M332XS	-	-	-	-	-	1Fh	
NP-M361X / NP-M311X / NP-M271X / NP-M311W / NP-M271W	-	_	_	_	1Fh	_	
NP-ME401W / NP-ME361W / NP-ME331W / NP-ME301W / NP-ME401X / NP-ME361X / NP-ME331X / NP-ME301X	_	-	-	-	-	1Fh	
NP-ME360X / NP-ME310X / NP-ME270X	_	_	-	_	_	_	
NP-P603X / NP-P523X / NP-PE523X	_	-	_	-	_	1Fh	
NP-P554U / NP-P474U / NP-P554W / NP-P474W / NP-P604X	_	-	_	_	_	1Fh	
NP-P605UL / NP-P525UL / NP-P525WL	-	-	_	-	_	1Fh	
NP-P502HL / NP-P502WL NP-P502H / NP-P502W / NP-P452H / NP-P452W	-	-	-	_	_	-	
NP-P501X / NP-P451X / NP-P451W / NP-P401W	_	_	_	_	1Fh	_	
NP-P420X / NP-P350X / NP-P350W	_	_	-	_	1Fh	_	
NP-PE501X	_	_	_	_	-	_	
NP-PE401H	-	_	-	_	_	_	
NP-PA1004UL / NP-PA804UL	_	_	_	_	-	_	
NP-PA803UL / NP-PA653UL NP-PA803U / NP-PA723U / NP-PA653U / NP-PA853W / NP-PA703W / NP-PA903X	-	_	_	-	_	_	
NP-PA622U / NP-PA522U / NP-PA672W / NP-PA572W / NP-PA722X / NP-PA622X	_	-	_	-	-	1	
NP-PA621U / NP-PA521U / NP-PA671W / NP-PA571W / NP-PA721X / NP-PA621X	_	_	-	_	_	1Fh	
NP-PA600X / NP-PA500X / NP-PA550W / NP-PA500U	_	-	_	_	1Fh	_	
NP-PH3501QL / NP-PH2601QL	A7h	ABh	_	_	-	_	
NP-PH1400U	-	1Ch	2Eh	_	1Fh	_	
NP-PH1202HL / NP-PH1002HL	_	ABh	-	-	-	1	
NP-PH1000U	_	1Ch	_	-	1Fh	1	
NP-PX2000UL	_	I	_	9Ch	-	ı	
NP-PX1005QL	A7h	ABh	-	-	-	1	
NP-PX1004UL NP-PX803UL	-	ABh	-	-	-	1	
NP-PX750U / NP-PX700W / NP-PX800X	_	1Ch	_	-	1Fh	-	
NP-PX651X / NP-PX581W	_	_	_	_	_	_	
NP-PX620X / NP-PX550W	_	-	-	-	-	-	
NP-PX602UL / NP-PX602WL	_	ABh	_				
NP-U321H	_	_	-	-	_	_	
NP-U300X / NP-U250X / NP-U310W / NP-U260W		_	_		_	_	
NP-UM352W	_	-	-	-	-	_	
NP-UM351W / NP-UM301W / NP-UM361X / NP-UM301X	_	-	-	_	_	1Fh	
NP-UM330X / NP-UM280X / NP-UM330W / NP-UM280W	-	_	-	-	1Fh	-	
NP-V332X / NP-V332W / NP-V302X / NP-V302W / NP-V302H	_	_	_		_	_	
NP-V311W / NP-V281W / NP-V311X	_	_	_	_	_	_	
NP-V300X / NP-V260X / NP-V300W / NP-V260W	_	_	-		_	_	
NP-V230X / NP-V260 / NP-V230	_	-	-	_	_	_	
NP-V260R	_	-	-	_	_	_	
NP-VE303X / NP-VE303	_	_	-	-	_	_	
NP-VE281X / NP-VE281	-	_	_	_	_	_	
NP-VE280X / NP-VE280	_	_	_	_	_	_	

018. INPUT SW CHANGE

Input Termina	al					
Model name	NETWORK	LAN	ETHERNET	HDBaseT	SDI	SDI2
NP4100 / NP4100W	_	_	_	_	_	
NP-M420X / NP-M420XV NP-M350X / NP-M300X / NP-M260X / NP-M230X / NP-M300W / NP-M260W / NP-M350XS / NP-M300XS / NP-M260XS / NP-M300WS / NP-M260WS	20h	-	-	-	-	ı
NP-M403X / NP-M363X / NP-M323X / NP-M283X / NP-M403W / NP-M363W / NP-M323W / NP-M333XS / NP-M353WS / NP-M303WS / NP-M403H / NP-M323H / NP-M353HS / NP-M323HS / NP-M303HS	-	20h	_	-	_	_
NP-M402W / NP-M362W / NP-M402X / NP-M362X / NP-M322X / NP-M282X / NP-M322W / NP-M352WS / NP-M302WS / NP-M332XS	-	20h	-	-	-	-
NP-M361X / NP-M311X / NP-M271X / NP-M311W / NP-M271W	20h	_	_	ı	ı	ı
NP-ME401W / NP-ME361W / NP-ME331W / NP-ME301W / NP-ME401X / NP-ME361X / NP-ME331X / NP-ME301X	_	20h	_	1	I	I
NP-ME360X / NP-ME310X / NP-ME270X	_	_	_	_	_	-
NP-P603X / NP-P523X / NP-PE523X	_	-	-	_	_	1
NP-P554U / NP-P474U / NP-P554W / NP-P474W / NP-P604X	_	_	_	BFh	_	-
NP-P605UL / NP-P525UL / NP-P525WL	-	20h	-	BFh	-	1
NP-P502HL / NP-P502WL NP-P502H / NP-P502W / NP-P452H / NP-P452W	-	-	_	BFh	-	-
NP-P501X / NP-P451X / NP-P451W / NP-P401W	20h	_	-	-	-	_
NP-P420X / NP-P350X / NP-P350W	20h		_	_	_	_
NP-PE501X	-	-	-	_	_	-
NP-PE401H	-		_	_	_	_
NP-PA1004UL / NP-PA804UL	-	_	-	BFh	-	_
NP-PA803UL / NP-PA653UL NP-PA803U / NP-PA723U / NP-PA653U / NP-PA853W / NP-PA703W / NP-PA903X	-	_	-	BFh	-	_
NP-PA622U / NP-PA522U / NP-PA672W / NP-PA572W / NP-PA722X / NP-PA622X	-	-	_	20h	-	1
NP-PA621U / NP-PA521U / NP-PA671W / NP-PA571W / NP-PA721X / NP-PA621X	_	_	20h	_	_	_
NP-PA600X / NP-PA500X / NP-PA550W / NP-PA500U	20h	-	_	_	_	-
NP-PH3501QL / NP-PH2601QL	_	_	_	BFh	C4h	C5h
NP-PH1400U	20h	-	_	_	_	_
NP-PH1202HL / NP-PH1002HL	_	_	_	20h	_	_
NP-PH1000U	20h	_	_	_	_	_
NP-PX2000UL	-	-	_	-	C4h	-
NP-PX1005QL	_	-	-	BFh	C4h	C5h
NP-PX1004UL NP-PX803UL	_	-	_	20h	-	-
NP-PX750U / NP-PX700W / NP-PX800X	20h	_	-	-	_	_
NP-PX651X / NP-PX581W	-	_	_	20h	_	_
NP-PX620X / NP-PX550W	-	-	-	-	_	-
NP-PX602UL / NP-PX602WL	-		_	20h	_	
NP-U321H	-	-	_	-	_	-
NP-U300X / NP-U250X / NP-U310W / NP-U260W	_		_	_	_	_
NP-UM352W	-	-	-	-	-	-
NP-UM351W / NP-UM301W / NP-UM361X / NP-UM301X	-	20h	_	_	_	_
NP-UM330X / NP-UM280X / NP-UM330W / NP-UM280W	20h	_	_	_	_	_
NP-V332X / NP-V332W / NP-V302X / NP-V302W / NP-V302H	-	_	_	_	_	_
NP-V311W / NP-V281W / NP-V311X	_	_	_	_	_	_
NP-V300X / NP-V260X / NP-V300W / NP-V260W	_		_	_	_	-
NP-V230X / NP-V260 / NP-V230	_	_	_	_	_	-
NP-V260R	-	_	_	_	_	_
NP-VE303X / NP-VE303	-	_	_	_	_	_
NP-VE281X / NP-VE281	_		_	_	_	-
NP-VE280X / NP-VE280	_	_	_	_	_	_

