

Guideline for Data Projector Indications

Revised in April 2025

Projector Terminology Task Force

Data Projector Group

Japan Business Machine and Information System Industries Association

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Revised History of the Guideline for Data Projector Indications

	Established date / Revised date	Contents
1st Edition	August 2007	<ul style="list-style-type: none"> Thirty-four indications (English) regarding operation buttons, input/output terminals, and indicators were included and set as the guideline.
2nd Edition	February 2010	<ul style="list-style-type: none"> Indications in Japanese were added in addition to those in English. Eight indications regarding indicators and functions were added.
3rd Edition	November 2011	<ul style="list-style-type: none"> Twenty-eight indications regarding parts of the main unit, accessories, input/output terminals, and indicators in user's manual were added. Function names were divided according to functional categories.
4th Edition	July 2014	<ul style="list-style-type: none"> Twenty-one indications regarding functions displayed on parts of the main unit, operation buttons, and menus in user's manual were added.
5th Edition	May 2017	<ul style="list-style-type: none"> Indication formats in the guideline were revised. Four indications regarding parts of the main unit, input/output terminals, and functions in user's manual were added.
6th Edition	April 2022	<ul style="list-style-type: none"> Review of guideline explanation text. A total of nine indications have been added: Accessories in the instruction manual, signal input/output terminals of the main unit, indicators of the main unit, and functions displayed in the menu.
7th Edition	April 2025	<ul style="list-style-type: none"> Reviewed the explanatory text of the guideline. Reviewed the consistency with the "Guideline for Data Projector Indications " (Japanese only), including the indications of long vowels. Reviewed a total of seven descriptions of the parts of the main unit and accessories in the user's manual, accessories in the user's manual, and functions displayed in the menus. Reviewed the explanation of functions related to the aspect ratio of the projected image. Changed the name of the editor and publisher's organization.

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Guideline for Data Projector Indications

Introduction

The purpose of this guideline is to unify functions and indications used by data projectors of respective companies so that users are able to operate and use them easily. The guideline rules indications in the on-screen menu, operating instructions, and handling procedures described in user's manual as well as indicators on the main unit. In addition, the guideline is designed only to specify the indications used in common among most of data projectors, not aiming at unification of all the possible indications.

In this guideline, data projectors shall mean a display device that converts electrical signals containing image information from an automatic data processing device into optical signals and projects them onto a projection screen.

Although this guideline is not designed to provide standards for data projectors, each manufacturer shall make every effort to comply with this guideline.

1 Scope

This guideline is designed to covers English and Japanese terminologies regarding data projectors. For indications in other languages, translations shall be based on English or Japanese. This guideline specifies the following items.

- Parts of the main unit and accessories in the user's manual
- Accessories in the user's manual
- Operating buttons on main unit and remote control
- Signal input/output terminals on main unit
- Indicators on main unit
- Functions displayed in the on-screen menu
- Functions related to power operation
- Functions related to aspect ratio of the projected image

2 Trademarks

The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc. in the United States and other countries.

DisplayPort™ is a trademark owned by the Video Electronics Standards Association (VESA®) in the United States and other countries.

3 Indications

This guideline provides the basic indications, but the following items may be determined independently by the manufacturer.

3.1 Ruled indications

In the indications specified in this guideline, functions or parts of functions that are not adopted may not be described.

3.2 Unruled indications

The manufacturer's own indications may be used to describe the manufacturer's own or product-specific functions, parts, and accessories, as well as those that extend the functions indicated by the specified indications. In addition, for indications not shown in individual items, it is desirable to unify them using the indication examples prescribed in other items.

3.3 Alternative indications using icons

Alternative indications using icons may be used instead of the specified indications, including in cases where space is limited. This guideline does not rule icon designs.

3.4 Indication methods of letters (letter sizes, symbols, abbreviations, complements, Variation of notation)

The following are at the discretion of the manufacturer: indication methods of terminologies such as the use of uppercases, lowercases, and adding blank spaces and symbols used between letters or words, and indication methods of abbreviations for terms, and single or plural forms, adding, modifying/complement words before or after terms, variation of notation, indication in original languages and translation. Respective examples are shown below.

