

SHARP®

사용 설명서



모델

PG-C20XE

LCD프로젝터



香港電器安全規格
(國際電工委員會規格適合)

This equipment complies with the requirements of Directives 89/336/EEC and 73/23/EEC as amended by 93/68/EEC.

Dieses Gerät entspricht den Anforderungen der EG-Richtlinien 89/336/EWG und 73/23/EWG mit Änderung 93/68/EWG.

Ce matériel répond aux exigences contenues dans les directives 89/336/CEE et 73/23/CEE modifiées par la directive 93/68/CEE.

Dit apparaat voldoet aan de eisen van de richtlijnen 89/336/EEG en 73/23/EEG, gewijzigd door 93/68/EEG.

Dette udstyr overholder kravene i direktiv nr. 89/336/EEC og 73/23/EEC med tillæg nr. 93/68/EEC.

Quest' apparecchio è conforme ai requisiti delle direttive 89/336/EEC e 73/23/EEC, come emendata dalla direttiva 93/68/EEC.

Η εγκατάσταση αυτή ανταποκρίνεται στις απαιτήσεις των οδηγιών της Ευρωπαϊκής Ένωσης 89/336/ΕΟΚ και 73/23/ΕΟΚ, όπως οι κανονισμοί αυτοί συμπληρώθηκαν από την οδηγία 93/68/ΕΟΚ.

Este equipamento obedece às exigências das directivas 89/336/CEE e 73/23/CEE, na sua versão corrigida pela directiva 93/68/CEE.

Este aparato satisface las exigencias de las Directivas 89/336/CEE y 73/23/CEE, modificadas por medio de la 93/68/CEE.

Denna utrustning uppfyller kraven enligt riktlinjerna 89/336/EEC och 73/23/EEC så som kompletteras av 93/68/EEC.

Dette produktet oppfyller betingelsene i direktivene 89/336/EEC og 73/23/EEC i endringen 93/68/EEC.

Tämä laite täyttää direktiivien 89/336/EEC ja 73/23/EEC vaatimukset, joita on muutettu direktiivillä 93/68/EEC.

SPECIAL NOTE FOR USERS IN THE U.K.

The mains lead of this product is fitted with a non-rewireable (moulded) plug incorporating a 13A fuse. Should the fuse need to be replaced, a BSI or ASTA approved BS 1362 fuse marked  or  and of the same rating as above, which is also indicated on the pin face of the plug, must be used.

Always refit the fuse cover after replacing the fuse. Never use the plug without the fuse cover fitted.

In the unlikely event of the socket outlet in your home not being compatible with the plug supplied, cut off the mains plug and fit an appropriate type.

DANGER:

The fuse from the cut-off plug should be removed and the cut-off plug destroyed immediately and disposed of in a safe manner.

Under no circumstances should the cut-off plug be inserted elsewhere into a 13A socket outlet, as a serious electric shock may occur.

To fit an appropriate plug to the mains lead, follow the instructions below:

IMPORTANT:

The wires in the mains lead are coloured in accordance with the following code:

Blue: Neutral

Brown: Live

As the colours of the wires in the mains lead of this product may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

- The wire which is coloured blue must be connected to the plug terminal which is marked N or coloured black.
- The wire which is coloured brown must be connected to the plug terminal which is marked L or coloured red.

Ensure that neither the brown nor the blue wire is connected to the earth terminal in your three-pin plug.

Before replacing the plug cover make sure that:

- If the new fitted plug contains a fuse, its value is the same as that removed from the cut-off plug.
- The cord grip is clamped over the sheath of the mains lead, and not simply over the lead wires.

IF YOU HAVE ANY DOUBT, CONSULT A QUALIFIED ELECTRICIAN.

The supplied CD-ROM contains operation instructions in English, German, French, Swedish, Spanish, Italian, Dutch, Chinese, Korean and Arabic. Carefully read through the operation instructions before operating the LCD projector.

Die mitgelieferte CD-ROM enthält Bedienungsanleitungen in Englisch, Deutsch, Französisch, Schwedisch, Spanisch, Italienisch, Niederländisch, Chinesisch, Koreanisch und Arabisch. Bitte lesen Sie die Bedienungsanleitung vor der Verwendung des LCD-Projektors sorgfältig durch.

Le CD-ROM fourni contient les instructions de fonctionnement en anglais, allemand, français, suédois, espagnol, italien, néerlandais, chinois, coréen et arabe. Veuillez lire attentivement ces instructions avant de faire fonctionner le projecteur LCD.

Den medföljande CD-ROM-skivan innehåller bruksanvisningar på engelska, tyska, franska, svenska, spanska, italienska, holländska, kinesiska, koreanska och arabiska. Läs noga igenom bruksanvisningen innan projektorn tas i bruk.

El CD-ROM suministrado contiene instrucciones de operación en inglés, alemán, francés, sueco, español, italiano, holandés, chino, coreano y árabe. Lea cuidadosamente las instrucciones de operación antes de utilizar el proyector LCD.

Il CD-ROM in dotazione contiene istruzioni per l'uso in inglese, tedesco, francese, svedese, spagnolo, italiano, olandese, cinese, coreano e arabo. Leggere attentamente le istruzioni per l'uso prima di usare il proiettore LCD.

De meegeleverde CD-ROM bevat handleidingen in het Engels, Duits, Frans, Zweeds, Spaans, Italiaans, Nederlands, Chinees, Koreaans en Arabisch. Lees de handleiding zorgvuldig door voor u de LCD projector in gebruik neemt.

附送之CD-ROM光碟中，有用英文、德文、法文、瑞典文、西班牙文、意大利文、荷蘭文、中文、韓國文和阿拉伯文所寫的使用說明書。在操作液晶投影機之前，請務必仔細閱讀整本使用說明書。

제공된 CD-ROM에는 영어, 독일어, 프랑스어, 스웨덴어, 스페인어, 이탈리아어, 덴마크어, 중국어, 한국어, 그리고 아랍어로 작성된 조작 설명서가 포함되어 있습니다. LCD 프로젝터를 조작하기 전에 조작 지침을 상세하게 숙지하십시오.

تناسطوانة CD-ROM المجهّزة تتضمن تعليمات التشغيل لكل من اللغات الانجليزية، الالمانية، الفرنسية، السويدية، الاسبانية، الايطالية، الهولندية، الصينية، الكورية والعربية. قم بعناية بقراءة تعليمات التشغيل قبل تشغيل جهاز العرض الاسقاطي بشاشة الكريستال السائل.



LCD

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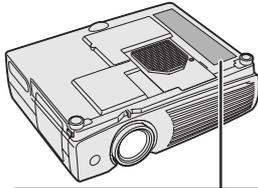
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ON/OFF 가 90 POWER



40, 41 “ ”

! LAMP REPLACEMENT CAUTION

BEFORE REMOVING THE SCREW, DISCONNECT POWER CORD. HOT SURFACE INSIDE. ALLOW 1 HOUR TO COOL BEFORE REPLACING THE LAMP. REPLACE WITH SAME SHARP LAMP UNIT TYPE BQC-PGC20X//1 ONLY. UV RADIATION: CAN CAUSE EYE DAMAGE. TURN OFF LAMP BEFORE SERVICING. MEDIUM PRESSURE LAMP - RISK OF EXPLOSION. POTENTIAL HAZARD OF GLASS PARTICLES IF LAMP HAS RUPTURED. HANDLE WITH CARE. SEE OPERATION MANUAL.

! PRECAUTIONS A OBSERVER LORS DU REMPLACEMENT DE LA LAMPE.

DEBRANCHER LE CORDON D'ALIMENTATION AVANT DE RETIRER LES VIS. L'INTERIEUR DU BOITIER ETANT EXTREMEMENT CHAUD, ATTENDRE 1 HEURE AVANT DE PROCEDER AU REMPLACEMENT DE LA LAMPE. NE REMPLACER QUE PAR UNE LAMPE SHARP DE TYPE BQC- PGC20X//1. RAYONS ULTRAVIOLETS: PEUVENT ENDOMMAGER LES YEUX. ETEINDRE LA LAMPE AVANT DE PROCEDER A L'ENTRETIEN. LAMPE A MOYENNE PRESSION: RISQUE D'EXPLOSION. DANGER POTENTIEL DE PARTICULES DE VERRE EN CAS D'ECLATEMENT DE LA LAMPE. A MANIPULER AVEC PRECAUTION, SE REPORTER AU MODE D'EMPLOI.

USER SERVICE SCREW VIS POUR ENTRETIEN PAR L'UTILISATEUR ↓

PGC20X//1

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9. LCD

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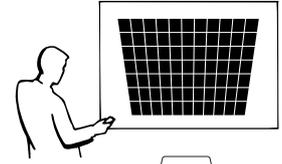
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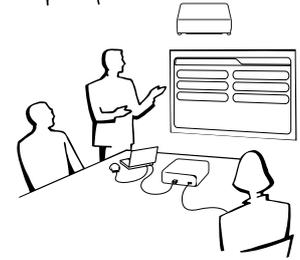
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4:3



4.

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“ ON ” “ OFF ” . (35)

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XGA (1,024 × 768)

XGA

10. SXGA

SXGA(1,280 × 1,024)

1,024 × 768





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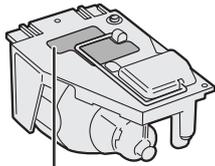


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⚠ 高温注意
CAUTION
ATTENTION



LCD
40, 41

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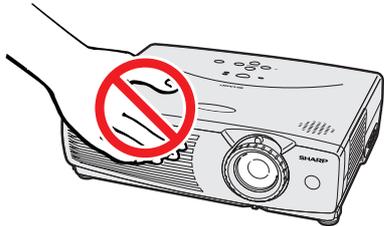
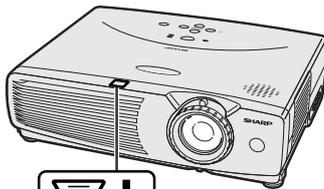
+35°C

+5°C



LCD

• : +5°C +35°C
: -20°C +60°C



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온도 모니터

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PDF 가 CD-ROM
PC Adobe Acrobat Reader 가 Adobe Acrobat Reader
CD-ROM (http://www.adobe.com)

CD-ROM Acrobat Reader

Windows :

- ① CD-ROM CD-ROM
- ② “ ”
- ③ “ CD-ROM ”
- ④ “ manuals ”
- ⑤ “ acrobat ”
- ⑥ “ windows ”
- ⑦

Macintosh :

- ① CD-ROM CD-ROM
- ② “ CD-ROM ”
- ③ “ manuals ”
- ④ “ acrobat ”
- ⑤ “ mac ”
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OS :

(http://www.adobe.com) Acrobat Reader

CD-ROM Acrobat Reader

PDF

Windows :