018. INPUT SW CHANGE

■Input terminal

Input Termina	I				
Model name	SDI3	SDI4	USB DISPLAY	USB-B	APPS
NP4100 / NP4100W	_	-	_	-	-
NP-M420X / NP-M420XV NP-M350X / NP-M300X / NP-M260X / NP-M230X / NP-M300W / NP-M260W / NP-M350XS / NP-M300XS / NP-M260XS / NP-M300WS / NP-M260WS	-	-	22h	-	-
NP-M403X / NP-M363X / NP-M323X / NP-M283X / NP-M403W / NP-M363W / NP-M323W / NP-M333XS / NP-M353WS / NP-M303WS / NP-M403H / NP-M323H / NP-M353HS / NP-M323HS / NP-M303HS	_	_	_	22h	-
NP-M402W / NP-M362W / NP-M402X / NP-M362X / NP-M322X / NP-M282X / NP-M322W / NP-M352WS / NP-M302WS / NP-M332XS	-	-	-	22h	I
NP-M361X / NP-M311X / NP-M271X / NP-M311W / NP-M271W	_	_	22h	-	-
NP-ME401W / NP-ME361W / NP-ME331W / NP-ME301W / NP-ME401X / NP-ME361X / NP-ME331X / NP-ME301X	-	_	-	22h	-
NP-ME360X / NP-ME310X / NP-ME270X	_	_	_	_	_
NP-P603X / NP-P523X / NP-PE523X	_	_	_	-	1
NP-P554U / NP-P474U / NP-P554W / NP-P474W / NP-P604X	_	_	_	-	-
NP-P605UL / NP-P525UL / NP-P525WL	-	-	-	-	-
NP-P502HL / NP-P502WL NP-P502H / NP-P502W / NP-P452H / NP-P452W	-	_	_	-	23h
NP-P501X / NP-P451X / NP-P451W / NP-P401W	-	-	22h	-	-
NP-P420X / NP-P350X / NP-P350W	_	_	22h	_	_
NP-PE501X	-	_	22h	-	-
NP-PE401H	_	_	_	_	-
NP-PA1004UL / NP-PA804UL	-	_	_	-	-
NP-PA803UL / NP-PA653UL NP-PA803U / NP-PA723U / NP-PA653U / NP-PA853W / NP-PA703W / NP-PA903X	-	_	_	_	_
NP-PA622U / NP-PA522U / NP-PA672W / NP-PA572W / NP-PA722X / NP-PA622X	-	-	-	1	-
NP-PA621U / NP-PA521U / NP-PA671W / NP-PA571W / NP-PA721X / NP-PA621X	_	_	_	_	_
NP-PA600X / NP-PA500X / NP-PA550W / NP-PA500U	_	-	_	_	-
NP-PH3501QL / NP-PH2601QL	C6h	C7h	_	-	_
NP-PH1400U	_	-	-	_	-
NP-PH1202HL / NP-PH1002HL	_	_	_	-	_
NP-PH1000U	_	-	_	1	1
NP-PX2000UL	_	_	_	I	1
NP-PX1005QL	C6h	C7h	_	-	-
NP-PX1004UL NP-PX803UL	_	_	-	-	-
NP-PX750U / NP-PX700W / NP-PX800X	_	-	_	_	_
NP-PX651X / NP-PX581W	_	-	_	_	_
NP-PX620X / NP-PX550W	-	-	_	-	-
NP-PX602UL / NP-PX602WL	-	-	_	_	_
NP-U321H	-	-	-	-	_
NP-U300X / NP-U250X / NP-U310W / NP-U260W	-	_	_	_	_
NP-UM352W	-	-	-	22h	23h
NP-UM351W / NP-UM301W / NP-UM361X / NP-UM301X	-	_	-	22h	
NP-UM330X / NP-UM280X / NP-UM330W / NP-UM280W	-	-	22h	-	-
NP-V332X / NP-V332W / NP-V302X / NP-V302W / NP-V302H	_	_	_	ı	I
NP-V311W / NP-V281W / NP-V311X	-	-	_	-	_
NP-V300X / NP-V260X / NP-V300W / NP-V260W	_	_	_	1	1
NP-V230X / NP-V260 / NP-V230	-	_	_	_	-
NP-V260R	-	-	_	1	-
NP-VE303X / NP-VE303	-	-	-	1	-
NP-VE281X / NP-VE281	-	_	_	_	_
NP-VE280X / NP-VE280	-	-	_	_	_

030-12. ASPECT ADJUST

Aspect

DATA01							DA	ATA01	
Model name	00h	01h	0:	2h	03h	04h	05h	06	ih
NP-M403X / NP-M363X / NP-M323X / NP-M283X / NP-M403W / NP- M363W / NP-M323W / NP-M333XS / NP-M353WS / NP-M303WS / NP-M403H / NP-M323H / NP-M353HS / NP-M323HS / NP-M303HS	AUTO	WIDE ZOOM (XGA Model)	16	6:9	NATIVE	4:3	15:9	16:	10
NP-M402W / NP-M362W / NP-M402X / NP-M362X / NP-M322X / NP-M282X / NP-M322W / NP-M352WS / NP-M302WS / NP-M332XS	AUTO	WIDE ZOOM (XGA Model)	16	6:9	NATIVE	4:3	15:9	16:	10
NP-ME401W / NP-ME361W / NP-ME331W / NP-ME301W / NP-ME401X / NP-ME361X / NP-ME331X / NP-ME301X	AUTO	WIDE ZOOM (XGA Model)	CHINEMA	16:9	NATIVE	4:3	15:9	16:	10
NP-P554U / NP-P474U / NP-P554W / NP-P474W / NP-P604X / NP-P603X / NP-P523X / NP-PE523X	AUTO	WIDE ZOOM (XGA Model)	CHINEMA	16:9	NATIVE	4:3	15:9	16:	10
NP-P605UL / NP-P525UL / NP-P525WL	AUTO	_	16	6:9	NATIVE	4:3	15:9	16:	10
NP-P502HL / NP-P502WL NP-P502H / NP-P502W / NP-P452H / NP-P452W	AUTO	-	16	6:9	NATIVE	4:3	15:9	16:	10
NP-PA1004UL / NP-PA804UL	4:3 (WINDOWS)	LETTER BOX	WIDE SCREEN	16:9	_	-	-	FU	LL
NP-PA803UL / NP-PA653UL NP-PA803U / NP-PA723U / NP-PA653U / NP-PA853W / NP-PA703W / NP-PA903X	4:3 (WINDOWS)	LETTER BOX	WIDE SCREEN	16:9	-	-	-	FU	LL
NP-PA622U / NP-PA522U / NP-PA672W / NP-PA572W / NP-PA722X / NP-PA622X	4:3 (WINDOWS)	LETTER BOX	WIDE SCREEN	16:9	_	_	_	ZOOM	FULL
NP-PA621U / NP-PA521U / NP-PA671W / NP-PA571W / NP-PA721X / NP-PA621X	4:3 (WINDOWS)	LETTER BOX	WIDE SCREEN	16:9	-	-	-	ZOOM	FULL
NP-PH3501QL / NP-PH2601QL	4:3	LETTER BOX	WIDE SCREEN	16:9	_	_	_	FU	LL
NP-PH1202HL / NP-PH1002HL	4:3 (WINDOWS)	LETTER BOX	WIDE SCREEN	16:9	-	-	-	ZOOM	FULL
NP-PX2000UL	_	_	16	6:9	_	4:3	_	16:	10
NP-PX1005QL	4:3	_	WIDE SCREEN	16:9	_	_	-	FU	LL
NP-PX1004UL NP-PX803UL	4:3 (WINDOWS)	LETTER BOX	WIDE SCREEN	16:9	_	_	_	ZOOM	FULL
NP-PX651X / NP-PX581W	4:3	_	16	6:9	1.85:1	2.35:1	Auto	16:	10
NP-PX602UL / NP-PX602WL	4:3 (WINDOWS)	LETTER BOX	WIDE SCREEN	16:9	_	-	_	ZOOM	FULL
NP-U321H	AUTO	-	16	6:9	NATIVE	4:3	15:9	16:	10
NP-UM301X / NP-UM361X NP-UM301W / NP-UM351W / NP-UM352W	AUTO	WIDE ZOOM (XGA Model)	CHINEMA	16:9	NATIVE	4:3	15:9	16:	10
NP-V332X / NP-V332W / NP-V302X / NP-V302W / NP-V302H	AUTO	-	16	6:9	NATIVE	4:3	15:9	16:	10
NP-VE303X / NP-VE303	AUTO	ı	16	6:9	NATIVE	4:3	15:9	16:	10

030-12. ASPECT ADJUST

Aspect

DATA01										
Model name	07h	08h	0Bh	0Ch	0Dh	0Eh	0Fh	10h	11h	12h
NP-M403X / NP-M363X / NP-M323X / NP-M283X / NP-M403W / NP- M363W / NP-M323W / NP-M333XS / NP-M353WS / NP-M303WS / NP-M403H / NP-M323H / NP-M353HS / NP-M323HS / NP-M303HS	LETTER BOX (WXGA Model)	_	_	-	-	_	-	_	-	_
NP-M402W / NP-M362W / NP-M402X / NP-M362X / NP-M322X / NP-M282X / NP-M322W / NP-M352WS / NP-M302WS / NP-M332XS	LETTER BOX (WXGA Model)	-	-	-	-	-	1	-	-	-
NP-ME401W / NP-ME361W / NP-ME331W / NP-ME301W / NP-ME401X / NP-ME361X / NP-ME331X / NP-ME301X	LETTERBOX (WXGA Model)	_	_	_	1	_	1	_	-	_
NP-P554U / NP-P474U / NP-P554W / NP-P474W / NP-P604X / NP-P603X / NP-P523X / NP-PE523X	LETTERBOX (WXGA Model)	-	-	-	ı	-	1	-	ı	-
NP-P605UL / NP-P525UL / NP-P525WL	LETTER BOX	_	_	_	_	_	-	_	_	_
NP-P502HL / NP-P502WL NP-P502H / NP-P502W / NP-P452H / NP-P452W	LETTER BOX	-	-	-	-	-	1	-	-	-
NP-PA1004UL / NP-PA804UL	ZOOM	_	5:4	16:10	15:9	NATIVE	AUTO	NORMAL	_	_
NP-PA803UL / NP-PA653UL NP-PA803U / NP-PA723U / NP-PA653U / NP-PA853W / NP-PA703W / NP-PA903X	ZOOM	-	5:4	16:10	15:9	NATIVE	AUTO	NORMAL	-	-
NP-PA622U / NP-PA522U / NP-PA672W / NP-PA572W / NP-PA722X / NP-PA622X	1	_	5:4	16:10	15:9	NATIVE	AUTO	_	-	_
NP-PA621U / NP-PA521U / NP-PA671W / NP-PA571W / NP-PA721X / NP-PA621X	1	-	5:4	16:10	15:9	NATIVE	AUTO	-	-	-
NP-PH3501QL / NP-PH2601QL	ZOOM	_	5:4	16:10	15:9	NATIVE	AUTO	NORMAL	_	_
NP-PH1202HL / NP-PH1002HL	-	-	5:4	16:10	15:9	NATIVE	AUTO	-	-	-
NP-PX2000UL	LETTER BOX	_	5:4	_	-	NATIVE	AUTO	_	1.88	2.35
NP-PX1005QL	ZOOM	-	5:4	16:10	15:9	NATIVE	AUTO	NORMAL	-	-
NP-PX1004UL NP-PX803UL	_	_	5:4	16:10	15:9	NATIVE	AUTO	_	_	_
NP-PX651X / NP-PX581W		_	5:4	16:10	1	Native	Auto	_	_	_
NP-PX602UL / NP-PX602WL	-	_	5:4	16:10	15:9	NATIVE	AUTO	_	_	_
NP-U321H	-	5:4	-	_	-	-	-	-	_	_
NP-UM301X / NP-UM361X NP-UM301W / NP-UM351W / NP-UM352W	LETTERBOX (WXGA Model)	_	_	_	_	_	-	_	_	_
NP-V332X / NP-V332W / NP-V302X / NP-V302W / NP-V302H	-	5:4	-	-	1	-	ı	-	-	-
NP-VE303X / NP-VE303	ı	5:4	_	_	1	_	1	_	_	_