Indication methods of characters	Example
a) Uppercases/lowercases	COMPUTER → Computer
b) Symbols ¹⁾	AV STANDBY → A/V STANDBY
c) Abbreviations ²⁾	INPUT/OUTPUT → I/O
d) Single or plural forms	FOOT → FEET
e) Modifying/Complement words	FOOT → FRONT FOOT, FOOT ADJUSTER, ADJUSTABLE FOOT
f) Variation of notation	コンピューター → コンピュータ
g) Indications in original languages ³⁾	STANDBY (Eng) → STANDBY (Jpn), スタンバイ (Jpn) ミュート (Jpn) → MUTE (Jpn)
h) Indications in translation	VOLUME (Eng) → 音量 (Jpn) 音量 (Jpn) → VOLUME (Jpn)

Note ¹⁾ Symbols mean blank spaces, periods (.), slashes (/), hyphens (-), etc.

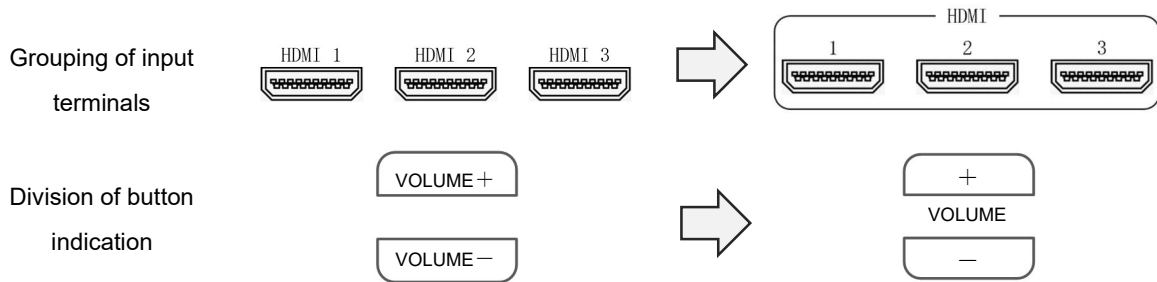
Note ²⁾ Abbreviations (shortened terms or signs) other than those widely known should not be used.

However, abbreviations not widely known, such as those accepted only in the industry, may be used only when they facilitate explanation and understanding. In such cases, the abbreviation shall be explained in the part of the user's manual where it appears for the first time, etc.

Note ³⁾ Indication in original languages refers to using the prescribed terms regardless of the language in which they are written.

3.5 Grouped indication method

Indications in which multiple terms are grouped or terms composed of multiple words are divided in the middle are also possible. Respective examples are shown below.