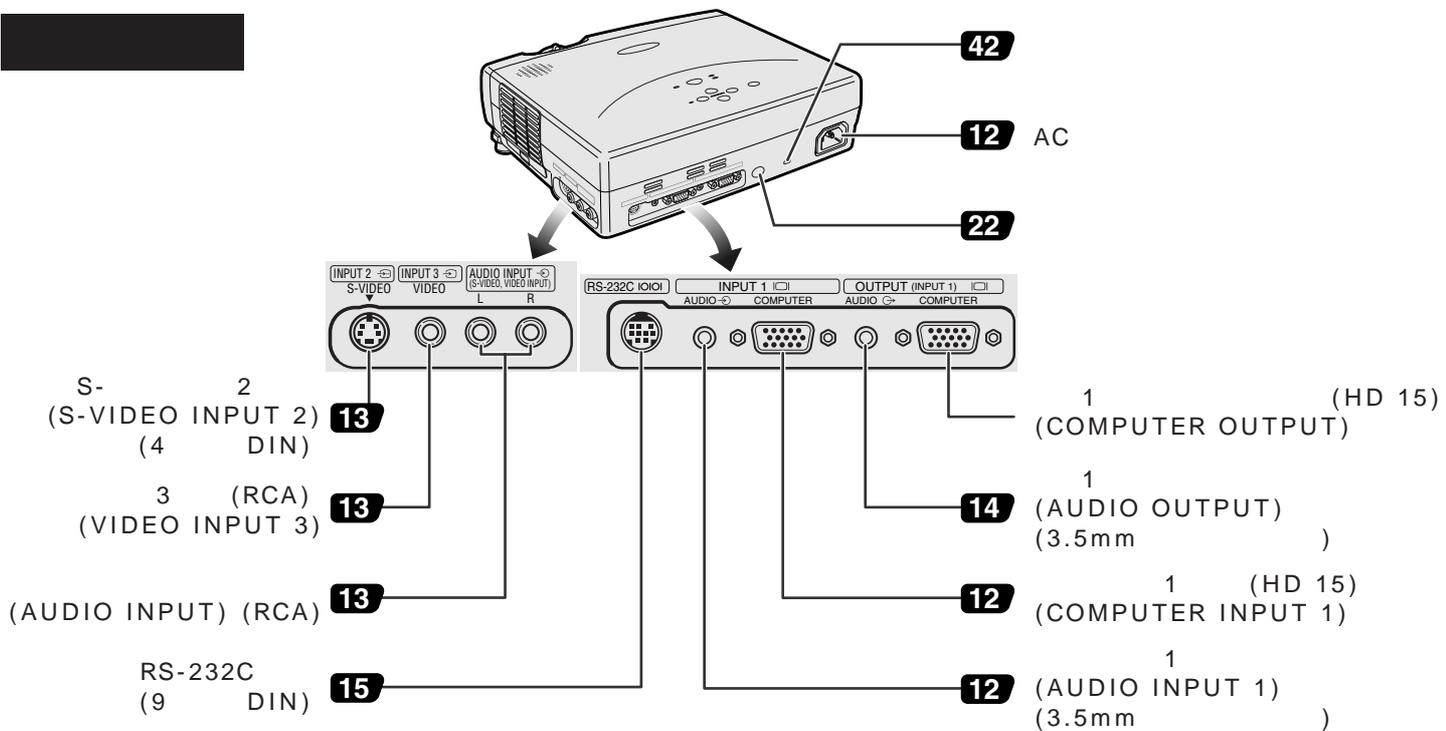
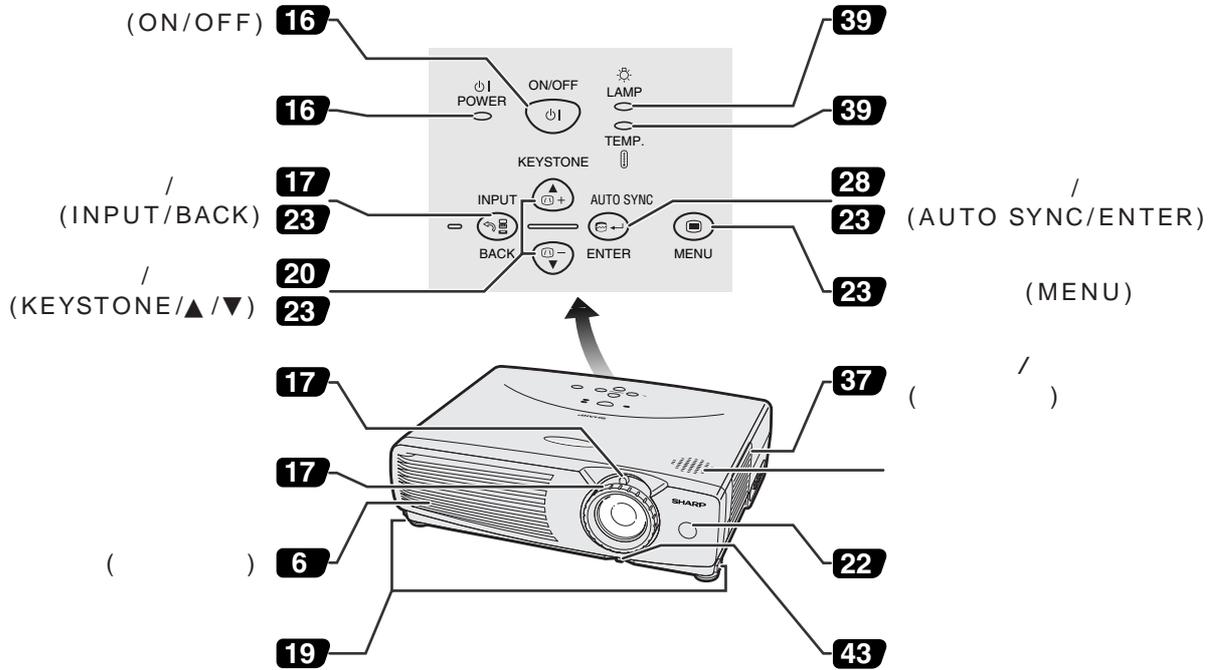
- ① CD-ROM CD-ROM
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- ⑤ “ pg-c20xe ”
- ⑥ () pdf
- ⑦ “ c20 ” pdf
- ⑧ pdf

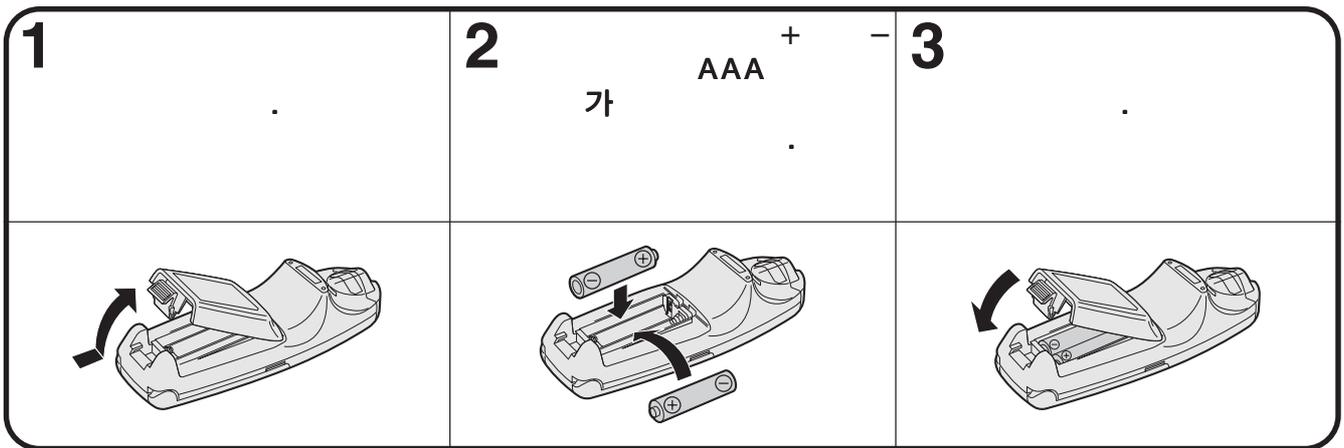
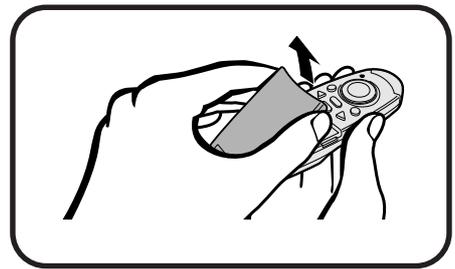
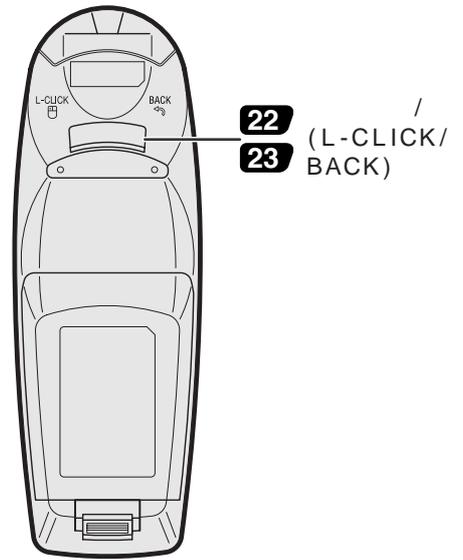
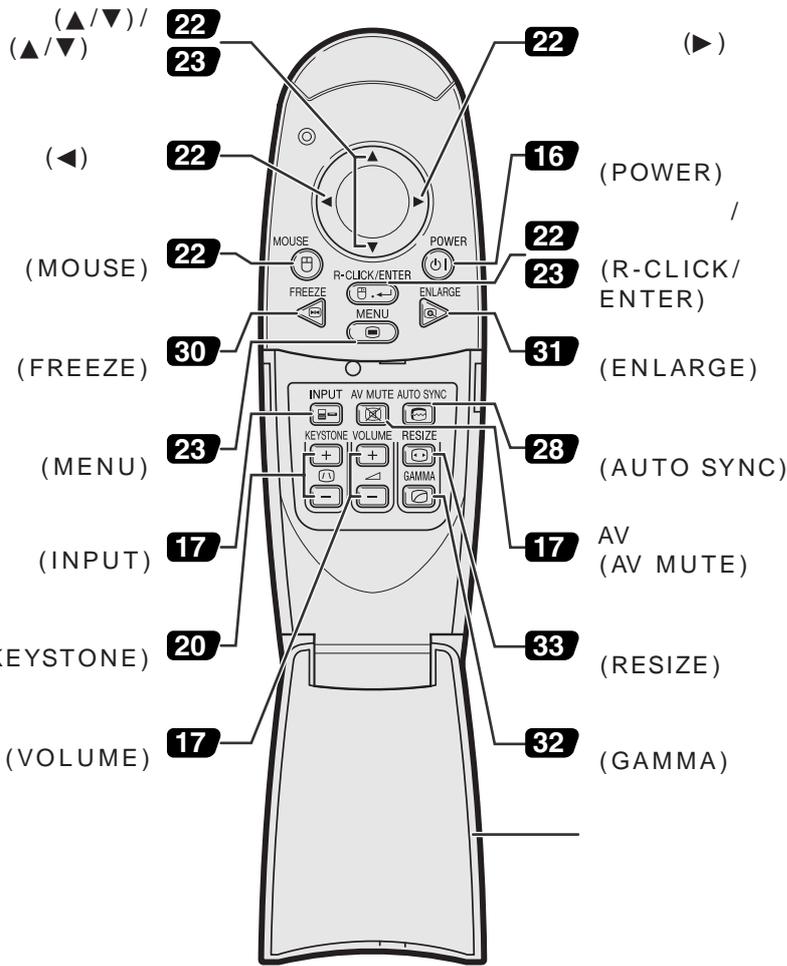
Macintosh :