097-8. ECO MODE REQUEST 098-8. ECO MODE SET

■Eco mode

Madalasasa	DATA01						
Model name	00h	01h	02h	03h	04h	05h	
NP4100 / NP4100W	Normal	Eco	_	_	_	_	
IP-M420X / NP-M420XV IP-M350X / NP-M230X / NP-M300W / NP-M260W / IP-M350XS / NP-M300XS / NP-M300WS / NP-M260WS	OFF	AUTO ECO	ECO1	-	-	-	
IP-M403X / NP-M363X / NP-M323X / NP-M283X / NP-M403W / IP-M363W / NP-M323W / NP-M333XS / NP-M353WS / IP-M303WS / NP-M403H / NP-M323H / NP-M353HS / IP-M323HS / NP-M303HS	OFF	AUTO ECO	NORMAL	ECO	-	-	
IP-M402W / NP-M362W / NP-M402X / NP-M362X / IP-M322X / NP-M282X / NP-M322W / NP-M352WS / IP-M302WS / NP-M332XS	OFF	AUTO ECO	NORMAL	ECO	_	-	
NP-M300X / NP-M260X / NP-M260XS	OFF	AUTO ECO	ECO1	ECO2	_	-	
NP-M361X / NP-M311X / NP-M271X / NP-M311W / NP-M271W	OFF	AUTO ECO	NORMAL	ECO	_	_	
NP-ME401W / NP-ME361W / NP-ME331W / NP-ME301W / NP-ME401X / NP-ME361X / NP-ME331X / NP-ME301X	OFF	AUTO ECO	NORMAL	ECO	-	-	
NP-ME360X / NP-ME310X / NP-ME270X	OFF	ON	_	_	_	_	
IP-P554U / NP-P474U / NP-P554W / NP-P474W / NP-P604X / IP-P603X / NP-P523X / NP-PE523X	OFF	AUTO ECO	NORMAL	ECO	-	-	
IP-P605UL / NP-P525UL / NP-P525WL	OFF	_	_	ECO	LONG LIFE	_	
IP-P502HL / NP-P502WL	OFF	ECO1	ECO2	_	_	-	
IP-P502H / NP-P502W / NP-P452H / NP-P452W	OFF	AUTO ECO	NORMAL	ECO	-	_	
P-P501X / NP-P451X / NP-P451W / NP-P401W / NP-PE501X	OFF	AUTO ECO	NORMAL	ECO	-	-	
P-P420X / NP-P350X / NP-P350W	OFF	AUTO ECO	ECO1	-	_	_	
P-PE401H	OFF	ECO	1	-	-	_	
P-PA1004UL / NP-PA804UL	NORMAL	-	ECO1	ECO2	_	BOOS	
P-PA803UL / NP-PA653UL	NORMAL	-	ECO1	ECO2	LONG LIFE	_	
P-PA803U / NP-PA723U / NP-PA653U / IP-PA853W / NP-PA703W / NP-PA903X	OFF	ON	_	ı	_	_	
IP-PA622U / NP-PA522U / NP-PA672W / NP-PA572W / IP-PA722X / NP-PA622X	OFF	ON	-	-	-	-	
IP-PA621U / NP-PA521U / NP-PA671W / NP-PA571W / IP-PA721X / NP-PA621X	OFF	ON	-	-	_	_	
IP-PA600X / NP-PA500X / NP-PA550W / NP-PA500U	OFF	ON	_	_	_	_	
IP-PH1400U	OFF	ON	-	_	_		
IP-PH1202HL / NP-PH1002HL	NORMAL	_	ECO1	ECO2	LONG LIFE	_	
IP-PH1000U	OFF	ON	-	_	_		
IP-PX2000UL	NORMAL	_	ECO	_	_	BOOS	
P-PX1005QL	NORMAL	-	ECO1	ECO2	_	_	
IP-PX1004UL IP-PX803UL	NORMAL	-	ECO1	ECO2	_	-	
P-PX750U / NP-PX700W / NP-PX800X	OFF	ON		_	_		
P-PX651X / NP-PX581W	NORMAL	ECO	_	_	-	-	
P-PX620X / NP-PX550W	Normal	Eco	_	-	_	_	
IP-PX602UL / NP-PX602WL	NORMAL	-	ECO1	ECO2	_	_	
IP-U321H	OFF	ECO	_	_	_	_	
P-U300X / NP-U250X / NP-U310W / NP-U260W	OFF	ON	_	_	_	_	
P-UM351W / NP-UM301W / NP-UM361X / NP-UM301X P-UM352W	OFF	AUTO ECO	NORMAL	ECO	_	_	
P-UM330X / NP-UM280X / NP-UM330W / NP-UM280W	OFF	AUTO ECO	NORMAL	ECO	_	-	
P-V332X / NP-V332W / NP-V302X / NP-V302W / NP-V302H	OFF	ECO	_	_	_	_	
P-V311W / NP-V281W / NP-V311X	OFF	ON	-	-	-	-	
IP-V300X / NP-V260X / NP-V230X / NP-V260 / NP-V230 / NP-V260R IP-V300W / NP-V260W	OFF	ON	1	1	_	-	
NP-VE303X / NP-VE303	OFF	ECO	-	_	-	-	
NP-VE281X / NP-VE280X / NP-VE281 / NP-VE280	OFF	ON	_	_	_	_	

^{*} The following models use a different menu item name.

[·] NP4100 / NP4100W : Lamp Mode

[·] NP-PX620X / NP-PX550W : Lamp Mode

078-1. SETTING REQUEST 305-1. BASE MODEL TYPE REQUEST

The asterisked models exclusively support "305-1. BASE MODEL TYPE REQUEST", i.e. don't support "078-1. SETTING REQUEST".

	Madalaana		DATA01	DATA02	DATA03
	Model name	305-1. BASE M	ODEL TYPE R	EQUEST	
		DATA01	DATA02	DATA12	DATA13
*	NP4100	03h	08h	00h	10h
*	NP4100W	03h	08h	01h	10h
*	NP-M230X	FFh	13h	09h	10h
*	NP-M260W	FFh	13h	06h	10h
*	NP-M260WS	FFh	13h	08h	10h
*	NP-M260X	FFh	13h	05h	10h
*	NP-M260XS	FFh	13h	07h	10h
*	NP-M271W	FFh	13h	04h	13h
*	NP-M271X	FFh	13h	02h	13h
	NP-M282X	FFh	22h	03h	10h
	NP-M283X	FFh	22h	03h	12h
*	NP-M300W	FFh	13h	02h	10h
*	NP-M300WS	FFh	13h	04h	10h
*	NP-M300X	FFh	13h	01h	10h
*	NP-M300XS	FFh	13h	03h	10h
	NP-M302WS	FFh	22h	09h	10h
	NP-M303HS	FFh	22H	04H	11H
	NP-M303WS	FFh	22h	09h	12h
*	NP-M311W	FFh	13h	01h	13h
*	NP-M311X	FFh	13h	03h	13h
	NP-M322H	FFh	22h	01h	11h
	NP-M322W	FFh	22h	06h	10h
	NP-M322X	FFh	22h	02h	10h
	NP-M323H	FFh	22h	0Bh	12h
	NP-M323HS	FFh	22H	03H	11H
	NP-M323W	FFh	22h	06h	12h
	NP-M323X	FFh	22h	02h	12h
	NP-M332XS	FFh	22h	07h	10h
	NP-M333XS	FFh	22h	07h	12h
*	NP-M350X	FFh	13h	00h	10h
*	NP-M350XS	FFh	13h	0Ch	10h
	NP-M352WS	FFh	22h	08h	10h
	NP-M353HS	FFh	22H	02H	11H
	NP-M353WS	FFh	22h	08h	12h
*	NP-M361X	FFh	13h	00h	13h
	NP-M362W	FFh	22h	05h	10h
	NP-M362X	FFh	22h	01h	10h
	NP-M363W	FFh	22h	05h	12h
	NP-M363X	FFh	22h	01h	12h
	NP-M402H	FFh	22h	00h	11h

078-1. SETTING REQUEST 305-1. BASE MODEL TYPE REQUEST

The asterisked models exclusively support "305-1. BASE MODEL TYPE REQUEST", i.e. don't support "078-1. SETTING REQUEST".

			078-1. SETTIN	TING REQUEST		
	Madal nama		DATA01	DATA02	DATA03	
	Model name	305-1. BASE M	ODEL TYPE R	EQUEST		
		DATA01	DATA02	DATA12	DATA13	
	NP-M402W	FFh	22h	04h	10h	
	NP-M402X	FFh	22h	00h	10h	
	NP-M403H	FFh	22h	0Ah	12h	
	NP-M403W	FFh	22h	04h	12h	
	NP-M403X	FFh	22h	00h	12h	
*	NP-M420X	FFh	13h	0Ah	10h	
*	NP-M420XV	FFh	13h	0Bh	10h	
*	NP-ME270X	FFh	10h	02h	13h	
	NP-ME301W	FFh	20H	05H	14H	
	NP-ME301X	FFh	20H	04H	14H	
*	NP-ME310X	FFh	10h	01h	13h	
	NP-ME331W	FFh	20H	03H	14H	
	NP-ME331X	FFh	20H	02H	14H	
*	NP-ME360X	FFh	10h	00h	13h	
	NP-ME361W	FFh	20H	01H	14H	
	NP-ME361X	FFh	20H	00H	14H	
*	NP-P350W	FFh	13h	02h	11h	
*	NP-P350X	FFh	13h	01h	11h	
*	NP-P401W	FFh	20h	03h	10h	
*	NP-P420X	FFh	13h	00h	11h	
*	NP-P451W	FFh	20h	02h	10h	
*	NP-P451X	FFh	20h	01h	10h	
	NP-P452H	FFh	22H	02H	14H	
	NP-P452W	FFh	22H	03H	14H	
	NP-P474U	FFh	20H	0AH	15H	
	NP-P474W	FFh	20H	01H	15H	
*	NP-P501X	FFh	20h	00h	10h	
	NP-P502H	FFh	22H	00H	14H	
	NP-P502HL	FFh	22h	00h	13h	
	NP-P502W	FFh	22H	01H	14H	
	NP-P502WL	FFh	22h	01h	13h	
	NP-P523X	FFh	20H	04H	15H	
	NP-P525UL	FFh	32H	00H	10H	
	NP-P525WL	FFh	32h	01h	10h	
	NP-P554U	FFh	20H	09H	15H	
	NP-P554W	FFh	20H	00H	15H	
	NP-P603X	FFh	20H	03H	15H	
	NP-P604X	FFh	20H	02H	15H	
*	NP-P605UL	FFh	32H	02H	10H	
•	NP-PA500U	FFh	15h	03h	10h	

078-1. SETTING REQUEST 305-1. BASE MODEL TYPE REQUEST

The asterisked models exclusively support "305-1. BASE MODEL TYPE REQUEST", i.e. don't support "078-1. SETTING REQUEST".