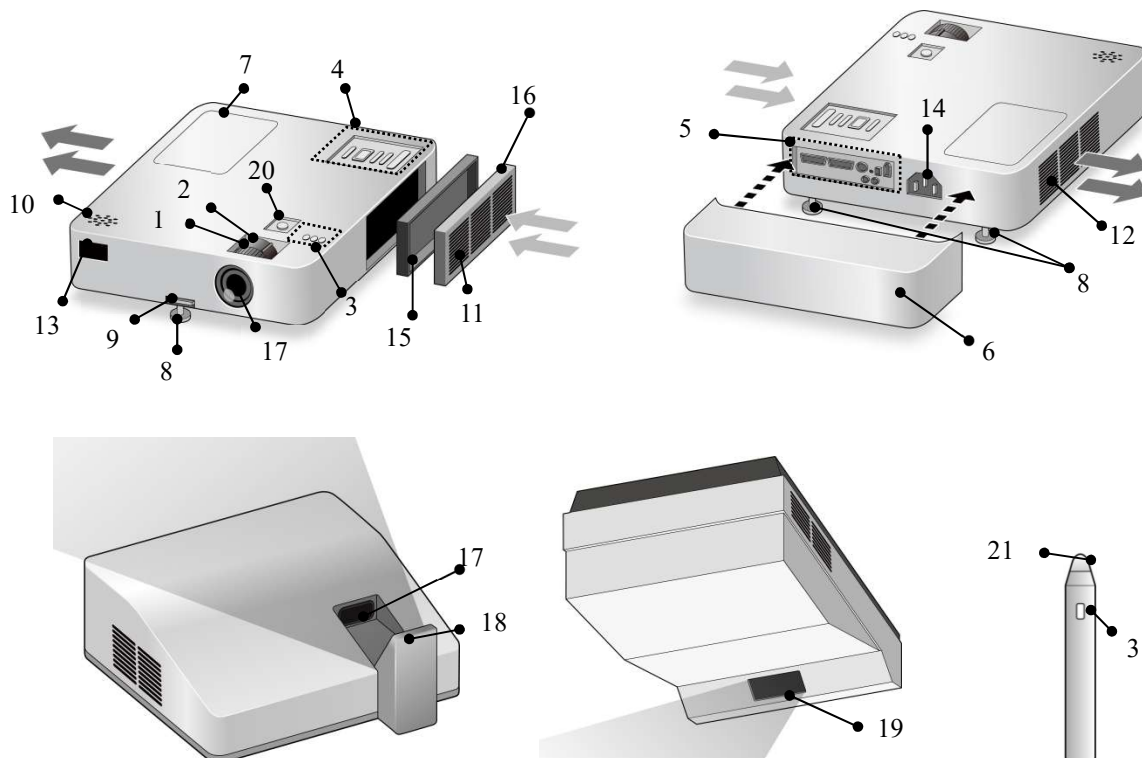
3.6 Illustrations used in this guideline

Illustrations used in the guideline are conceptual diagrams to check on parts and functions defined in the guideline and they do not specify the positions or shapes.

Furthermore, all rights reserved for illustrations used in this guideline.

4 Indication Method

4.1 Parts of the main unit and accessories in user's manual



	Part description	Eng /Jpn	Recommended indications	Other indication examples
1	Operation part for image focus adjustment	Eng	FOCUS RING FOCUS LEVER	FOCUS
		Jpn	フォーカスリング フォーカスレバー	フォーカス
2	Operation part to enlarge or contract a whole image	Eng	ZOOM RING ZOOM LEVER	ZOOM
		Jpn	ズームリング ズームレバー	ズーム
3	Indicator to show the status of the main unit or accessories	Eng	INDICATOR	POWER INDICATOR INDICATOR PANEL
		Jpn	インジケーター	電源インジケーター インジケーター部
4	Generic name of the button area to operate the main unit	Eng	CONTROL PANEL	CONTROLS
		Jpn	操作部 操作パネル	
5	Generic name of the INPUT/OUTPUT terminal port	Eng	PORTS TERMINALS INPUT / OUTPUT	INPUT / OUTPUT TERMINALS I/O PANEL
		Jpn	接続端子部 入出力端子パネル	Indication including 端子 and clearly imply the generic name.
6	Part to cover INPUT/OUTPUT terminal ports and cables	Eng	CABLE COVER TERMINAL COVER	
		Jpn	ケーブルカバー 端子カバー	
7	Part to cover the lamp unit	Eng	LAMP COVER LAMP UNIT COVER	LAMP DOOR
		Jpn	ランプカバー ランプユニットカバー	
8	Part to adjust the tilt and height of the main unit	Eng	FOOT	ADJUSTABLE FOOT
		Jpn	脚	調整脚