- ① CD-ROM CD-ROM
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- ④ “ pg-c20xe ”
- ⑤ ()
- ⑥ “ c20 ” pdf
- ⑦ pdf

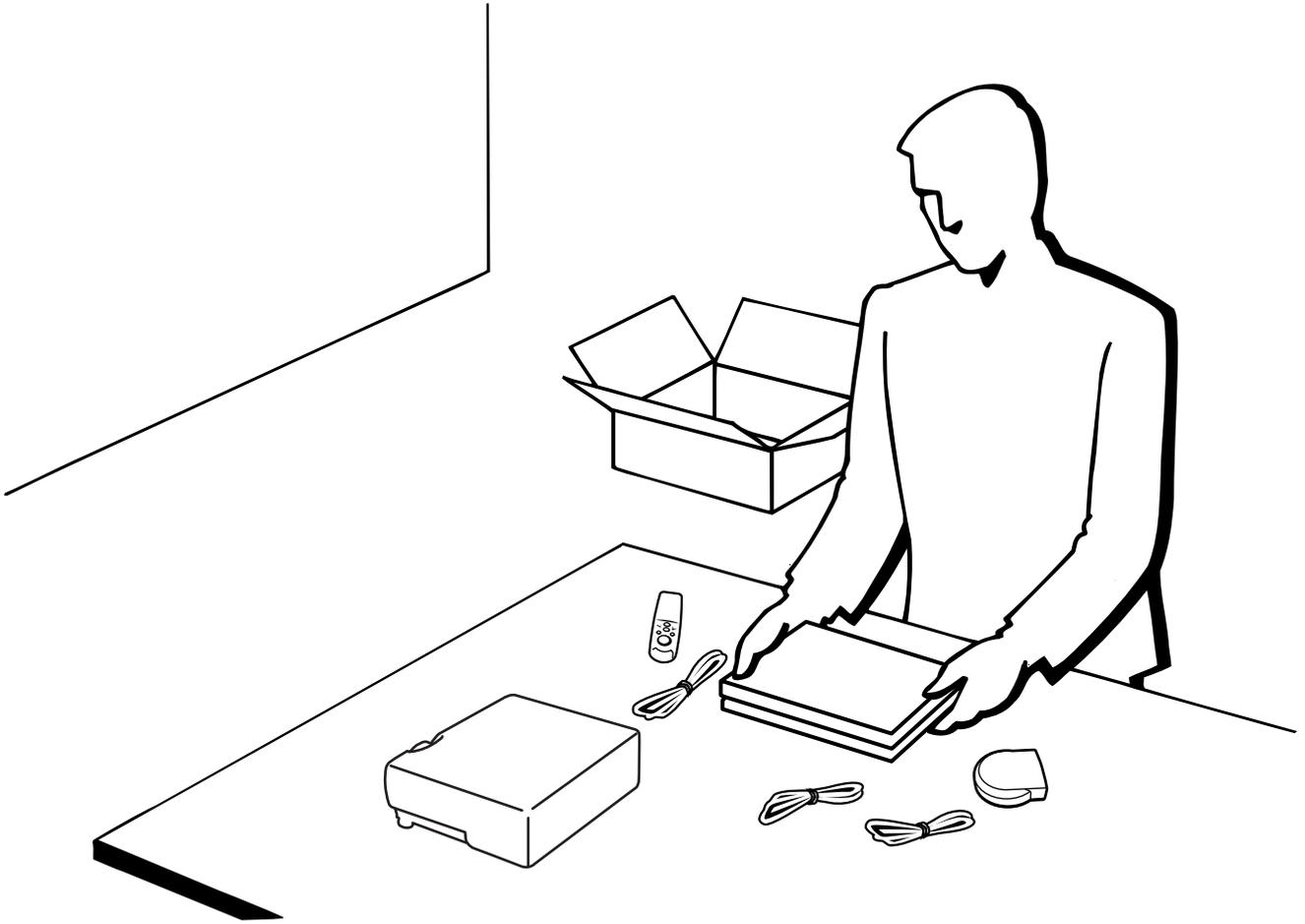


- pdf Acrobat Reader “ File ” , “ Open ”
- CD-ROM CD-ROM “ readme.txt ”





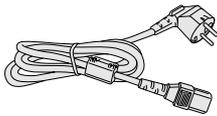
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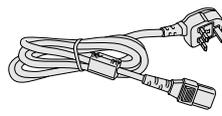


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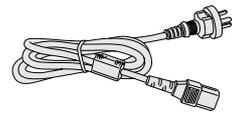
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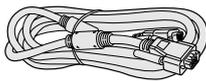
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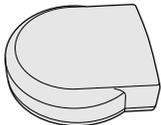
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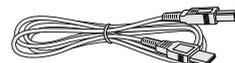
RGB



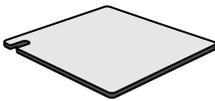
DIN-D-sub RS-232C



PS/2



USB



CD-ROM

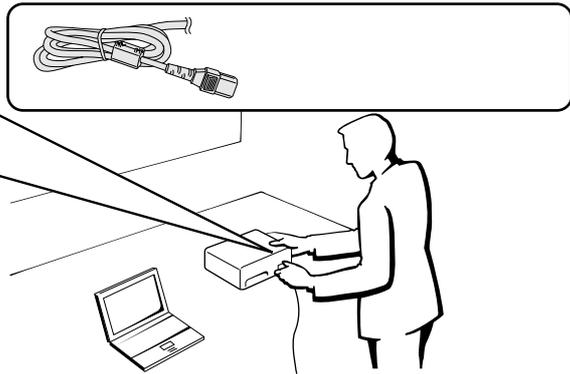
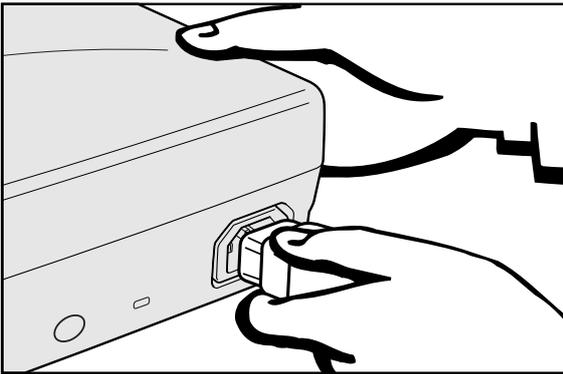
LCD

가

LCD



AC



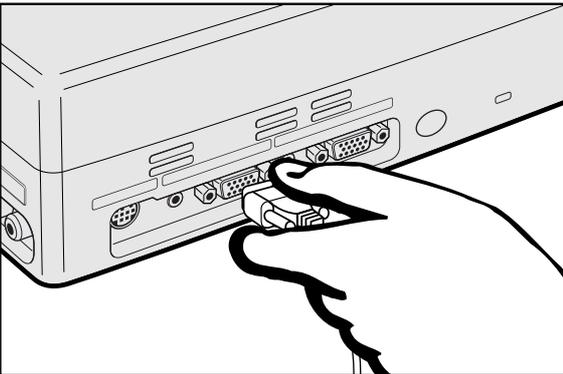
⚠ 주의

• 가 AC

➡ 주

• 가 . 가

15



① RGB
COMPUTER INPUT 1

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③

④ 1

AUDIO INPUT

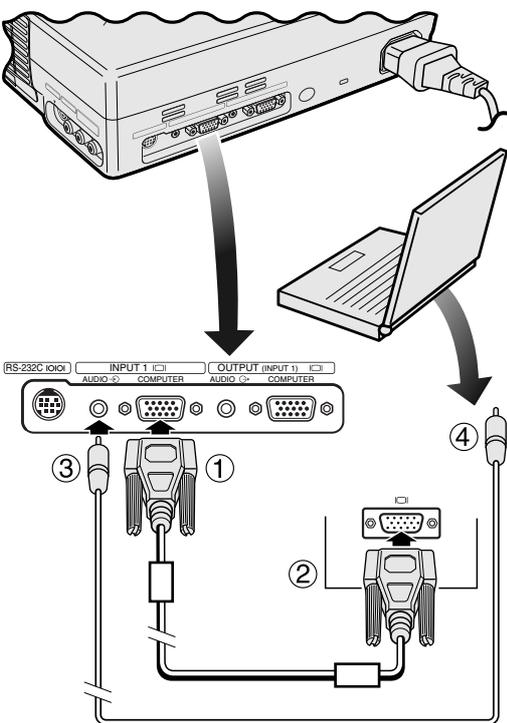
⚠ 주의

• OFF
ON

➡ 주

• 47 “ 가 ”

• Macintosh 가 Macintosh LCD 가





가

IBM-PC (VGA/SVGA/XGA/SXGA)

Macintosh ()

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- “ & ” VESA DDC 1/ DDC 2B 가 VESA DDC
- “ & ” , ON

주

- DDC , & 가 VESA DDC

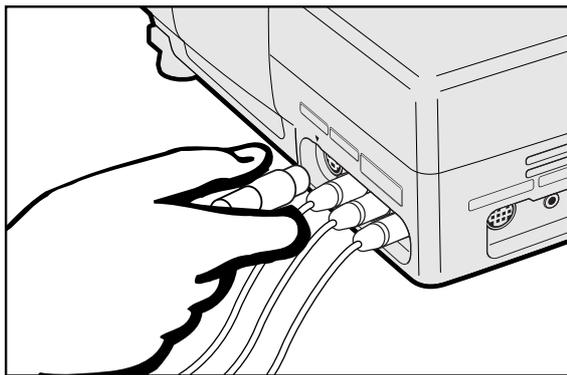
VCR , , DVD , DTV*

주의

(VCR,

, DTV,

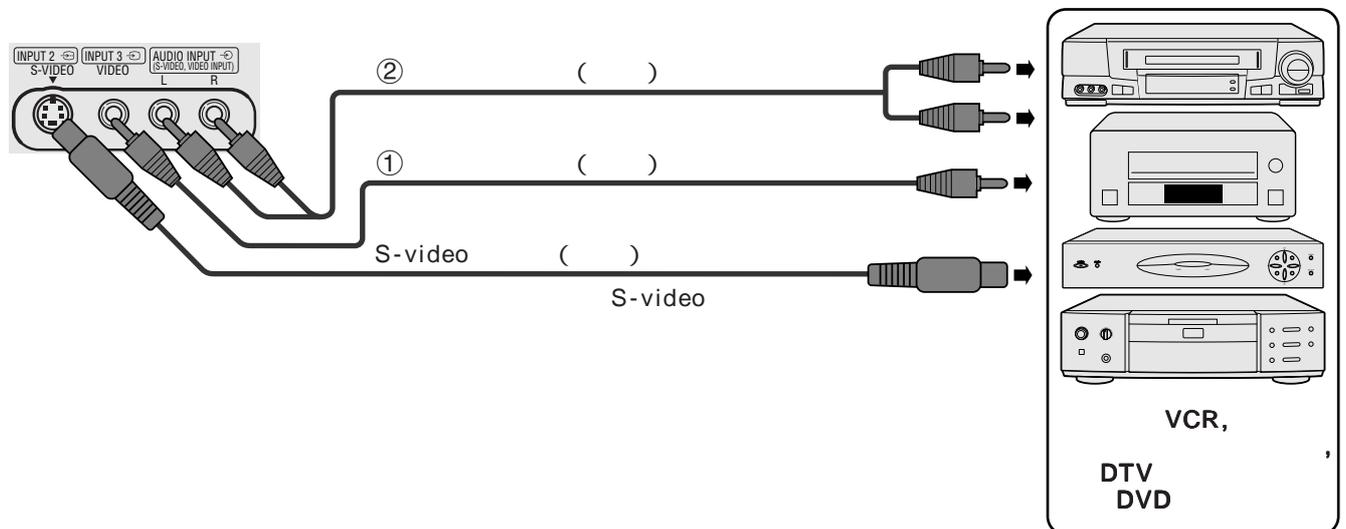
DVD



- ① S-VIDEO INPUT 3 S-VIDEO INPUT 2 VIDEO
- ② RCA AUDIO INPUT S-VIDEO INPUT 2

주

- S-video S-VIDEO INPUT 2
- S-video 가



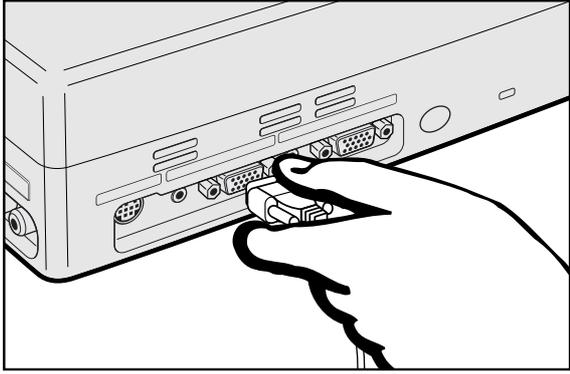
*DTV



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DVD)