		078-1. SETTING REQUEST					
			DATA01	DATA02	DATA03		
	Model name	305-1 BASE N	ODEL TYPE R	_	Bittitoo		
		DATA01	DATA02	DATA12	DATA13		
*	NP-PA500X	FFh	15h	01h	10h		
	NP-PA521U	FFh	21h	01h	10h		
		FFh		_			
*	NP-PA522U		21h	01h	11h		
	NP-PA550W	FFh	15h	02h	10h		
	NP-PA571W	FFh	21h	03h	10h		
	NP-PA572W	FFh	21h	03h	11h		
*	NP-PA600X	FFh	15h	00h	10h		
	NP-PA621U	FFh	21h	00h	10h		
	NP-PA621X	FFh	21h	05h	10h		
	NP-PA622U	FFh	21h	00h	11h		
	NP-PA622X	FFh	21h	05h	11h		
	NP-PA653U	FFh	2Eh	02h	10h		
	NP-PA653UL	FFh	2Eh	00h	11h		
	NP-PA671W	FFh	21h	02h	10h		
	NP-PA672W	FFh	21h	02h	11h		
	NP-PA703W	FFh	2Eh	05h	10h		
	NP-PA721X	FFh	21h	04h	10h		
	NP-PA722X	FFh	21h	04h	11h		
	NP-PA723U	FFh	2Eh	01h	10h		
	NP-PA803U	FFh	2Eh	00h	10h		
	NP-PA803UL	FFh	2Eh	01h	11h		
	NP-PA804UL	FFh	34h	01H	10H		
	NP-PA853W	FFh	2Eh	03h	10h		
	NP-PA903X	FFh	2Eh	06h	10h		
*	NP-PA1004UL	FFh FFh	34h	00h	10h		
*	NP-PE401H NP-PE501X	FFN FFh	14h 20h	00h 04h	11h 10h		
	NP-PE523X	FFh	20H	05H	15H		
*	NP-PH1000U	FFh	19h	00h	10h		
	NP-PH1002HL	FFh	26h	01h	10h		
	NP-PH1202HL	FFh	26h	00h	10h		
*	NP-PH1400U	FFh	19h	00h	11h		
	NP-PH2601QL	FFh	30h	01h	10h		
	NP-PH3501QL	FFh	30h	00h	10h		
*	NP-PX550W	03h	08h	01h	11h		
	NP-PX581W	FFh	27h	01h	10h		
	NP-PX602UL	FFh	25h	00h	10h		
	NP-PX602WL	FFh	25h	01h	10h		
*	NP-PX620X	03h	08h	00h	11h		
	NP-PX651X	FFh	27h	00h	10h		
*	NP-PX700W	FFh	17h	01h	10h		
*	NP-PX750U	FFh	17h	00h	10h		
*	NP-PX800X	FFh	17h	02h	10h		
	NP-PX803UL	FFh	2Ch	00h	10h		
	NP-PX1004UL	FFh	2Fh	00h	10h		

078-1. SETTING REQUEST 305-1. BASE MODEL TYPE REQUEST

The asterisked models exclusively support "305-1. BASE MODEL TYPE REQUEST", i.e. don't support "078-1. SETTING REQUEST".

		078-1. SETTING REQUEST				
	Madalasas		DATA01	DATA02	DATA03	
	Model name	305-1. BASE M	IODEL TYPE RI	EQUEST		
		DATA01	DATA02	DATA12	DATA13	
	NP-PX1005QL	FFh	31h	00h	10h	
	NP-PX2000UL	FFh	35h	00h	10h	
*	NP-U250X	FFh	14h	01h	10h	
*	NP-U260W	FFh	14h	03h	10h	
*	NP-U300X	FFh	14h	02h	10h	
*	NP-U310W	FFh	14h	04h	10h	
	NP-U321H	FFh	28h	00h	10h	
*	NP-UM280W	FFh	13h	02h	12h	
*	NP-UM280X	FFh	13h	01h	12h	
	NP-UM301W	FFh	20h	02h	11h	
	NP-UM301X	FFh	20h	00h	11h	
*	NP-UM330W	FFh	13h	03h	12h	
*	NP-UM330X	FFh	13h	00h	12h	
	NP-UM351W	FFh	20h	03h	11h	
	NP-UM352W	FFh	20h	04h	11h	
	NP-UM361X	FFh	20h	01h	11h	
*	NP-V230	FFh	16h	04h	10h	
*	NP-V230X	FFh	16h	02h	10h	
*	NP-V260	FFh	16h	03h	10h	
*	NP-V260R	FFh	16h	07h	10h	
*	NP-V260W	FFh	16h	06h	10h	
*	NP-V260X	FFh	16h	01h	10h	
*	NP-V281W	FFh	16h	09h	10h	
*	NP-V300W	FFh	16h	05h	10h	
*	NP-V300X	FFh	16h	00h	10h	
	NP-V302H	FFh	2Ah	04h	10h	
	NP-V302W	FFh	2Ah	03h	10h	
	NP-V302X	FFh	2Ah	02h	10h	
*	NP-V311W	FFh	16h	08h	10h	
*	NP-V311X	FFh	16h	0Ah	10h	
	NP-V332W	FFh	2Ah	01h	10h	
	NP-V332X	FFh	2Ah	00h	10h	
*	NP-VE280	FFh	16h	05h	11h	
*	NP-VE280X	FFh	16h	02h	11h	
*	NP-VE281	FFh	16h	04h	11h	
*	NP-VE281X	FFh	16h	01h	11h	
	NP-VE303	FFh	2Bh	01h	10h	
	NP-VE303X	FFh	2Bh	00h	10h	

078-3. INPUT STATUS REQUEST 305-3. BASIC INFORMATION REQUEST The asterisked models exclusively support "305-3. BASIC INFORMATION REQUEST",

i.e. don't support "078-3. INPUT STATUS REQUEST".