	Part description	Eng /Jpn	Recommended indications	Other indication examples
9	Button or lever to adjust the tilt and height of the main unit	Eng	FOOT LEVER ELEVATOR BUTTON	ADJSUTABLE LEVER
		Jpn	調整レバー 角度調整用ボタン	
10	Built-in speaker	Eng	SPEAKER	
		Jpn	スピーカー	
11	Intake port of ambient air for cooling	Eng	INTAKE VENT	VENTILATION (INLET)
		Jpn	吸気口 吸気孔	
12	Exhaust port in the main unit	Eng	EXHAUST VENT	VENTILATION (OUTLET)
		Jpn	排気口 排気孔	
13	Sensor/Receiver of the remote control ³⁾	Eng	REMOTE CONTROL SENSOR REMOTE CONTROL RECEIVER	IR SENSOR IR RECEIVER
		Jpn	リモコン受光部 リモコン受信部	赤外線受光部 赤外線受信部
14	Power socket of the main unit	Eng	AC IN TERMINAL POWER SOCKET	Indication including AC or POWER
		Jpn	AC IN 端子 電源端子	Indication including AC or 電源
	Power adapter of the main unit	Eng	DC IN TERMINAL	Indication including DC
		Jpn	DC IN 端子	Indication including DC
15	Filter to prevent dust inflow into the main unit	Eng	FILTER	AIR FILTER DUST FILTER
		Jpn	フィルター	エアフィルター ダストフィルター

	Part description	Eng /Jpn	Recommended indications	Other indication examples
16	Part to cover the filter	Eng	FILTER COVER	
		Jpn	フィルターカバー	
17	Lens for projection	Eng	LENS PROJECTION LENS	
		Jpn	レンズ 投写レンズ	
18	Mirror for reflecting the projection light	Eng	MIRROR	
		Jpn	ミラー	
19	Output area of the reflected projection light in the main unit	Eng	PROJECTION WINDOW	
		Jpn	投写窓 投映窓	
20	Operation part to adjust lens position	Eng	LENS SHIFT LEVER LENS SHIFT DIAL	LENS SHIFT
		Jpn	レンズシフトレバー レンズシフトダイヤル	レンズシフト
21	Pen tip to control interactive operations	Eng	TIP NIB	
		Jpn	ペン先	

Note ³⁾ Indications used at the transmission/emission portion of the remote control shall include “TRANSMITTER” or “EMITTER”.

4.2 Accessories in user's manual

Part description	Eng /Jpn	Recommended indications	Other indication examples
Power cord	Eng	POWER CORD POWER CABLE	
	Jpn	電源コード 電源ケーブル	
Power adapter	Eng	POWER ADAPTER AC ADAPTER	
	Jpn	電源アダプター AC アダプター	
Computer cable	Eng	COMPUTER CABLE	COMPUTER CABLE (D-sub15) RGB CABLE
	Jpn	コンピューターケーブル	コンピューターケーブル (D-sub15) RGB ケーブル
DVI-D cable	Eng	DVI-D CABLE	
	Jpn	DVI-D ケーブル	
DVI-I cable	Eng	DVI-I CABLE	
	Jpn	DVI-I ケーブル	
HDMI cable	Eng	HDMI CABLE	
	Jpn	HDMI ケーブル	
USB Cable	Eng	USB CABLE	
	Jpn	USB ケーブル	
Lens protector	Eng	LENS CAP LENS COVER	
	Jpn	レンズキャップ レンズカバー	
Remote control	Eng	REMOTE CONTROL REMOTE	IR REMOTE
	Jpn	リモコン	赤外線リモコン
Pen to control interactive operations	Eng	PEN	INTERACTIVE PEN
	Jpn	ペン	インタラクティブペン

4.3 Operation buttons on the main unit and remote control

Part description	Eng /Jpn	Recommended indications	Other indication examples
Main power	Eng	MAIN ON OFF	
	Jpn	主電源 電源スイッチ 入 切	
Power	Eng	POWER STANDBY ON OFF	
	Jpn	電源 待機,スタンバイ 入 切	
Input switching	Eng	INPUT SOURCE	
	Jpn	入力	入力切替
Focus	Eng	FOCUS	
	Jpn	フォーカス	
Zoom ⁴⁾	Eng	ZOOM	
	Jpn	ズーム	
Lens Shift	Eng	LENS SHIFT	
	Jpn	レンズシフト	
Menu	Eng	MENU	
	Jpn	メニュー	
Keystone correction	Eng	KEYSTONE	V-KEYSTONE CORRECTION
	Jpn	キーストーン 台形	台形補正