① HD-15/RCA

HD-15-RGB
COMPUTER INPUT 1

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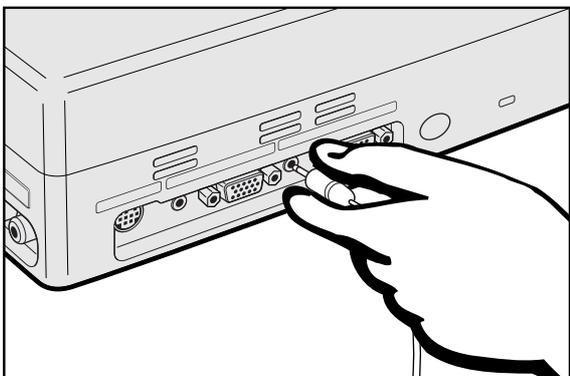
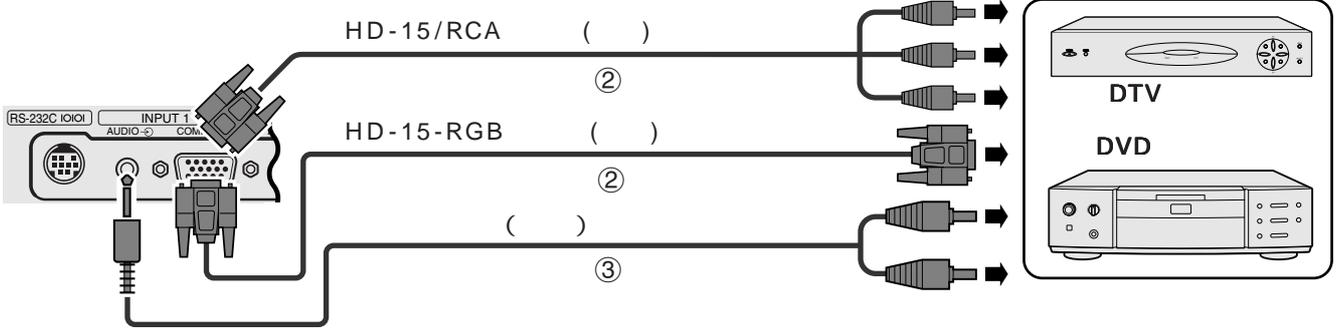
③

AUDIO INPUT 1



- COMPUTER INPUT 1 480P DTV DTV RGB

- DTV



①

AUDIO OUTPUT

INPUT 1

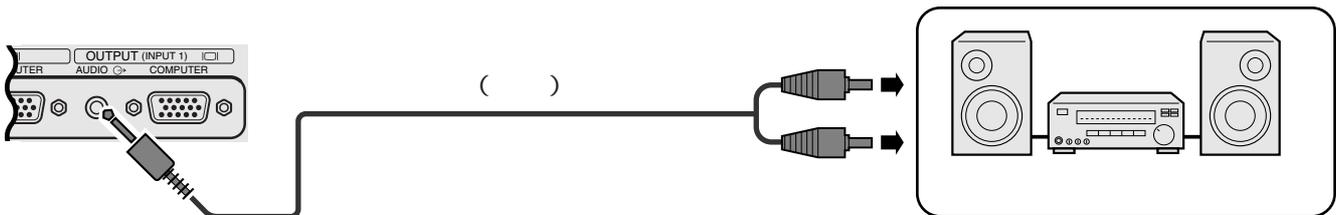
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- OFF



- INPUT 1 AUDIO OUTPUT AUDIO INPUT 1





RS-232C

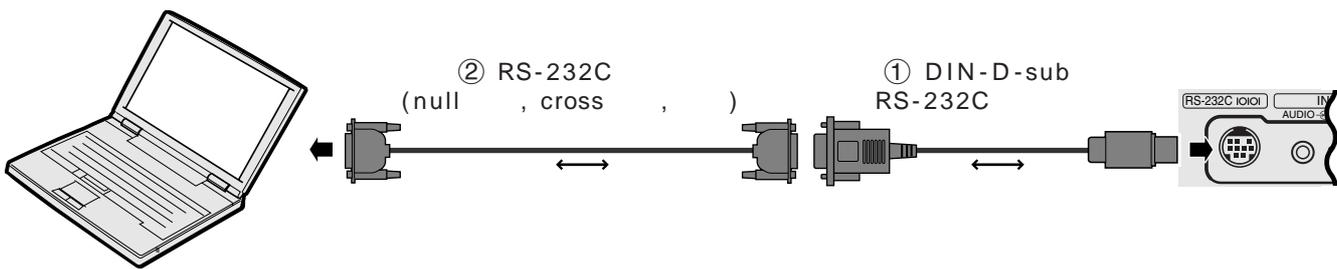
RS-232C 가 RS-232C

(null , cross ,),
45, 46



DIN-D-sub RS-232C

- ① DIN-D-sub RS-232C RS-232C
- ② RS-232C (null , cross ,) DIN-D-sub RS-232C

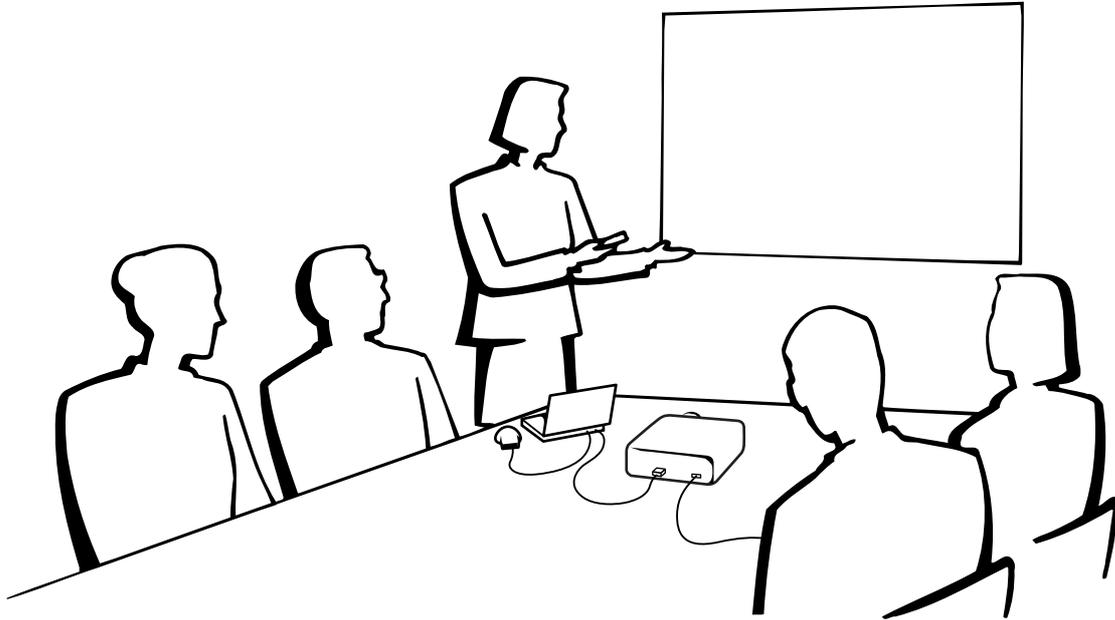


주의

- , RS-232C

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- 가 RS-232C
- Macintosh Macintosh 가 LCD

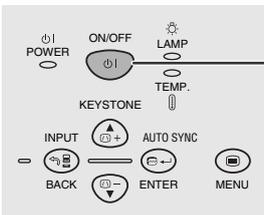


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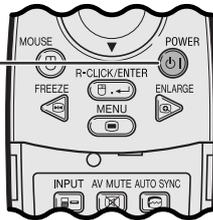


가

②



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가

ON/OFF

POWER

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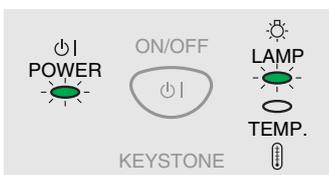
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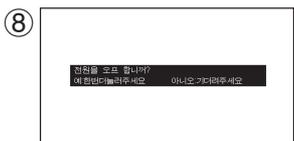
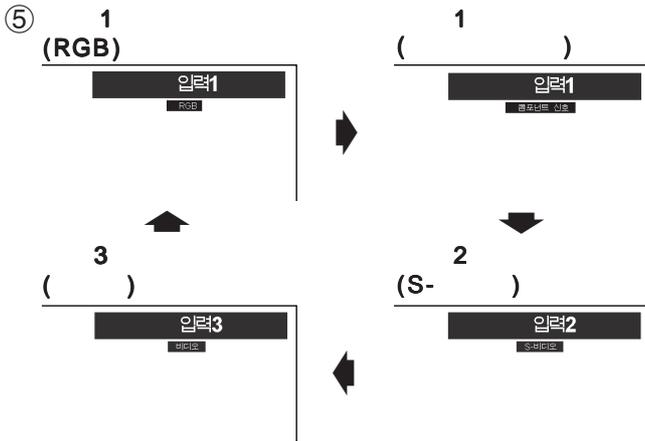
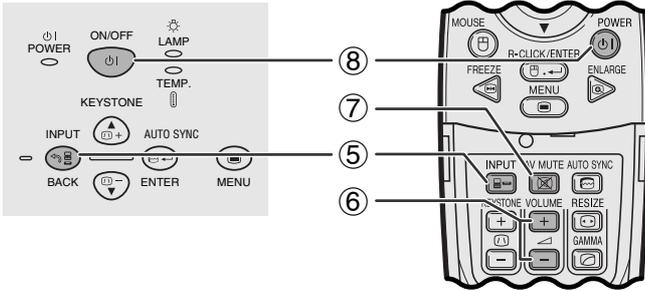
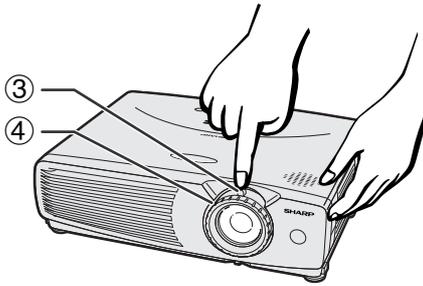
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POWER