■Selection signal type

Model name						T		
		Model name	DATA03	01h	01h	01h	01h	01h
NP-MAGOX / NP-MAGOX		ND 4400 (ND 4400)M	DATA04					07h
NA-MASSOX / NP-MASSOX / NP-M	*			Computer1	Video	S-Video	Computer3	_
NP-MSGSW / NP-MSGSW	*	NP-M350X / NP-M300X / NP-M260X / NP-M230X / NP-M3 NP-M260W / NP-M350XS / NP-M300XS / NP-M260XS /	300W /	COMPUTER1	VIDEO	S-VIDEO	НОМІ	VIEWER
NP-M2322X NP-M2322X NP-M232W NP-M232		NP-M363W / NP-M323W / NP-M333XS / NP-M353WS / NP-M303WS / NP-M403H / NP-M323H / NP-M353HS / NP-M323HS / NP-M303HS	403W /	COMPUTER	VIDEO	-	-	USB-A
DP_REGOTW_NP_ARGSTW_NP_ARGSTW_/ NP_ARGSTW_NP		NP-M322X / NP-M282X / NP-M322W / NP-M352WS /		COMPUTER	VIDEO	-	-	USB-A
NP-ME-801X / NP-ME301X / NP-ME301X NP-ME301X NP-ME301X NP-ME301X NP-ME301X NP-ME302X NP-P632X	*	NP-M361W / NP-M311X / NP-M271X / NP-M311W / NP-M	1271W	COMPUTER1	VIDEO	S-VIDEO	HDMI	VIEWER
NP-P603X / NP-P652XI / NP-P652XI			1/	COMPUTER	VIDEO	-	_	USB-A
NP-P650L/ NP-P350W/ NP-P450W/ NP-P604X	*	NP-ME360X / NP-ME310X / NP-ME270X		COMPUTER1	VIDEO	-	-	_
NP-PB05UL / NP-P525UL / NP-P452H NP-P451X / NP-P452H NP-P451X NP-P451X / NP-P451X NP-P450H NP-P450		NP-P603X / NP-P523X / NP-PE523X		COMPUTER	VIDEO	-	_	USB-A
NP-PS02HL NP-PS02WL NP-P452W		NP-P554U / NP-P474U / NP-P554W / NP-P474W / NP-P6	604X	COMPUTER	VIDEO	-	-	USB-A
NP-P5024 / NP-P4502W / NP-P458W NP-P450W				COMPUTER	_	_	_	USB-A
+ NP-P420X / NP-P350X / NP-P350W COMPUTER		NP-P502H / NP-P502W / NP-P452H / NP-P452W				-	-	-
** NP-PE401H COMPUTER VIDEO S-VIDEO HDMI1 — ** NP-PE401H COMPUTER VIDEO S-VIDEO HDMI1 — ** NP-PA600UL / NP-PA653UL NP-PA603UL / NP-PA653U / NP-PA657W / NP-PA657W / NP-PA652V / NP-PA622X NP-PA622X / NP-PA622X NP-PA622X / NP-PA62X / NP-PA657W / NP-PA571W / NP-PA672X / NP-PA650X / NP-PA550W / NP-PA550U	*							
NP-PE401H COMPUTER VIDEO S−VIDEO HDMI1 — NP-PA1004UL / NP-PA653UL COMPUTER —	*							
NP-PA1004UL / NP-PA653U								
NP-PA622U / NP-PA632U / NP-PA633U / NP-PA633U / NP-PA622U / NP-PA621U / NP-PA6200	*					S-VIDEO		
NP-PA603U / NP-PA622U / NP-PA672W / NP-PA672W / NP-PA672W / NP-PA622U / NP-PA622U / NP-PA622W / NP-PA672W / NP-PA672W / NP-PA622W / NP-PA621W / NP-PA620W / NP-PH1002H / NP-PH1002H / NP-PH1002H / NP-PH1002H / NP-PH1002H / NP-PH1000H / COMPUTER NP-PX0000U / NP-PX0000U / NP-PX000UL / NP-PX00W / NP-PX800W / NP-PX800W / NP-PX50U / NP-DX50W / NP-UZ50W				COMPUTER		-	_	_
NP-PA6221X		NP-PA803U / NP-PA723U / NP-PA653U / NP-PA853W / NP-PA703W / NP-PA903X		COMPUTER	-	-	-	-
NP-PAS21X / NP-PAS21X		NP-PA722X / NP-PA622X		COMPUTER	BNC(CV)	BNC(Y/C)	-	-
NP-PH3501QL / NP-PH2601QL		NP-PA721X / NP-PA621X			, ,	, ,	-	
* NP-PH1400U COMPUTER1 VIDEO S-VIDEO HDMI VIEWER NP-PH1002HL NP-PH1002HL COMPUTER BNC(CV) BNC(YC) — — — — — — — — — — — — — — — — — — —	*			COMPUTER1	VIDEO	S-VIDEO	HDMI	VIEWER
NP-PH1202HL / NP-PH1002HL				_	_	-	-	-
* NP-PH100UU COMPUTER1 VIDEO S-VIDEO HDMI VIEWER NP-PX2000UL COMPUTER	*				VIDEO		HDMI	VIEWER
NP-PX200UL COMPUTER		NP-PH1202HL / NP-PH1002HL		COMPUTER	BNC(CV)	BNC(Y/C)	_	_
NP-PX1005QL	*				VIDEO	S-VIDEO	HDMI	VIEWER
NP-PX1004UL NP-PX803UL NP-PX750U / NP-PX800X COMPUTER VIDEO S-VIDEO HDMI VIEWER NP-PX651X / NP-PX581W Computer1 Video S-Video Component -				COMPUTER	_	_	_	_
NP-PX803UL				_	_	_	_	_
NP-PX561X / NP-PX581W Computer1 Video S-Video Component		NP-PX803UL			` '	, ,	_	-
* NP-PX620X / NP-PX550W Computer1 Video S-Video Computer3 — NP-PX602UL / NP-PX602WL COMPUTER BNC(CV) BNC(Y/C) — — NP-U321H COMPUTER VIDEO — HDMI1(078-3) — NP-U300X / NP-U350X / NP-U310W / NP-U260W COMPUTER1 VIDEO S-VIDEO HDMI — NP-UM352W COMPUTER VIDEO — — — USB-A NP-UM351W / NP-UM301W / NP-UM361X / NP-UM301X COMPUTER VIDEO — — — USB-A NP-UM330X / NP-UM280X / NP-UM330W / NP-UM280W COMPUTER VIDEO S-VIDEO HDMI1 VIEWER NP-V332X / NP-V332W / NP-V302X / NP-V302H COMPUTER VIDEO — HDMI1(078-3) — NP-V311W / NP-V281W / NP-V311X COMPUTER1 VIDEO S-VIDEO HDMI — NP-V300X / NP-V301X / NP-V300W / NP-V300W COMPUTER1 VIDEO S-VIDEO HDMI — NP-V300X / NP-V300W / NP-V300W / NP-V300W COMPUTER1 VIDEO S-VIDEO HDMI — NP-V300X / NP-V260 / NP-V230 COMPUTER VIDEO S-VIDEO HDMI — NP-V300X / NP-V260 / NP-V230 COMPUTER VIDEO S-VIDEO HDMI — NP-V300X / NP-V260 / NP-V230 COMPUTER VIDEO S-VIDEO HDMI — NP-V300X / NP-V260 / NP-V230 COMPUTER VIDEO S-VIDEO HDMI — NP-V300X / NP-V260 / NP-V230 COMPUTER VIDEO S-VIDEO HDMI — NP-V300X / NP-V260 / NP-V230 COMPUTER VIDEO S-VIDEO HDMI — NP-V300X / NP-V260 / NP-V230 COMPUTER VIDEO S-VIDEO HDMI — NP-V300X / NP-V260 / NP-V230 COMPUTER VIDEO S-VIDEO HDMI — NP-V300X / NP-V260 / NP-V230 COMPUTER VIDEO S-VIDEO HDMI — NP-V260R COMPUTER VIDEO — HDMI —	*			COMPUTER1				VIEWER
NP-PX602UL / NP-PX602WL COMPUTER BNC(CV) BNC(Y/C) — — NP-U321H COMPUTER VIDEO — HDMI1(078-3) — NP-U300X / NP-U250X / NP-U310W / NP-U360W COMPUTER VIDEO — — NP-UM352W COMPUTER VIDEO — — — NP-UM351W / NP-UM361X / NP-UM360W / NP-UM360W / NP-UM360W / NP-UM280W / N				•				-
NP-U321H	*			Computer1	Video	S-Video	Computer3	_
* NP-U300X / NP-U250X / NP-U310W / NP-U260W COMPUTER1 VIDEO S-VIDEO HDMI — NP-UM352W COMPUTER VIDEO — — — USB-A NP-UM351W / NP-UM301W / NP-UM361X / NP-UM361X / NP-UM361X / NP-UM361X / NP-UM361X / NP-UM361X / NP-UM360W NP-UM280W COMPUTER VIDEO — HDMI1 VIEWER NP-U332X / NP-V332W / NP-V302X / NP-V302W / NP-V302H COMPUTER VIDEO — HDMI1(078-3) — * NP-V311W / NP-V311W / NP-V311X COMPUTER1 VIDEO S-VIDEO HDMI — * NP-V300X / NP-V260X / NP-V300W / NP-V260W COMPUTER1 VIDEO S-VIDEO HDMI — * NP-V300X / NP-V260 / NP-V300 COMPUTER VIDEO S-VIDEO — — — * NP-V600R COMPUTER VIDEO S-VIDEO HDMI — NP-V6303X / NP-VE303 COMPUTER VIDEO S-VIDEO HDMI — * NP-VE303X / NP-VE303 COMPUTER VIDEO S-VIDEO HDMI — * NP-VE303X / NP-VE303 COMPUTER VIDEO S-VIDEO HDMI — * NP-VE303X / NP-VE303 COMPUTER VIDEO S-VIDEO HDMI —		NP-PX602UL / NP-PX602WL		COMPUTER	BNC(CV)	BNC(Y/C)	_	_
NP-UM352W COMPUTER VIDEO - - - NP-UM351W / NP-UM301W / NP-UM361X / NP-UM301X COMPUTER VIDEO - - USB-A * NP-UM330X / NP-UM280X / NP-UM330W / NP-UM280W COMPUTER VIDEO S-VIDEO HDMI1 VIEWER NP-V332X / NP-V332W / NP-V302X / NP-V302W / NP-V302H COMPUTER VIDEO S-VIDEO HDMI1 (078-3) - * NP-V311W / NP-V281W / NP-V311X COMPUTER1 VIDEO S-VIDEO HDMI - * NP-V300X / NP-V260X / NP-V300W / NP-V260W COMPUTER1 VIDEO S-VIDEO HDMI - * NP-V230X / NP-V260 / NP-V230 COMPUTER VIDEO S-VIDEO - - * NP-V260R COMPUTER VIDEO S-VIDEO HDMI - * NP-VE303X / NP-VE303 COMPUTER VIDEO - - - * NP-VE281X / NP-VE281 COMPUTER VIDEO - - -		NP-U321H		COMPUTER	VIDEO		HDMI1(078-3)	_
NP-UM351W / NP-UM361X / NP-UM361X / NP-UM361X / NP-UM361X / NP-UM361X / NP-UM280W COMPUTER VIDEO — — USB-A * NP-UM330X / NP-UM280X / NP-UM280W / NP-UM280W COMPUTER VIDEO S-VIDEO HDMI1 (078-3) — * NP-V332X / NP-V332W / NP-V302W / NP-V302W / NP-V302H COMPUTER VIDEO S-VIDEO HDMI1 (078-3) — * NP-V311W / NP-V281W / NP-V311X COMPUTER1 VIDEO S-VIDEO HDMI — * NP-V300X / NP-V260X / NP-V300W / NP-V260W COMPUTER1 VIDEO S-VIDEO HDMI — * NP-V230X / NP-V260 / NP-V230 COMPUTER VIDEO S-VIDEO — — * NP-V260R COMPUTER VIDEO S-VIDEO HDMI — * NP-VE303X / NP-VE303 COMPUTER VIDEO — — — * NP-VE281X / NP-VE281 COMPUTER VIDEO — HDMI —	*	NP-U300X / NP-U250X / NP-U310W / NP-U260W		COMPUTER1	VIDEO	S-VIDEO	HDMI	-
* NP-UM330X / NP-UM280X / NP-UM280W		NP-UM352W		COMPUTER	VIDEO		_	_
* NP-UM330X / NP-UM280X / NP-UM280W		NP-UM351W / NP-UM301W / NP-UM361X / NP-UM301X		COMPUTER	VIDEO	-	-	USB-A
NP-V332X / NP-V332W / NP-V302X / NP-V302W / NP-V302H COMPUTER VIDEO — HDMI1(078-3) — * NP-V311W / NP-V281W / NP-V311X COMPUTER1 VIDEO S-VIDEO HDMI — * NP-V300X / NP-V260V / NP-V300W / NP-V260W COMPUTER1 VIDEO S-VIDEO HDMI — * NP-V230X / NP-V260 / NP-V230 COMPUTER VIDEO S-VIDEO — — * NP-V260R COMPUTER VIDEO S-VIDEO HDMI — * NP-VE303X / NP-VE303 COMPUTER VIDEO — — — * NP-VE281X / NP-VE281 COMPUTER VIDEO — HDMI —					VIDEO	S-VIDEO	HDMI1	
* NP-V311W / NP-V311X COMPUTER1 VIDEO S-VIDEO HDMI - * NP-V300X / NP-V260X / NP-V300W / NP-V260W COMPUTER1 VIDEO S-VIDEO HDMI - * NP-V300X / NP-V260 / NP-V230 COMPUTER VIDEO S-VIDEO * NP-V260R COMPUTER VIDEO S-VIDEO HDMI - * NP-V8303X / NP-VE303 COMPUTER VIDEO S-VIDEO HDMI - * NP-VE303X / NP-VE303 COMPUTER VIDEO * NP-VE281X / NP-VE281 COMPUTER VIDEO - HDMI -			02H			-		_
* NP-V300X / NP-V260X / NP-V300W / NP-V260W COMPUTER1 VIDEO S-VIDEO HDMI - * NP-V230X / NP-V260 / NP-V230 COMPUTER VIDEO S-VIDEO * NP-V600R COMPUTER VIDEO S-VIDEO HDMI - NP-VE303X / NP-VE303 COMPUTER VIDEO * NP-VE281X / NP-VE281 COMPUTER VIDEO - HDMI -	*					S-VIDEO	, ,	_
* NP-V230X / NP-V260 / NP-V230 * NP-V260R * NP-V2803X / NP-VE303 * NP-VE303X / NP-VE303 * NP-VE281X / NP-VE281 * NP-VE281X / NP-VE281 * OMPUTER * VIDEO * S-VIDEO * D- HDMI * NP-VE281X / NP-VE281 * OMPUTER * VIDEO * HDMI * HDMI * OMPUTER * VIDEO * HDMI * HDMI * HDMI * NP-VE281X / NP-VE281						S-VIDEO		_
* NP-V260R COMPUTER VIDEO S-VIDEO HDMI - NP-VE303X / NP-VE303 COMPUTER VIDEO * NP-VE281X / NP-VE281 COMPUTER VIDEO - HDMI -						S-VIDEO		_
* NP-VE281X / NP-VE281	*	NP-V260R		COMPUTER	VIDEO	S-VIDEO	HDMI	-
		NP-VE303X / NP-VE303		COMPUTER	VIDEO		_	
* NP-VE280X / NP-VE280 COMPUTER VIDEO	*	NP-VE281X / NP-VE281			VIDEO	_	HDMI	-
	*	NP-VE280X / NP-VE280		COMPUTER	VIDEO	_	_	