Part description	Eng /Jpn	Recommended indications	Other indication examples
Non-display of image	Eng	BLANK	
	Jpn	ブランク 映像消去	
Mute	Eng	MUTE MUTING	
	Jpn	ミュート 消音	
Non-display of image and Mute ⁵⁾	Eng	AV MUTE AV MUTING BLANK	
	Jpn	AV ミュート ブランク	
Changing aspect ratio	Eng	ASPECT RESIZE	
	Jpn	アスペクト リサイズ	
Partial enlargement ⁶⁾	Eng	MAGNIFY	D-ZOOM
	Jpn	拡大	部分拡大 Dズーム
Next page Previous page	Eng	PAGE	PAGE UP / DOWN PAGE + / -
	Jpn	ページ	ページ 送り／戻し ページ +／－
Pause	Eng	FREEZE	
	Jpn	フリーズ 静止	
Volume	Eng	VOLUME	VOL + / -
	Jpn	音量	音量 +／－

Note ⁴⁾ “Zoom” means any function to enlarge or contract a whole image.

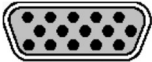
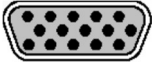






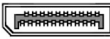
Note ⁵⁾ “BLANK” or “ブランク” may be used since it includes ‘Mute’ as a secondary function.








Note ⁶⁾ Partial enlargement shall mean a function that enlarges only a part of an image.

The indication shall be distinguishable from the “Zoom” function.

D-zoom means digital zoom.

4.4 Signal input/output terminals on main unit

Part description	Signal	Eng /Jpn	Recommended indications	Other indication examples
Mini D-sub 15 pin 	Computer input signal	Eng	COMPUTER COMPUTER IN	RGB IN
		Jpn	コンピューター コンピューター入力	RGB 入力
Mini D-sub 15 pin 	Computer output signal	Eng	MONITOR OUT	RGB OUT
		Jpn	モニタ出力	RGB 出力
DVI-D 	DVI (Digital)	Eng	DVI-D	
		Jpn	DVI-D	
DVI-I 	DVI (Analog/Digital)	Eng	DVI-I	
		Jpn	DVI-I	
RCA 	Composite video signal	Eng	VIDEO	
		Jpn	ビデオ	コンポジットビデオ
Mini DIN 4 pin 	S VIDEOsignal	Eng	S-VIDEO	
		Jpn	S-ビデオ	
RCA 	Y Pb Pr Y Cb Cr Component video signal	Eng	Y Pb Pr Y Cb Cr	Red-Pr / Green-Y / Blue-Pb
		Jpn	Y Pb Pr Y Cb Cr	赤-Pr / 緑-Y / 青-Pb
HDMI 	HDMI	Eng	(See Notice 1)	
		Jpn		
DisplayPort 	DisplayPort	Eng	(See Notice 2)	
		Jpn		

Part description	Signal	Eng /Jpn	Recommended indications	Other indication examples
Stereo mini jack 	Audio input signal	Eng	AUDIO AUDIO IN	
		Jpn	音声 音声入力	
RCA 	Audio input signal	Eng	AUDIO AUDIO L R AUDIO IN	L-AUDIO IN-R
		Jpn	音声 音声 左 右 音声入力	L-音声入力-R
Stereo mini jack 	Audio output signal	Eng	AUDIO OUT	
		Jpn	音声出力	
RCA 	Audio output signal	Eng	AUDIO OUT AUDIO OUT L R	L-AUDIO OUT-R
		Jpn	音声出力 音声出力 左 右	L-音声出力-R
RJ-45 	Network	Eng	LAN	
		Jpn	LAN	
Mini jack 	Remote control	Eng	REMOTE	
		Jpn	リモート リモコン	
Mini jack 	Audio input signal (Microphone input)	Eng	MIC MICROPHONE	
		Jpn	マイク	

Notice 1: It shall conform to guidelines of HDMI Licensing Administrator, Inc.

Notice 2: It shall conform to guidelines of Video Electronics Standards Association (VESA®).