ON/OFF





- ③
- ④ 가
- ⑤ INPUT
- INPUT
- 가 , “ ”
- 가 “ ”
- 가”가
- ⑥ VOLUME
- ⑦ MUTE , AV MUTE
- ON/OFF POWER
- 가 ON / OFF
- OFF POWER , ON/
- ON/OFF POWER 90
- 가
- 가
- POWER ON/OFF 90



(4:3)

(diag.) (t)	(L)		(H)
635 cm (250")	10.0 m	9.9 m	38.1 cm
508 cm (200")	9.6 m	7.9 m	30.5 cm
381 cm (150")	7.2 m	5.9 m	22.9 cm
254 cm (100")	4.8 m	3.9 m	15.2 cm
213 cm (84")	4.0 m	3.3 m	12.8 cm
183 cm (72")	3.4 m	2.8 m	11.0 cm
152 cm (60")	2.8 m	2.3 m	9.1 cm
102 cm (40")	1.9 m	1.6 m	6.1 cm

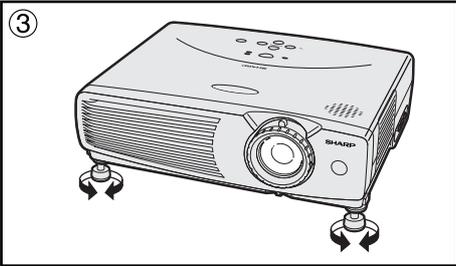
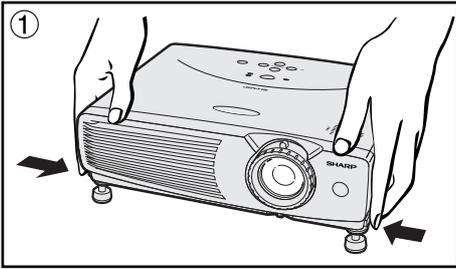
(16:9)

(diag.) (t)	(L)		(H)
572 cm (225")	10.0 m	9.8 m	-9.3 cm
508 cm (200")	10.0 m	8.7 m	-8.3 cm
381 cm (150")	7.8 m	6.5 m	-6.2 cm
338 cm (133")	6.9 m	5.7 m	-5.5 cm
269 cm (106")	5.5 m	4.6 m	-4.4 cm
254 cm (100")	5.2 m	4.3 m	-4.2 cm
234 cm (92")	4.8 m	4.0 m	-3.8 cm
213 cm (84")	4.4 m	3.6 m	-3.5 cm
183 cm (72")	3.7 m	3.1 m	-3.0 cm
152 cm (60")	3.1 m	2.6 m	-2.5 cm
102 cm (40")	2.0 m	1.7 m	-1.7 cm

(4:3)

(diag.) (t)	(L)		(H)
457 cm (180")	10.0 m	9.5 m	-9.1 cm
381 cm (150")	9.6 m	7.9 m	-7.6 cm
254 cm (100")	6.3 m	5.3 m	-5.1 cm
213 cm (84")	5.3 m	4.4 m	-4.3 cm
183 cm (72")	4.6 m	3.8 m	-3.7 cm
152 cm (60")	3.8 m	3.1 m	-3.0 cm
102 cm (40")	2.5 m	2.1 m	-2.0 cm





①

②

③

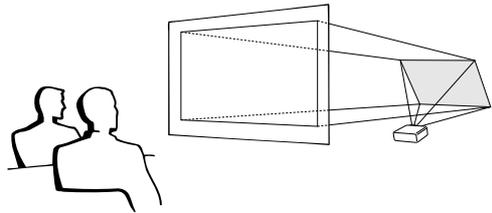
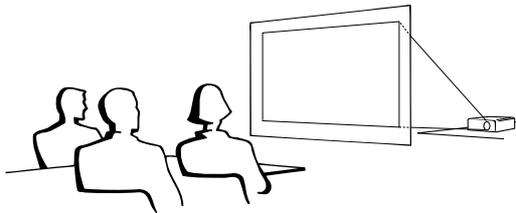
주

주의

- 가
- ,
- 가

가

- 가
- 36
- ()
- 가



주

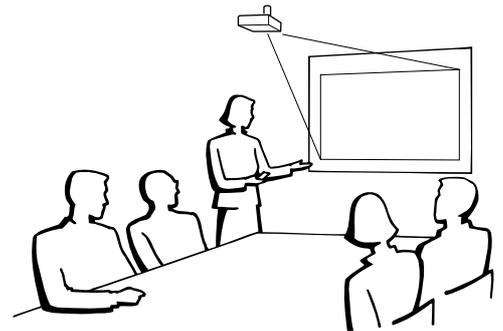
- 가

주의

- 가
- 가
- ()
- 가
- ()
- 가
- ()

가
가
(AN-Z7T
AN-TK201/202)

LCD
, AN-Z7T

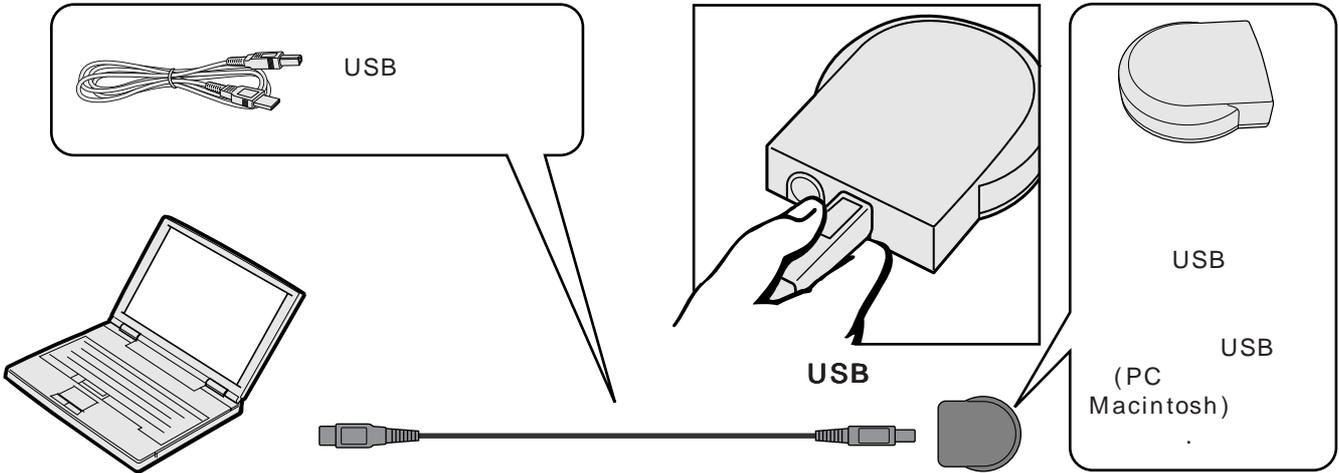


36



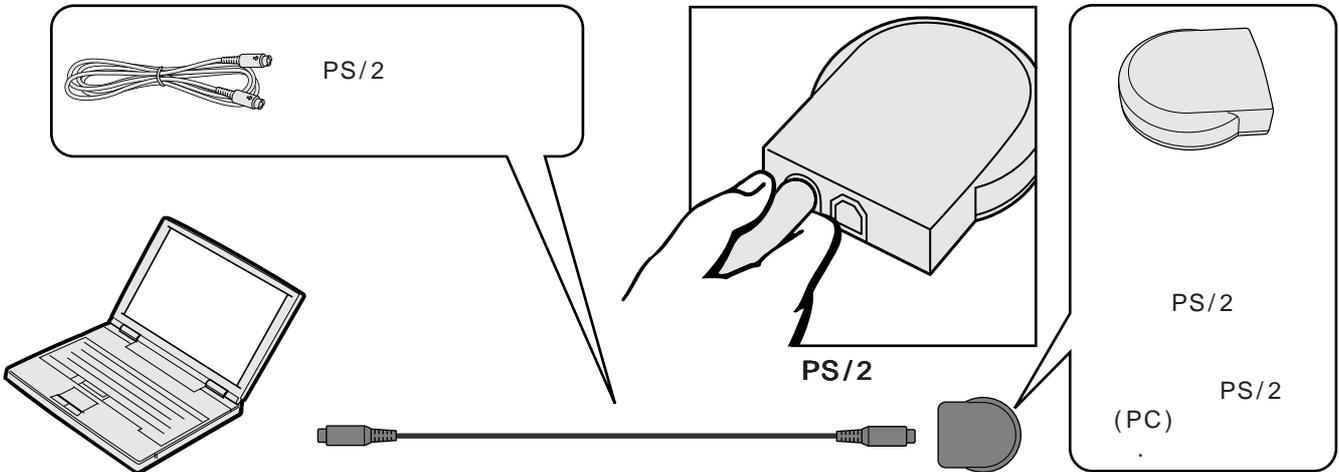
PC Macintosh USB

- ① USB
- ② USB



PC PS/2

- ① PC
- ② PS/2
- ③ PS/2
- ④ PC



주의

- PS/2 USB
- 95 USB
- USB
- **Windows**
- OS: : USB 98/ 2000 PC/AT
- **Macintosh**
- OS: : USB Macintosh
- OS: Mac OS 8.5

주

- PS/2 USB

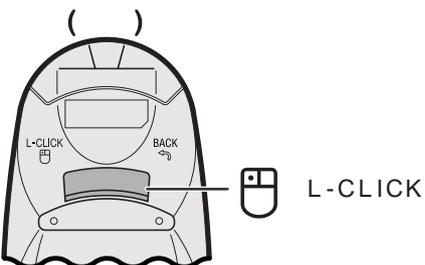
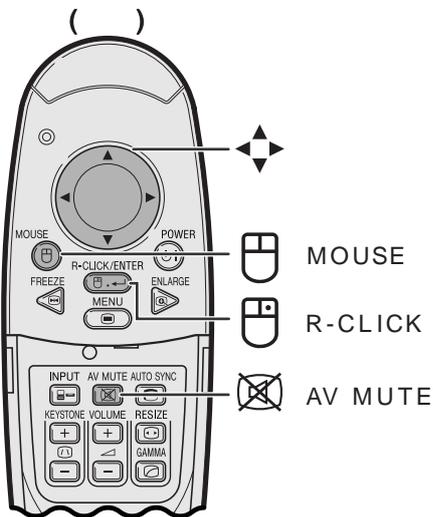
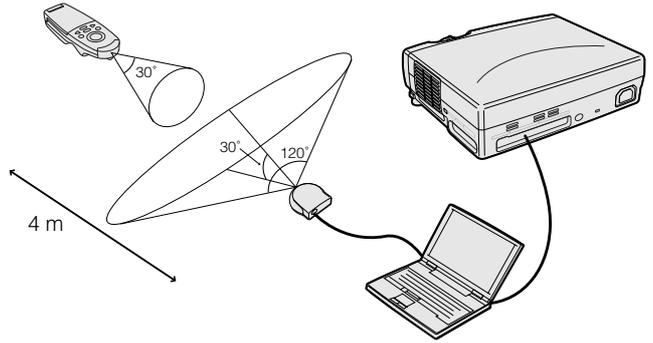
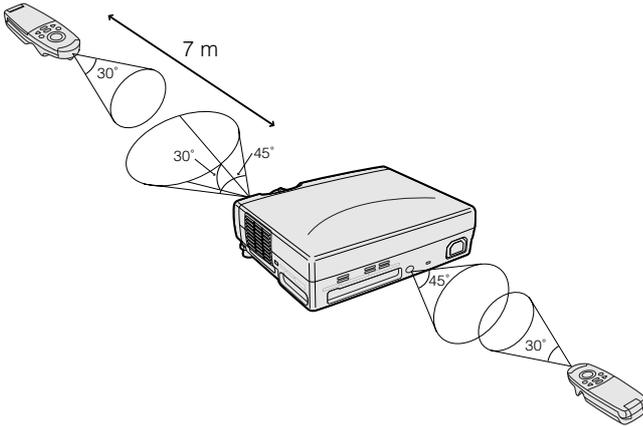