Supplement for "305-3" BASIC INFORMATION REQUEST"

Suppleme	Supplement for 305-3. BASIC INFORMATION REQUEST							
	Parameter	Model name	Description					
DATA04	Selection signal type 2	NP-U300X / NP-U250X /	If there is no signal, FFh is returned.					
		NP-U310W / NP-U260W						
DATA07	Sound mute	NP-M420XV	FFh is returned.					
DATA09	Freeze status	NP4100 / NP4100W /	Not supported (00h is always returned).					
		NP-PX620X / NP-PX550W						

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■Selection signal type

	Model name	DATA03	01h	01h	01h	01h
		DATA04	0Ah	20h	21h	22h
	NP4100 / NP4100W		-	_	_	_
*	NP-M420X / NP-M420XV NP-M350X / NP-M300X / NP-M260X / NP-M230X / NP-M3 NP-M260W / NP-M350XS / NP-M300XS / NP-M260XS / NP-M300WS / NP-M260WS		-	_	-	_
	NP-M403X / NP-M363X / NP-M323X / NP-M263X / NP-M4 NP-M363W / NP-M323W / NP-M333XS / NP-M353WS / NP-M303WS / NP-M403H / NP-M323H / NP-M353HS / NP-M323HS / NP-M303HS	03W /	-	-	HDMI1	-
	NP-M402W / NP-M362W / NP-M402X / NP-M362X / NP-M322X / NP-M282X / NP-M322W / NP-M352WS / NP-M302WS / NP-M332XS		-	_	HDMI1	-
*	NP-M361W / NP-M311X / NP-M271X / NP-M311W / NP-M	1271W	_	_	_	_
	NP-ME401W / NP-ME361W / NP-ME331W / NP-ME301W NP-ME401X / NP-ME361X / NP-ME331X / NP-ME301X	' /	-	-	HDMI1	-
*	NP-ME360X / NP-ME310X / NP-ME270X		_	_	-	_
	NP-P603X / NP-P523X / NP-PE523X		_	_	HDMI1	_
	NP-P554U / NP-P474U / NP-P554W / NP-P474W / NP-P6	04X	_	_	HDMI1	-
	NP-P605UL / NP-P525UL / NP-P525WL		-	_	HDMI1	_
	NP-P502HL / NP-P502WL NP-P502H / NP-P502W / NP-P452H / NP-P452W		_	-	HDMI1	-
	NP-P501X / NP-P451X / NP-P451W / NP-P401W		=	=	=	=
	NP-P420X / NP-P350X / NP-P350W		-	_	_	_
	NP-PE501X		-	_	_	_
	NP-PE401H		-	=	-	-
	NP-PA1004UL / NP-PA804UL NP-PA803UL / NP-PA653UL		-		HDMI1	DiaplayPort
	NP-PA803U / NP-PA723U / NP-PA653U / NP-PA853W / NP-PA703W / NP-PA903X		_	_	HDMI1	DiaplayPort
	NP-PA622U / NP-PA522U / NP-PA672W / NP-PA572W / NP-PA722X / NP-PA622X		-	-	HDMI1	DiaplayPort
	NP-PA621U / NP-PA521U / NP-PA671W / NP-PA571W / NP-PA721X / NP-PA621X		-	-	HDMI1	DiaplayPort
*	NP-PA600X / NP-PA500X / NP-PA550W / NP-PA500U		-	_	_	_
	NP-PH3501QL / NP-PH2601QL		_	_	HDMI1	DiaplayPort1
	NP-PH1400U		STEREO DVI		=	=
	NP-PH1202HL / NP-PH1002HL		-	-	HDMI	DiaplayPort
*	NP-PH1000U		_	-	_	_
	NP-PX2000UL		-	DVI-D	HDMI1	DiaplayPort
	NP-PX1005QL		-	_	HDMI1	DiaplayPort1
	NP-PX1004UL NP-PX803UL		-	-	HDMI	DiaplayPort
*	NP-PX750U / NP-PX700W / NP-PX800X		_		_	_
	NP-PX651X / NP-PX581W		_	_	_	Computer3
*	NP-PX620X / NP-PX550W		-	_	-	=
	NP-PX602UL / NP-PX602WL		-	-	HDMI	DiaplayPort
	NP-U321H		_	_	HDMI1(305-3)	_
	NP-U300X / NP-U250X / NP-U310W / NP-U260W		_	-	-	_
	NP-UM352W		_	_	HDMI1	_
	NP-UM351W / NP-UM301W / NP-UM361X / NP-UM301X		_		HDMI1	_
	NP-UM330X / NP-UM280X / NP-UM330W / NP-UM280W		_		TIDIVII I	
		0011	_		HDMI1(305-3)	_
	NP-V332X / NP-V332W / NP-V302X / NP-V302W / NP-V30	UZN			UDINI 1 (305-3)	
	NP-V311W / NP-V281W / NP-V311X NP-V300X / NP-V260X / NP-V300W / NP-V260W		_		_	_
	NP-V230X / NP-V260X / NP-V300W / NP-V260W NP-V230X / NP-V260 / NP-V230				_	
	NP-V250X / NP-V250 / NP-V250 NP-V260R		_		_	_
	NP-VE303X / NP-VE303		_	_	HDMI	_
	NP-VE281X / NP-VE281		_	_	-	_
	NP-VE280X / NP-VE280		_	_	_	_
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Supplement for "305-3 BASIC INFORMATION REGULEST"

Suppleme	Supplement for "305-3. BASIC INFORMATION REQUEST"						
	Parameter	Model name					
DATA04	Selection signal type 2	NP-U300X / NP-U250X /					
		NP-U310W / NP-U260W					
DATA07	Sound mute	NP-M420XV					
DATA09	Freeze status	NP4100 / NP4100W /					
		NP-PX620X / NP-PX550W					

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■Selection signal type

		D. T	041		0.41	201
	Model name	DATA03	01h	01h	01h	02h
	NP4100 / NP4100W	DATA04	23h	27h	28h	01h
	NP-M420X / NP-M420XV			=		Computer2
*	NP-M350X / NP-M300X / NP-M260X / NP-M230X / NP-M300W / NP-M260W / NP-M350XS / NP-M300XS / NP-M260XS / NP-M300WS / NP-M260WS		_	-	_	COMPUTER2
	NP-M403X / NP-M363X / NP-M323X / NP-M283X / NP-M4 NP-M363W / NP-M323W / NP-M333XS / NP-M353WS / NP-M303WS / NP-M403H / NP-M323H / NP-M353HS / NP-M323HS / NP-M303HS	03W /	-	-	-	-
	NP-M402W / NP-M362W / NP-M402X / NP-M362X / NP-M322X / NP-M282X / NP-M322W / NP-M352WS / NP-M302WS / NP-M332XS		_	_	_	_
*	NP-M361W / NP-M311X / NP-M271X / NP-M311W / NP-M	271W	_	-	-	COMPUTER2
	NP-ME401W / NP-ME361W / NP-ME331W / NP-ME301W NP-ME401X / NP-ME361X / NP-ME331X / NP-ME301X	/	-	-	-	-
*	NP-ME360X / NP-ME310X / NP-ME270X		-	_	-	COMPUTER2
	NP-P603X / NP-P523X / NP-PE523X			_	_	_
	NP-P554U / NP-P474U / NP-P554W / NP-P474W / NP-P6	04X	_	HDBaseT	_	_
	NP-P605UL / NP-P525UL / NP-P525WL			HDBaseT		_
	NP-P502HL / NP-P502WL NP-P502H / NP-P502W / NP-P452H / NP-P452W		-	HDBaseT	-	-
	NP-P501X / NP-P451X / NP-P451W / NP-P401W			_		-
	NP-P420X / NP-P350X / NP-P350W		_	_	-	COMPUTER2
	NP-PE501X NP-PE401H		_	_		_
	NP-PA1004UL / NP-PA804UL			HDBaseT	_	_
	NP-PA803U / NP-PA653UL NP-PA803U / NP-PA723U / NP-PA653U / NP-PA853W / NP-PA703W / NP-PA903X		-	HDBaseT	-	-
	NP-PA622U / NP-PA522U / NP-PA672W / NP-PA572W / NP-PA722X / NP-PA622X		_	_	_	BNC
	NP-PA621U / NP-PA521U / NP-PA671W / NP-PA571W / NP-PA721X / NP-PA621X		-	-	-	BNC
*	NP-PA600X / NP-PA500X / NP-PA550W / NP-PA500U		_	=	_	COMPUTER2
	NP-PH3501QL / NP-PH2601QL		SLOT	HDBaseT	SDI1	_
*	NP-PH1400U		_	_	_	COMPUTER2
	NP-PH1202HL / NP-PH1002HL		SLOT	_	_	BNC
*	NP-PH1000U		_	_	_	COMPUTER2
	NP-PX2000UL		_	HDBaseT SDI		BNC
	NP-PX1005QL		SLOT	HDBaseT	SDI1	_
	NP-PX1004UL NP-PX803UL		SLOT	HDBaseT	-	BNC
*	NP-PX750U / NP-PX700W / NP-PX800X		-	-	-	COMPUTER2
	NP-PX651X / NP-PX581W		HDMI	_	-	_
*	NP-PX620X / NP-PX550W		_	_	_	Computer2
	NP-PX602UL / NP-PX602WL		SLOT	_	_	BNC
	NP-U321H		_	_	_	_
	NP-U300X / NP-U250X / NP-U310W / NP-U260W				_	COMPUTER2
	NP-UM352W		_	_	_	- O O I E I Z
	NP-UM351W / NP-UM301W / NP-UM361X / NP-UM301X		-	_	-	_
*	NP-UM330X / NP-UM280X / NP-UM330W / NP-UM280W		_	_		_
	NP-V332X / NP-V332W / NP-V302X / NP-V302W / NP-V3	D2H	-	_	-	_
*	NP-V311W / NP-V281W / NP-V311X		_	_	_	COMPUTER2
*	NP-V300X / NP-V260X / NP-V300W / NP-V260W		-	_	-	COMPUTER2
	NP-V230X / NP-V260 / NP-V230		_	_	_	_
*	NP-V260R		-	=	-	_
	NP-VE303X / NP-VE303					
*	NP-VE281X / NP-VE281		_	_	_	_
*	NP-VE280X / NP-VE280			_		_