4.5 Indicators on main unit

Following indications of indicators shall be used for status, cautions, warnings, and errors on the main unit.

Part description	Eng /Jpn	Recommended indications	Other indication examples
Power	Eng	POWER ON/STANDBY	
	Jpn	電源	
Light source	Eng	LAMP LIGHT LASER	Indication using the device name of the light source
	Jpn	ランプ 光源 レーザー	光源のデバイス名を用いた表記
Temperature	Eng	TEMP TEMPERATURE	
	Jpn	温度	
Filter	Eng	FILTER	
	Jpn	フィルター	
Warning of the main unit	Eng	WARNING	
	Jpn	警告	
Status of the main unit	Eng	STATUS	
	Jpn	状態	

4.6 Functions displayed in the on-screen menu

Function	Eng /Jpn	Recommended indications	Other indication examples
Adjustment of image quality	Eng	PICTURE MODE COLOR MODE ⁷⁾	
	Jpn	映像モード 画質モード	
Adjustment of contrast of image	Eng	CONTRAST	
	Jpn	コントラスト	
Adjustment of brightness of image	Eng	BRIGHTNESS	
	Jpn	明るさ	
Adjustment of color saturation of image	Eng	SATURATION COLOR	
	Jpn	色の濃さ	
Adjustment of tint and hue of image	Eng	TINT ⁸⁾ HUE ⁹⁾	
	Jpn	色あい 色相	
Adjustment of sharpness of image	Eng	SHARPNESS	
	Jpn	シャープネス	
Adjustment of gamma characteristic of image	Eng	GAMMA	
	Jpn	ガンマ	
Adjustment of color temperature of image	Eng	COLOR TEMPERATURE	
	Jpn	色温度	
Adjustment of display area of outer part of image	Eng	OVERSCAN	
	Jpn	オーバースキャン	

Function	Eng /Jpn	Recommended indications	Other indication examples
Adjustment of noise reduction effect of image	Eng	NOISE REDUCTION	NR
	Jpn	ノイズリダクション	
Setting of display position of menu	Eng	MENU POSITION	
	Jpn	メニュー位置	
Display of test pattern to adjust image	Eng	TEST PATTERN	
	Jpn	テストパターン	
Setting of the iris system	Eng	IRIS	
	Jpn	アイリス	
Setting of language of menu, etc.	Eng	LANGUAGE	
	Jpn	言語	
Setting behavior at standby state	Eng	STANDBY	
	Jpn	待機	
Initializing of setting of function in menu	Eng	RESET FACTORY DEFAULT	RESET ALL
	Jpn	初期化	全初期化
Setting of when used at high altitude	Eng	HIGH ALTITUDE	
	Jpn	高地	
Setting of display information of filter	Eng	FILTER MESSAGE	
	Jpn	フィルター通知	
Setting of lock/unlock of the control lock to operate the main unit	Eng	CONTROL LOCK KEY LOCK	
	Jpn	ボタンロック キーロック	パネルロック

Function	Eng /Jpn	Recommended indications	Other indication examples
Set to save and call lens position information	Eng	LENS MEMORY	
	Jpn	レンズメモリー	
Calibration of lens reference position, detection of lens shift range	Eng	LENS CALIBRATION	
	Jpn	レンズキャリブレーション	
Correct the joints of the projection	Eng	EDGE BLENDING	
	Jpn	エッジブレンディング	
Adjust the brightness and color uniformity of the entire screen consisting of the projection screens of multiple projectors	Eng	COLOR MATCHING	
	Jpn	カラーマッチング	
Adjust the brightness and color uniformity on the projection screen of one projector	Eng	UNIFORMITY	
	Jpn	ユニフォーミティー	

Note ⁷⁾ When using "COLOR MODE" in the menu for adjusting the image quality of the projection, the indication "MODE" shall not be omitted to avoid confusion with the "color depth" of the projection.

Note ⁸⁾ TINT means 色あい.

Note ⁹⁾ HUE means 色相.