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•



•



• **MOUSE**

•

10

• **MENU ENLARGE**

•

가



•

가

•

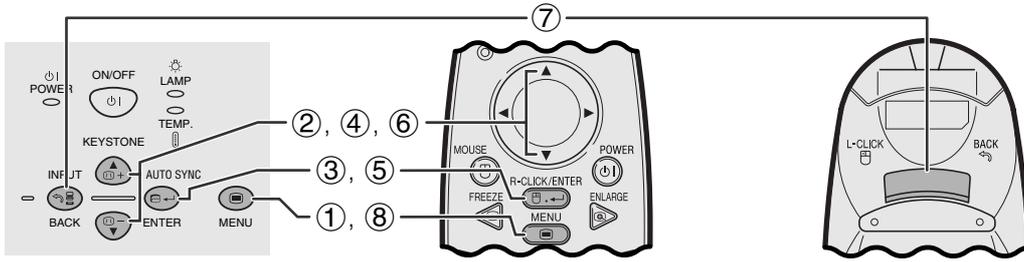
L-CLICK

R-CLICK



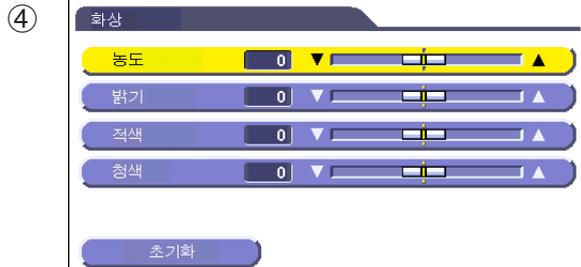
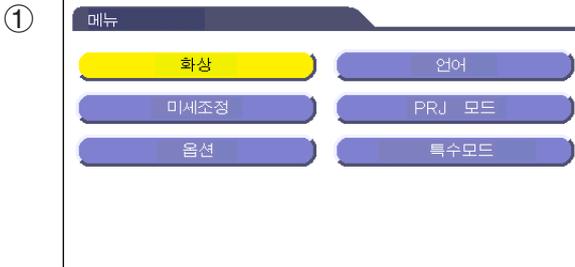
GUI (Graphical User Interface)

(1 (RGB), 1 ()) 2 (S-) 3 ()
가

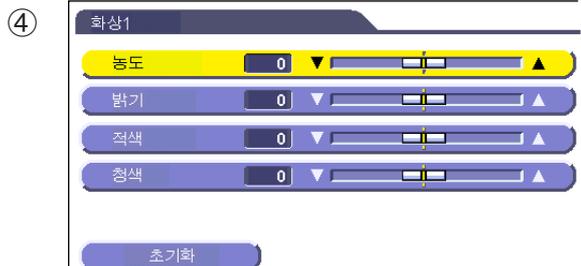
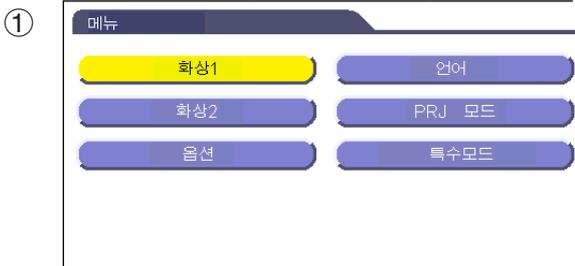


(GUI)

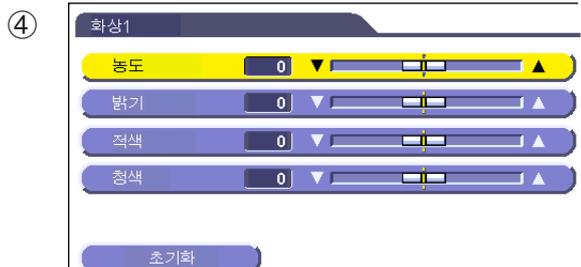
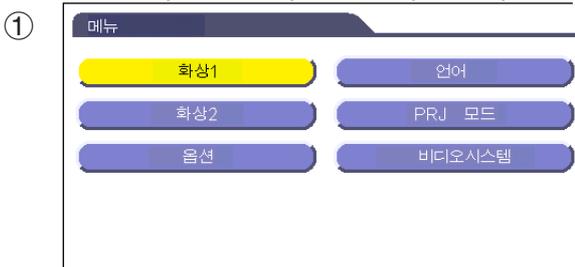
1 (RGB)



1 ()



2 (S-) 3 ()



- ①
- ②
- ③
- ④
- ⑤
- ⑥
- ⑦
- ⑧

MENU

ENTER



ENTER



가 MENU

BACK

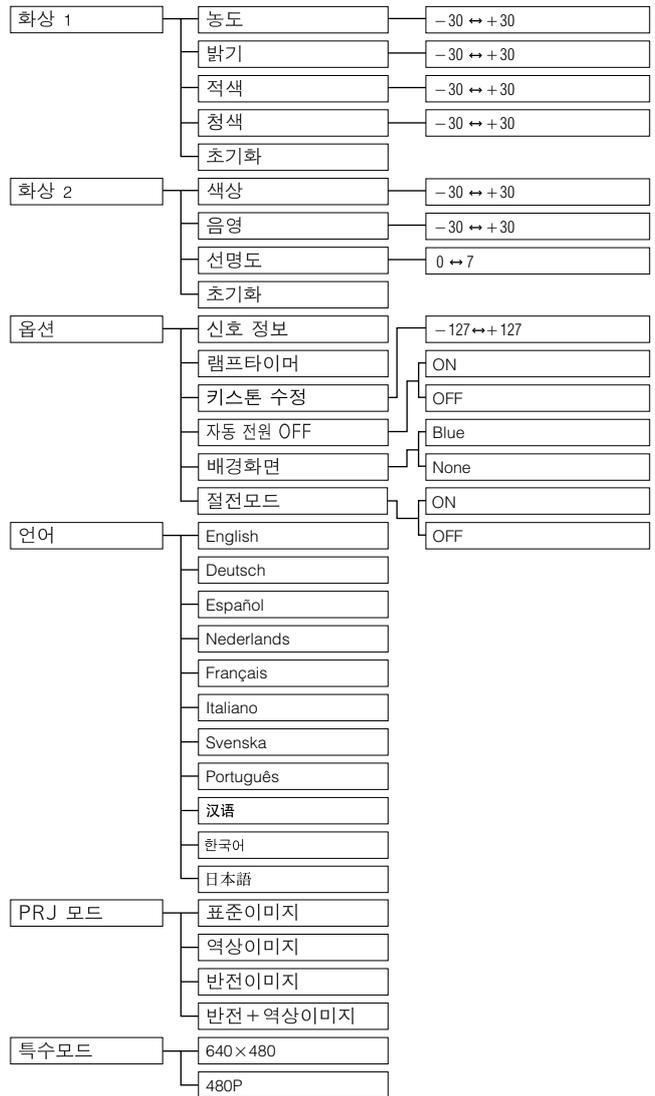
GUI





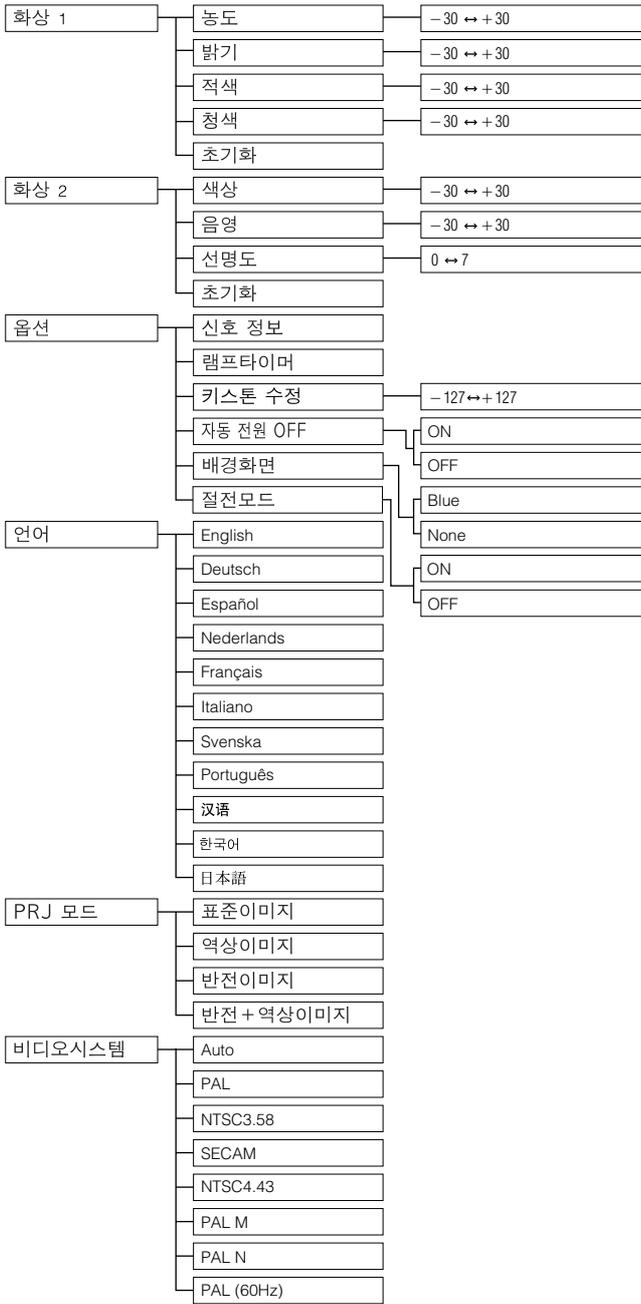
1 (RGB)

1 ()



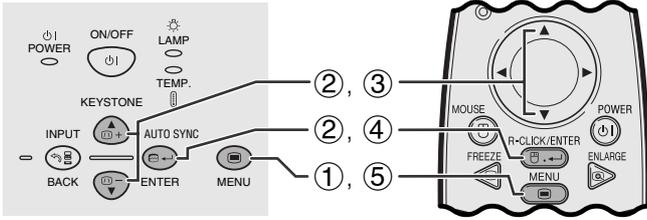


2 (S-) 3 ()



• “ ” 2 (S-) 3 ()
“ PAL (60Hz)”

“ PAL ”, “ SECAM ”, “ PAL M ”, “ PAL N ”