Supplement for "305-3. BASIC INFORMATION REQUEST"

	Parameter	Model name			
DATA04	Selection signal type 2	NP-U300X / NP-U250X /			
		NP-U310W / NP-U260W			
DATA07	Sound mute	NP-M420XV			
DATA09	Freeze status	NP4100 / NP4100W /			
		NP-PX620X / NP-PX550W			

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■Selection signal type

		DATAGO	0.01	001	001	0.01
	Model name	DATA03	02h	02h	02h	02h
	NID4400 / NID4400W	DATA04	06h	07h	21h	22h
*	NP4100 / NP4100W NP-M420X / NP-M420XV NP-M350X / NP-M300X / NP-M260X / NP-M230X / NP-M3 NP-M260W / NP-M350XS / NP-M300XS / NP-M260XS / NP-M300WS / NP-M260WS	00W /	-	NETWORK	_	_
	NP-M403X / NP-M363X / NP-M323X / NP-M283X / NP-M4 NP-M363W / NP-M323W / NP-M333XS / NP-M353WS / NP-M303WS / NP-M403H / NP-M323H / NP-M353HS / NP-M323HS / NP-M303HS	03W /	-	LAN	HDMI2	-
	NP-M402W / NP-M362W / NP-M402X / NP-M362X / NP-M322X / NP-M282X / NP-M322W / NP-M352WS / NP-M302WS / NP-M332XS		-	LAN	HDMI2	-
*	NP-M361W / NP-M311X / NP-M271X / NP-M311W / NP-M	1271W	_	NETWORK	-	_
	NP-ME401W / NP-ME361W / NP-ME331W / NP-ME301W NP-ME401X / NP-ME361X / NP-ME331X / NP-ME301X	11	-	LAN	HDMI2	_
*	NP-ME360X / NP-ME310X / NP-ME270X		_	_	_	_
	NP-P603X / NP-P523X / NP-PE523X			_	HDMI2	_
	NP-P554U / NP-P474U / NP-P554W / NP-P474W / NP-P6	04X	-	-	HDMI2	-
	NP-P605UL / NP-P525UL / NP-P525WL		_	LAN	HDMI2	_
	NP-P502HL / NP-P502WL NP-P502H / NP-P502W / NP-P452H / NP-P452W NP-P501X / NP-P451X / NP-P451W / NP-P401W		- LIDMID	- NETWORK	HDMI2	-
			HDMI2	NETWORK	_	_
	NP-P420X / NP-P350X / NP-P350W NP-PE501X		HDMI2	NETWORK	_	_
	NP-PE401H		HDMI2	_	_	_
*	NP-PA1004UL / NP-PA804UL		TIDIVIIZ		HDMI2	_
	NP-PA803UL / NP-PA653UL NP-PA803U / NP-PA723U / NP-PA653U / NP-PA853W / NP-PA703W / NP-PA903X		-	-	HDMI2	-
	NP-PA622U / NP-PA522U / NP-PA672W / NP-PA572W / NP-PA722X / NP-PA622X		_	HDBaseT	HDMI2	-
	NP-PA621U / NP-PA521U / NP-PA671W / NP-PA571W / NP-PA721X / NP-PA621X		-	ETHERNET	HDMI2	-
*	NP-PA600X / NP-PA500X / NP-PA550W / NP-PA500U		DisplayPort	NETWORK	_	_
	NP-PH3501QL / NP-PH2601QL		_	-	HDMI2	DiaplayPort2
*	NP-PH1400U		DisplayPort	NETWORK	_	-
	NP-PH1202HL / NP-PH1002HL		1	HDBaseT	-	_
*	NP-PH1000U		DisplayPort	NETWORK	-	_
	NP-PX2000UL		-	_	HDMI2	_
	NP-PX1005QL		ı	ı	HDMI2	DiaplayPort2
	NP-PX1004UL NP-PX803UL		-	-	-	-
*	NP-PX750U / NP-PX700W / NP-PX800X		DisplayPort	NETWORK	_	_
	NP-PX651X / NP-PX581W		Computer2	_	HDBaseT	_
*	NP-PX620X / NP-PX550W			_	_	
	NP-PX602UL / NP-PX602WL		-	HDBaseT	-	_
	NP-U321H		HDMI2(078-3)	_	HDMI2(305-3)	_
*	NP-U300X / NP-U250X / NP-U310W / NP-U260W		-	-	-	_
	NP-UM352W		_	_	HDMI2	_
	NP-UM351W / NP-UM301W / NP-UM361X / NP-UM301X		_	LAN	HDMI2	_
*	NP-UM330X / NP-UM280X / NP-UM330W / NP-UM280W		HDMI2	NETWORK	_	_
	NP-V332X / NP-V332W / NP-V302X / NP-V302W / NP-V3	02H	HDMI2(078-3)	-	HDMI2(305-3)	_
*	NP-V311W / NP-V281W / NP-V311X			_		_
	NP-V300X / NP-V260X / NP-V300W / NP-V260W		=	-	_	_
	NP-V230X / NP-V260 / NP-V230		_	_	_	_
	NP-V260R		_	_	_	_
	NP-VE303X / NP-VE303		_	_	_	_
*	NP-VE281X / NP-VE281		-	-	-	_
*	NP-VE280X / NP-VE280		_	_	_	_

Supplement for "305-3. BASIC INFORMATION REQUEST"

	Parameter	Model name
DATA04	Selection signal type 2	NP-U300X / NP-U250X /
		NP-U310W / NP-U260W
DATA07	Sound mute	NP-M420XV
DATA09	Freeze status	NP4100 / NP4100W /
		NP-PX620X / NP-PX550W

078-3. INPUT STATUS REQUEST 305-3. BASIC INFORMATION REQUEST The asterisked models exclusively support "305-3. BASIC INFORMATIO

i.e. don't support "078-3. INPUT STATUS REQUEST".

■Selection signal type

	Model name	DATA03	02h	03h	03h	03h
		DATA04	28h	01h	04h	06h
*	NP4100 / NP4100W		-	_	Component	_
*	NP-M420X / NP-M420XV NP-M350X / NP-M300X / NP-M260X / NP-M230X / NP-M3 NP-M260W / NP-M350XS / NP-M300XS / NP-M260XS / NP-M300WS / NP-M260WS		-	-	-	_
	NP-M403X / NP-M363X / NP-M323X / NP-M263X / NP-M3 NP-M363W / NP-M323W / NP-M333XS / NP-M353WS / NP-M303WS / NP-M403H / NP-M323H / NP-M363HS / NP-M323HS / NP-M303HS	03W /	-	-	-	-
	NP-M402W / NP-M362W / NP-M402X / NP-M362X / NP-M322X / NP-M282X / NP-M322W / NP-M352WS / NP-M302WS / NP-M332XS		-	_	-	-
*	NP-M361W / NP-M311X / NP-M271X / NP-M311W / NP-M	1271W	_	_	_	_
	NP-ME401W / NP-ME361W / NP-ME331W / NP-ME301W NP-ME401X / NP-ME361X / NP-ME331X / NP-ME301X	' /	-	_	-	_
*	NP-ME360X / NP-ME310X / NP-ME270X		_	-	_	_
	NP-P603X / NP-P523X / NP-PE523X		_	-	1	_
	NP-P554U / NP-P474U / NP-P554W / NP-P474W / NP-P6	04X	_	-	-	-
	NP-P605UL / NP-P525UL / NP-P525WL		_	_	_	_
	NP-P502HL / NP-P502WL NP-P502H / NP-P502W / NP-P452H / NP-P452W		-	-	-	_
	NP-P501X / NP-P451X / NP-P451W / NP-P401W			_	_	_
	NP-P420X / NP-P350X / NP-P350W		-	-	-	-
*	NP-PE501X		_	_	_	_
*	NP-PE401H NP-PA1004UL / NP-PA804UL		<u> </u>	_	_	_
	NP-PA803UL / NP-PA804UL			_	_	_
	NP-PA803U / NP-PA723U / NP-PA653U / NP-PA853W / NP-PA703W / NP-PA903X		-	-	-	_
	NP-PA622U / NP-PA522U / NP-PA672W / NP-PA572W / NP-PA722X / NP-PA622X		_	_	-	_
	NP-PA621U / NP-PA521U / NP-PA671W / NP-PA571W / NP-PA721X / NP-PA621X		-	-	-	_
*	NP-PA600X / NP-PA500X / NP-PA550W / NP-PA500U		_	COMPUTER3	_	_
	NP-PH3501QL / NP-PH2601QL		SDI2	-	ı	-
*	NP-PH1400U		_	COMPUTER3		SLOT
	NP-PH1202HL / NP-PH1002HL		_	_	-	_
*	NP-PH1000U		_	COMPUTER3	_	SLOT
	NP-PX2000UL		-	_	-	_
	NP-PX1005QL		SDI2	_	_	_
	NP-PX1004UL NP-PX803UL		-	-	-	-
*	NP-PX750U / NP-PX700W / NP-PX800X			COMPUTER3	_	SLOT
	NP-PX651X / NP-PX581W		-	-	-	-
*	NP-PX620X / NP-PX550W		_	_	Component	_
	NP-PX602UL / NP-PX602WL		-	_	_	-
	NP-U321H		=	=	=	=
*	NP-U300X / NP-U250X / NP-U310W / NP-U260W		_	_	-	=
	NP-UM352W		=	-	_	-
	NP-UM351W / NP-UM301W / NP-UM361X / NP-UM301X		_	-	_	_
*	NP-UM330X / NP-UM280X / NP-UM330W / NP-UM280W		_	_	_	-
	NP-V332X / NP-V332W / NP-V302X / NP-V302W / NP-V3	02H	_	_	_	_
*	NP-V311W / NP-V281W / NP-V311X		_	_	_	-
	NP-V300X / NP-V260X / NP-V300W / NP-V260W		-	-	-	_
	NP-V230X / NP-V260 / NP-V230		_	_	_	-
*	NP-V260R		-	-	-	-
	NP-VE303X / NP-VE303		_	-	_	_
*	NP-VE281X / NP-VE281		-	-	-	-
*	NP-VE280X / NP-VE280		-	-	_	-

Supplement for "305-3 BASIC INFORMATION REGULEST"

Supplement for "305-3. BASIC INFORMATION REQUEST"								
	Parameter	Model name						
DATA04	Selection signal type 2	NP-U300X / NP-U250X /						
		NP-U310W / NP-U260W						
DATA07	Sound mute	NP-M420XV						
DATA09	Freeze status	NP4100 / NP4100W /						
		NP-PX620X / NP-PX550W						

078-3. INPUT STATUS REQUEST 305-3. BASIC INFORMATION REQUEST The asterisked models exclusively support "305-3. BASIC INFORMATIO

i.e. don't support "078-3. INPUT STATUS REQUEST".