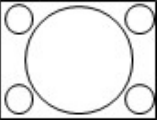
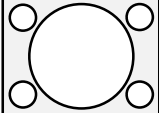
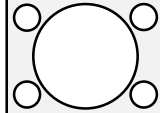
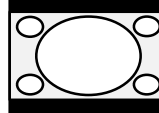
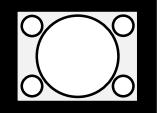
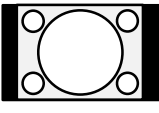
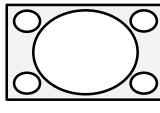
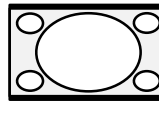
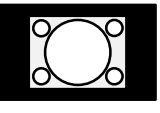
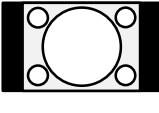
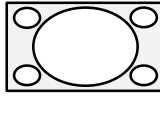
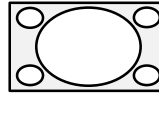
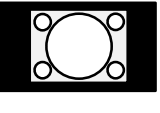
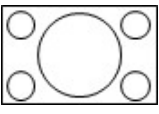
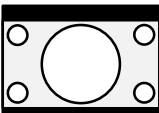
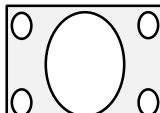
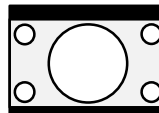

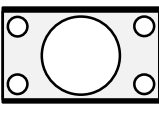
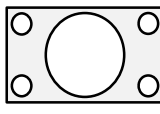
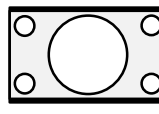
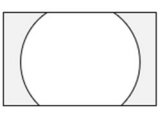
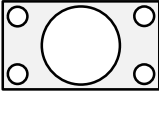
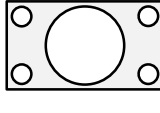
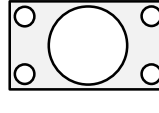
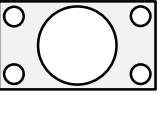
4.7 Functions related to power operation

Function	Eng /Jpn	Recommended indications	Other indication examples
Function to turn the power on at the time of power cord connection	Eng	DIRECT ON	DIRECT POWER ON
	Jpn	ダイレクトオン	ダイレクトパワーオン
Function to allow disconnection of the power cord without power-off operation	Eng	DIRECT OFF DIRECT SHUT DOWN	DIRECT POWER OFF
	Jpn	ダイレクトオフ ダイレクトシャットダウン	ダイレクトパワーオフ
Function to allow disconnection of the power cord during the cool-down period	Eng	QUICK OFF QUICK SHUT DOWN	QUICK POWER OFF
	Jpn	クイックオフ クイックシャットダウン	クイックパワーオフ

4.8 Functions related to aspect ratio of the projected image

Function	Eng /Jpn		Recommended indications	Other indications
Setting to display the image on the full vertical or horizontal side of the projection screen while maintaining the aspect ratio of the input image	Eng		NORMAL AUTO	
	Jpn		ノーマル オート	標準 自動
Setting to display input image to the whole projected area	Eng		FULL	
	Jpn		フル	
Setting to convert the aspect ratio of the input image and display it on the full horizontal side of the projection screen	Eng		16:9	(Other aspect ratios indicated specifications)
	Jpn		16:10	
Setting to display input image maintaining its native resolution	Eng		NATIVE TRUE	
	Jpn		リアル	

4.8.1 Example of setting an aspect ratio of the image

INPUT SIGNAL	Display Element (Number of Effective Pixels)	NORMAL	FULL	16:9	NATIVE
 800 x 600 4:3	1024 x 768 4:3				
	1280 x 800 16:10				
	1920 x 1080 16:9				
 1920 x 1080 16:9	1024 x 768 4:3				
	1280 x 800 16:10				
	1920 x 1080 16:9				

Blank

Guideline for Data Projector Indications

Editor and Publisher

Projector Terminology Task Force, Data Projector Group

Publishing Office

Japan Business Machine and Information System Industries Association

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