① MENU

② ▲ / ▼
ENTER

③ ▲ / ▼

④ ENTER

⑤ MENU

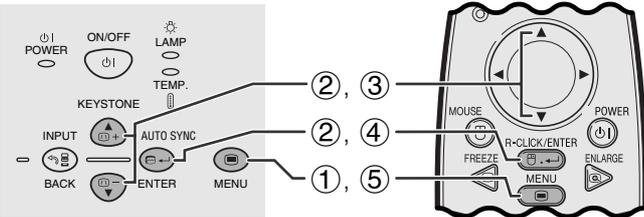
GUI

(GUI)



(2 3)

가



① MENU

② ▲ / ▼
ENTER

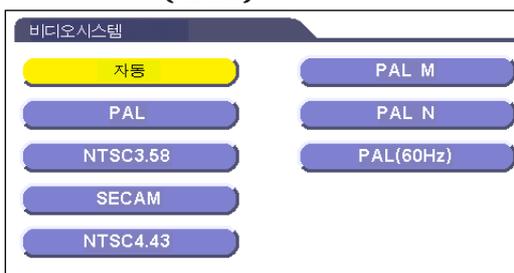
③ ▲ / ▼

④ ENTER

⑤ MENU

GUI

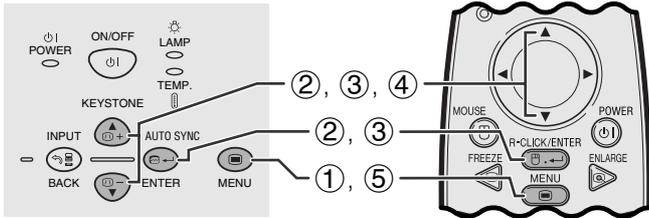
(GUI)



가
가

“ ”

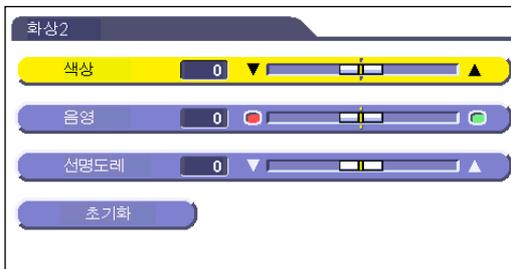




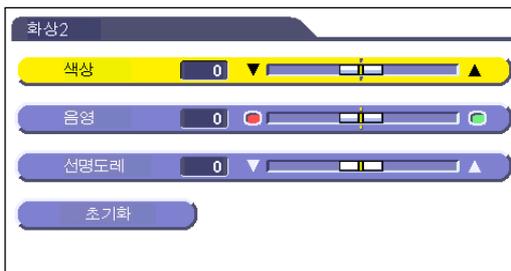
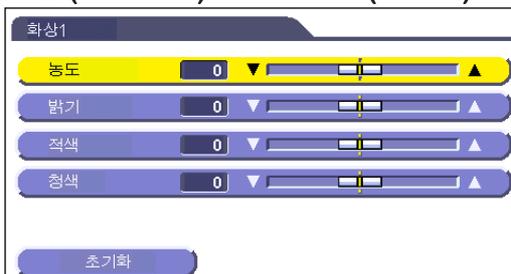
(GUI)
1 (RGB)



1 ()



2 (S-) 3 ()



	▼	▲

- 주
- “ ” “ ” “ ” 1 (RGB)
 - “ ” 2 (S-) 3 () “ PAL ”, “ SECAM ”, “ PAL M ”, “ PAL N ” “ PAL (60Hz)”

① MENU

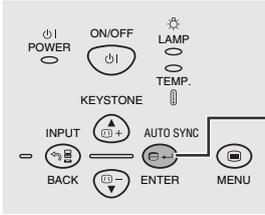
- ② ▲ / ▼ 1 (), 2 (S-) 3 () “ 1 ” “ 2 ” 1 (RGB) ENTER

③ ▲ / ▼ ENTER

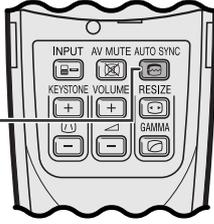
- ④ ▲ / ▼

⑤ MENU GUI

- 주
- ENTER 1 2 3



①



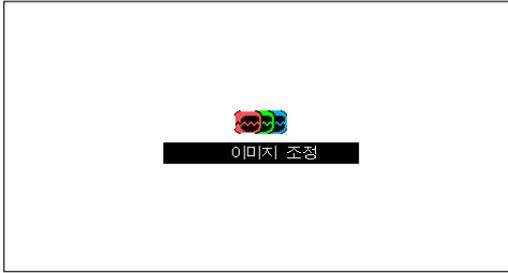
-
-

AUTO SYNC



Sync () 가

① AUTO SYNC



“ ”

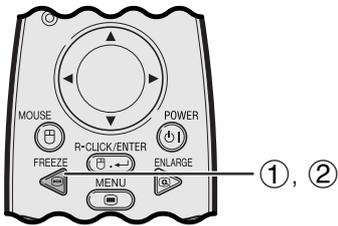
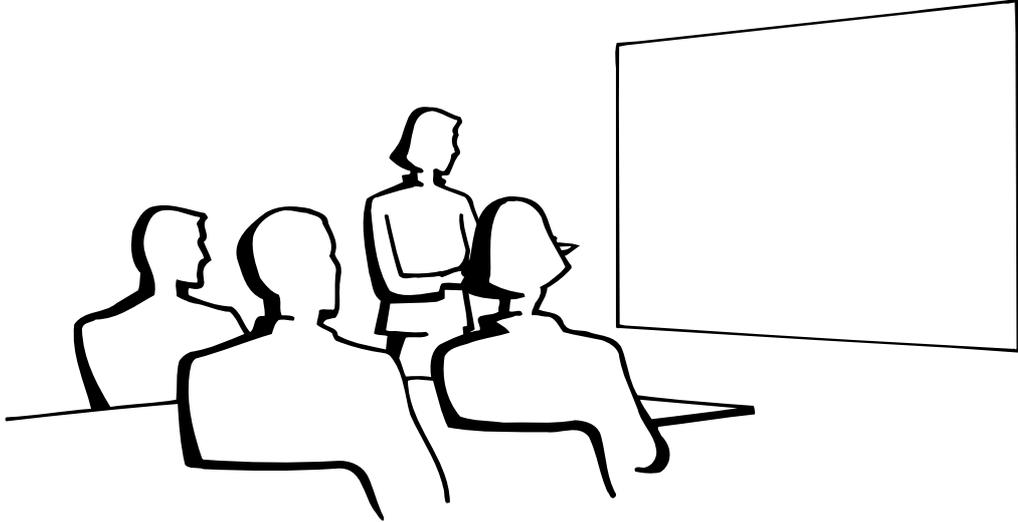


•

• (29 가 가

•)





①

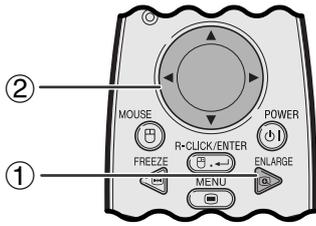
FREEZE

② **FREEZE**





가

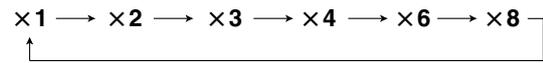


① **E N L A R G E**
ENLARGE

② ▲/▼ ◀/▶

주

- ×1 가 **BACK**
- **ENLARGE**

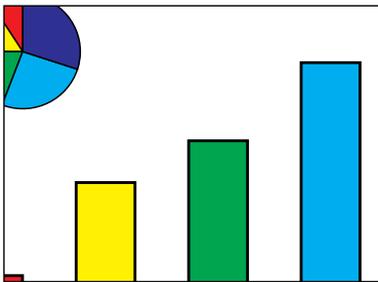
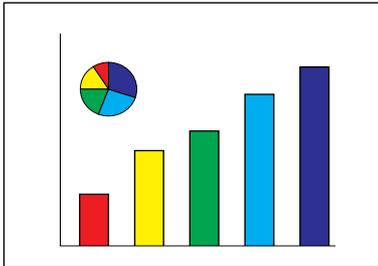


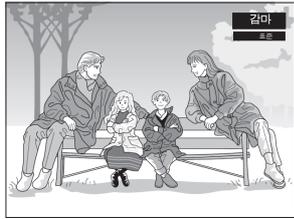
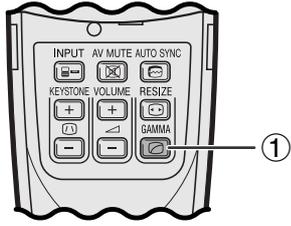
- 가
- × 1

(a) **INPUT**

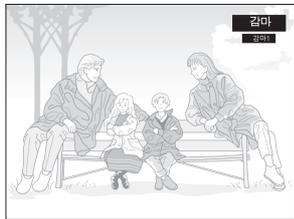
(b) 가

(c)