■Selection signal type

		D. T	201	0.41	0.41	051
	Model name	DATA03	03h	04h	04h	05h
	ND 4400 (ND 4400)M	DATA04	28h	07h	28h	07h
	NP4100 / NP4100W		_	_	_	_
*	NP-M420X / NP-M420XV NP-M350X / NP-M300X / NP-M260X / NP-M230X / NP-M3 NP-M260W / NP-M350XS / NP-M300XS / NP-M260XS / NP-M300WS / NP-M260WS	00W /	=	USB DISPLAY	-	-
	NP-M403X / NP-M363X / NP-M323X / NP-M283X / NP-M4 NP-M363W / NP-M323W / NP-M333XS / NP-M353WS / NP-M303WS / NP-M403H / NP-M323H / NP-M353HS / NP-M323HS / NP-M303HS	03W /	-	USB-B	-	-
	NP-M402W / NP-M362W / NP-M402X / NP-M362X / NP-M322X / NP-M282X / NP-M322W / NP-M352WS / NP-M302WS / NP-M332XS		-	USB-B	-	-
*	NP-M361W / NP-M311X / NP-M271X / NP-M311W / NP-M	271W	-	USB DISPLAY	-	=
	NP-ME401W / NP-ME361W / NP-ME331W / NP-ME301W NP-ME401X / NP-ME361X / NP-ME331X / NP-ME301X	1	-	USB-B	-	_
*	NP-ME360X / NP-ME310X / NP-ME270X		-	_	-	_
	NP-P603X / NP-P523X / NP-PE523X		_	=	_	_
	NP-P554U / NP-P474U / NP-P554W / NP-P474W / NP-P6	04X	_	_	_	_
	NP-P605UL / NP-P525UL / NP-P525WL			_		_
	NP-P502HL / NP-P502WL NP-P502H / NP-P502W / NP-P452H / NP-P452W		-	-	-	APPS
	NP-P501X / NP-P451X / NP-P451W / NP-P401W			USB DISPLAY		_
	NP-P420X / NP-P350X / NP-P350W		_	USB DISPLAY	-	_
	NP-PE501X NP-PE401H			USB DISPLAY		_
	NP-PA1004UL / NP-PA804UL		_	_		_
	NP-PA803UL / NP-PA653UL			_		_
	NP-PA603U / NP-PA623U / NP-PA653U / NP-PA853W / NP-PA703W / NP-PA903X		-	-	-	-
	NP-PA622U / NP-PA522U / NP-PA672W / NP-PA572W / NP-PA722X / NP-PA622X		_	-	_	-
	NP-PA621U / NP-PA521U / NP-PA671W / NP-PA571W / NP-PA721X / NP-PA621X		-	-	-	-
	NP-PA600X / NP-PA500X / NP-PA550W / NP-PA500U		_	_	_	_
	NP-PH3501QL / NP-PH2601QL		SDI3	_	SDI4	_
	NP-PH1400U		_	_		_
	NP-PH1202HL / NP-PH1002HL		_	-		-
	NP-PH1000U		_	_	_	_
	NP-PX2000UL		-	_	-	-
	NP-PX1005QL		SDI3	-	SDI4	_
	NP-PX1004UL NP-PX803UL		_	_	_	_
	NP-PX750U / NP-PX700W / NP-PX800X		_	_	_	_
	NP-PX651X / NP-PX581W		-	_	_	_
	NP-PX620X / NP-PX550W		_	_	_	_
	NP-PX602UL / NP-PX602WL			_	_	_
	NP-U321H			_		_
				_		_
*	NP-U300X / NP-U250X / NP-U310W / NP-U260W			LICD D		ADDC
	NP-UM352W			USB-B		APPS
	NP-UM351W / NP-UM301W / NP-UM361X / NP-UM301X		_	USB-B	_	_
	NP-UM330X / NP-UM280X / NP-UM330W / NP-UM280W			USB DISPLAY		_
	NP-V332X / NP-V332W / NP-V302X / NP-V302W / NP-V30	02H	-	_	-	_
	NP-V311W / NP-V281W / NP-V311X			-		_
	NP-V300X / NP-V260X / NP-V300W / NP-V260W		=	-	-	_
	NP-V230X / NP-V260 / NP-V230			_	_	_
	NP-V260R		_	_	_	_
	NP-VE303X / NP-VE303 NP-VE281X / NP-VE281			_		_
	NP-VE281X / NP-VE281 NP-VE280X / NP-VE280			_		
*	141 V LZGO// 141 - V LZGO			_	-	<u> </u>

Supplement for "305-3. BASIC INFORMATION REQUEST"

	Parameter	Model name			
DATA04	Selection signal type 2	NP-U300X / NP-U250X /			
		NP-U310W / NP-U260W			
DATA07	Sound mute	NP-M420XV			
DATA09	Freeze status	NP4100 / NP4100W /			
		NP-PX620X / NP-PX550W			

097-198. PIP/PICTURE BY PICTURE REQUEST 098-198. PIP/PICTURE BY PICTURE SET

※··· SUB2 INPUT and SUB3 INPUT are not supported.

■Sub input

DATA02								DATA02
Model name	00h	01h	02h	03h	04h	05h	06h	07h
NP-P605UL / NP-P525UL / NP-P525WL	OFF	_	_	HDMI1	HDMI2	_	COMPUTER	
NP-PA1004UL / NP-PA804UL	OFF	_	_	HDMI1	HDMI2	DisplayPort	COMPUTER	_
NP-PA803UL / NP-PA653UL NP-PA803U / NP-PA723U / NP-PA653U / NP-PA853W / NP-PA703W / NP-PA903X	OFF	_	ı	HDMI1	HDMI2	DisplayPort	COMPUTER	ı
NP-PA622U / NP-PA522U / NP-PA672W / NP-PA572W / NP-PA722X / NP-PA622X	OFF	BNC(CV)	BNC(Y/C)	HDMI1	HDMI2	DisplayPort	COMPUTER	BNC
NP-PA621U / NP-PA521U / NP-PA671W / NP-PA571W / NP-PA721X / NP-PA621X	OFF	BNC(CV)	BNC(Y/C)	HDMI1	HDMI2	DisplayPort	COMPUTER	BNC
NP-PH3501QL / NP-PH2601QL	_	_	_	HDMI1	HDMI2	DisplayPort1	_	_
NP-PH1202HL / NP-PH1002HL	OFF	BNC(CV)	BNC(Y/C)	HDMI	SLOT	DisplayPort	COMPUTER	BNC
NP-PX1005QL	_	_	_	HDMI1	HDMI2	DisplayPort1	_	_
NP-PX1004UL NP-PX803UL	OFF	BNC(CV)	BNC(Y/C)	HDMI	SLOT	DisplayPort	COMPUTER	BNC
NP-PX602UL / NP-PX602WL	OFF	BNC(CV)	BNC(Y/C)	HDMI	SLOT	DisplayPort	COMPUTER	BNC

097-198. PIP/PICTURE BY PICTURE REQUES 098-198. PIP/PICTURE BY PICTURE SET

※ · · · SUB2 INPUT and SUB3 INPUT are not supported.

■Sub input

DATA02								
Model name	08h	09h	0Ah	0Bh	0Ch	0Dh	0Eh	0Fh
NP-P605UL / NP-P525UL / NP-P525WL	HDBaseT	_	_		_	_	_	_
NP-PA1004UL / NP-PA804UL	HDBaseT	_	_	_	_	_	_	_
NP-PA803UL / NP-PA653UL NP-PA803U / NP-PA723U / NP-PA653U / NP-PA853W / NP-PA703W / NP-PA903X	HDBaseT		_	-	ı	П	_	_
NP-PA622U / NP-PA522U / NP-PA672W / NP-PA572W / NP-PA722X / NP-PA622X	HDBaseT	1	_	ı	ı	ı	-	_
NP-PA621U / NP-PA521U / NP-PA671W / NP-PA571W / NP-PA721X / NP-PA621X	ETHERNET	USB-A	_	_	_	_	_	_
NP-PH3501QL / NP-PH2601QL	HDBaseT※	_	DisplayPort2	SDI1	SDI2	SDI3	SDI4	SLOT※
NP-PH1202HL / NP-PH1002HL	HDBaseT	_	_	_	_	_	_	_
NP-PX1005QL	HDBaseT※	_	DisplayPort2	SDI1	SDI2	SDI3	SDI4	SLOT※
NP-PX1004UL NP-PX803UL	HDBaseT	_	_	_	_	_	_	_
NP-PX602UL / NP-PX602WL	HDBaseT	_	_	-	_	_	_	_

319-10. AUDIO SELECT SET

■Audio select

Model name			DATA02	DATA02			
iviousi fiame	00h	01h	02h	03h	04h	05h	09h
NP-PA1004UL / NP-PA804UL / NP-PA622U / NP-PA522U / NP-PA672W / NP-PA572W / NP-PA722X / NP-PA622X	HDMI1	HDMI2	DisplayPort	HDBaseT	USB-A	USB-B	_
Othere than the above models	HDMI1	HDMI2	DisplayPort	ETHRENET or LAN	USB-A	USB-B	HDBaseT