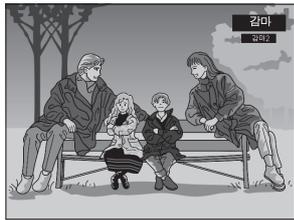




1



2



-
-
- 가

1	가 가
2	

①

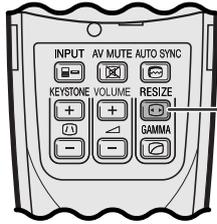
GAMMA

. GAMMA





가



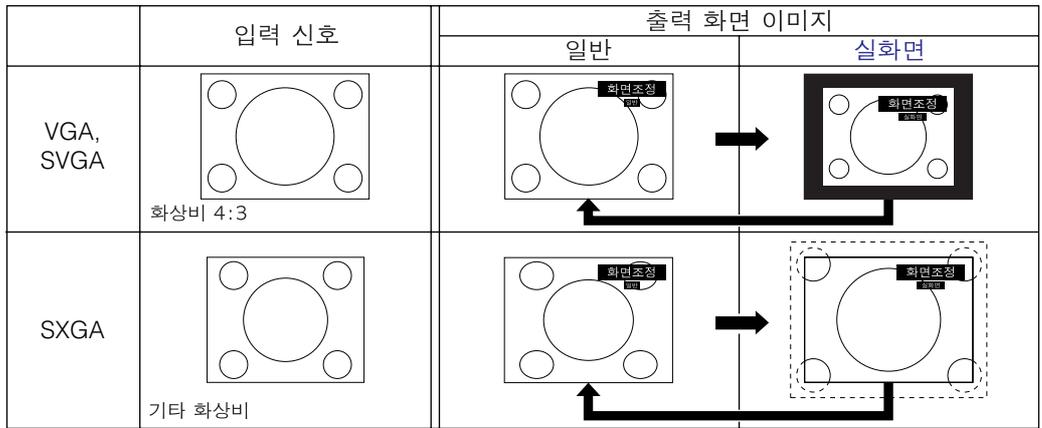
①

RESIZE

RESIZE

예

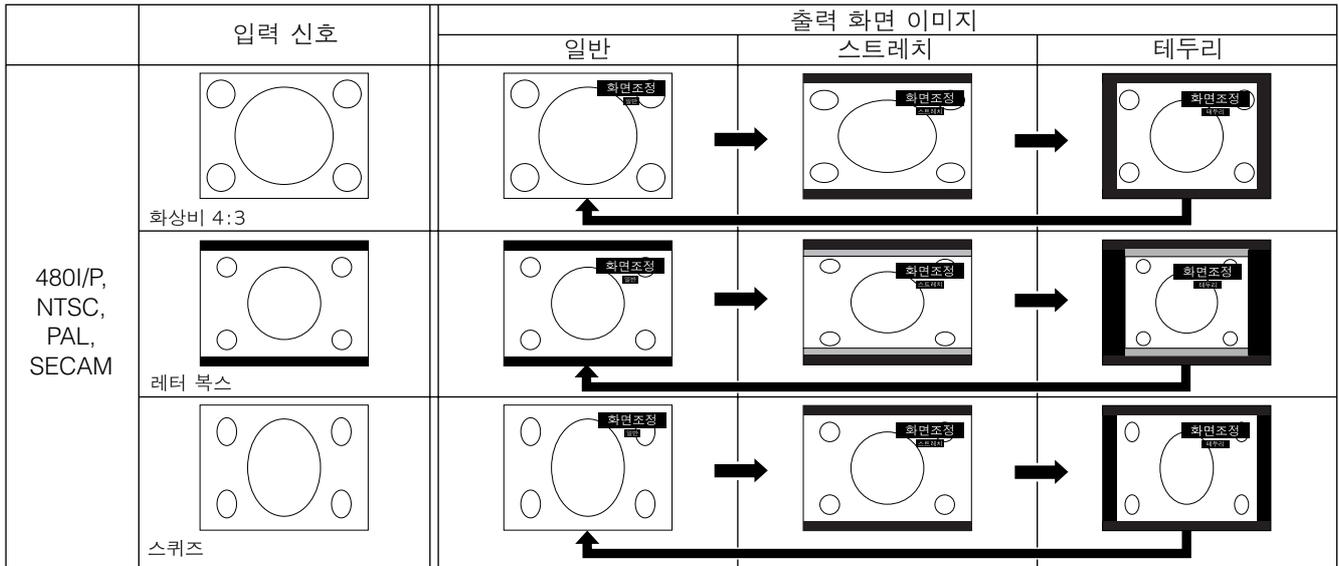
4:3	SVGA (800 × 600)	1024 × 768	800 × 600
	XGA (1024 × 768)	1024 × 768	-
	SXGA (1280 × 1024)	1024 × 768	1280 × 1024

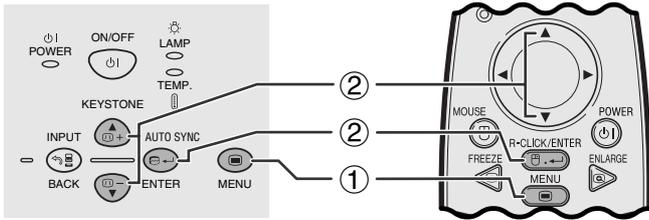


/ DTV

예

4:3 480I/P, NTSC, PAL, SECAM	4:3	1024 × 768	1024 × 576	768 × 576
		1024 × 768	1024 × 576	768 × 576
		1024 × 768	1024 × 576	768 × 576





① MENU

② ▲/▼

“ ”

ENTER

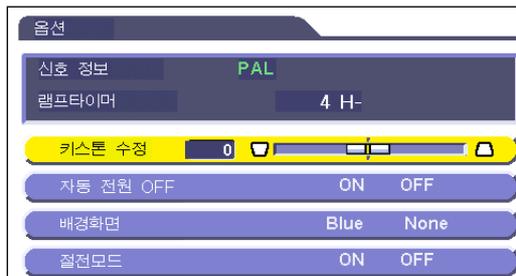


900

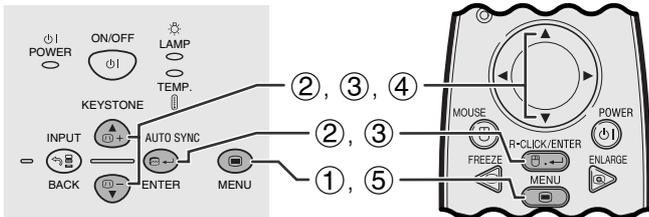
40

41

(GUI)



가 15



ON	가 15
OFF	

① MENU

② ▲/▼

“ ”

ENTER

③ ▲/▼
ENTER

“ ”

OFF ”

④ ▲/▼

“ ON ”

“ OFF ”

⑤ MENU

GUI

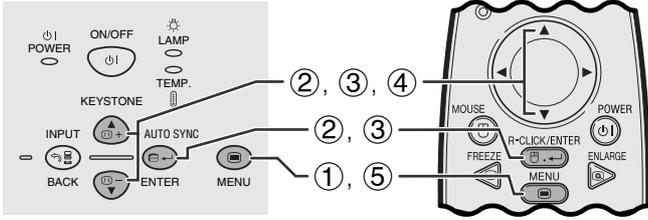


• “ OFF ” “ ON ”



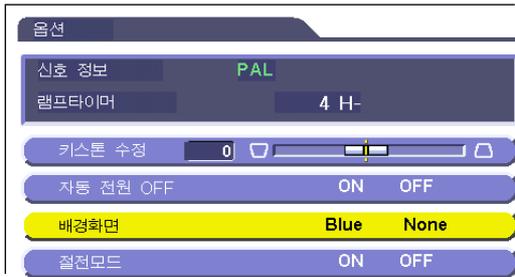


가



Blue	
None	

(GUI)



① MENU

② ▲/▼ “ ” ENTER

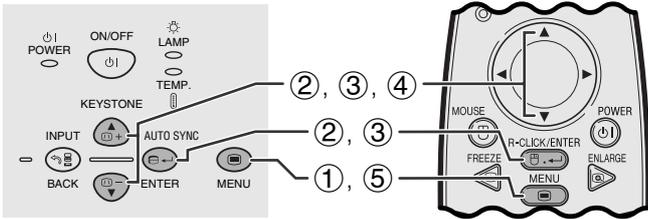
③ ▲/▼ ENTER

④ ▲/▼ “ Blue ” “ None ”

⑤ MENU GUI



가 “ OFF ” “ ON ”



ON	70%. 200W.
OFF	100%. 230W.

(GUI)



① MENU

② ▲/▼ “ ” ENTER

③ ▲/▼ ENTER

④ ▲/▼ “ ON ” “ OFF ”

⑤ MENU GUI



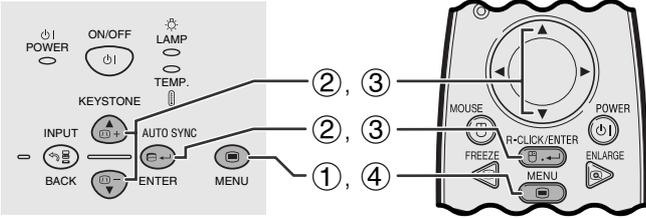
- “ ” “ OFF ”
- “ ” 가 “ OFF ”
- 가
- “ ” 가 “ ON ”

가 가 가



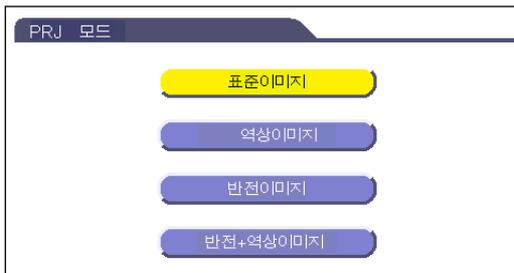
/

/



	+
+	+

(GUI)

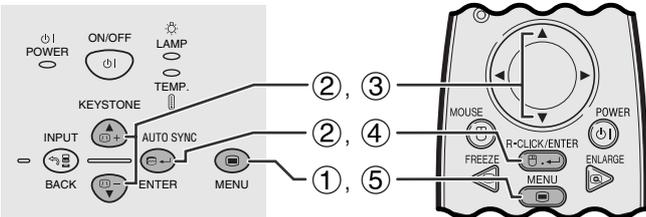


- ① MENU
- ② ▲ / ▼ ENTER " PRJ "
- ③ ▲ / ▼ ENTER
- ④ MENU GUI



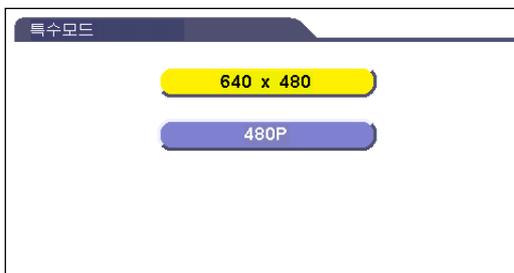
•

19



가 640 × 480 " " DTVs
480P

(GUI)

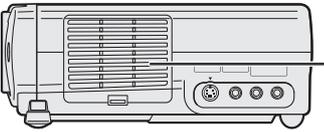
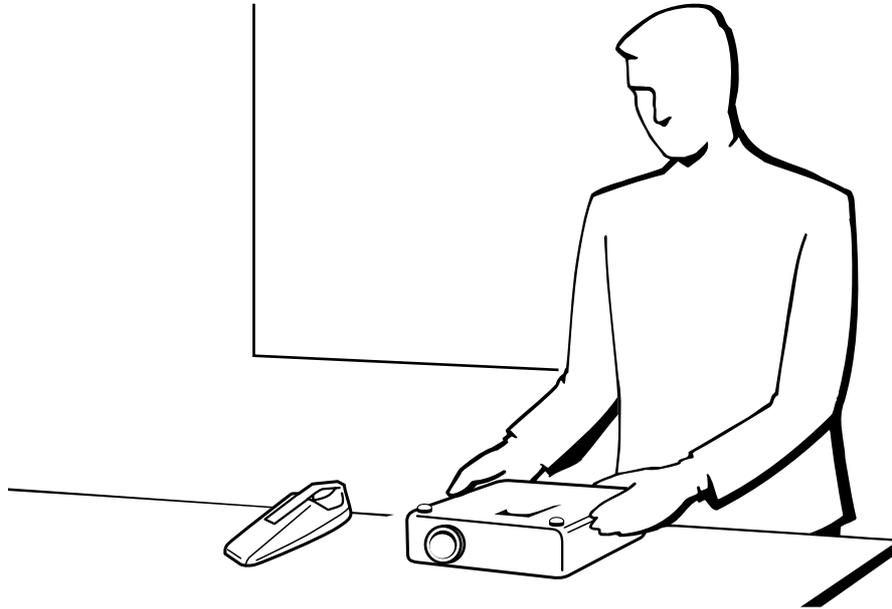


- ① MENU
- ② ▲ / ▼ ENTER " " "
- ③ ▲ / ▼
- ④ ENTER
- ⑤ MENU GUI



• DTV 480P " 480P "

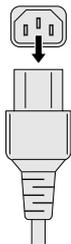
③



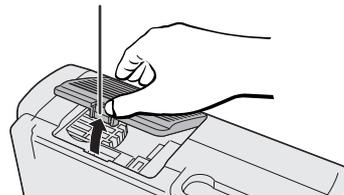
- 가
- 100 가
- 가 LCD (PFILD0123CEZZ) 가 가

1

AC



2



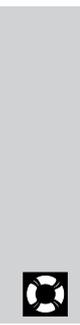


3	4

1	2	3
AC 		① ②
4	5	
① ② 		

▶ 주

• 가





/

- 가
- 2 가
- 가



			가
	가	가	가
		가	(37, 38) LCD
	가	가	(40, 41) LCD
		900	가
		가	

주

- 가
- (5) ON/OFF 가

1,000 . 900

가 (34 .)

주의

주

- 1,000
- 1,000

		가
가	900	BQC-PGC20X//1 (/) 가 LCD
가	1,000	(40, 41) LCD
가		

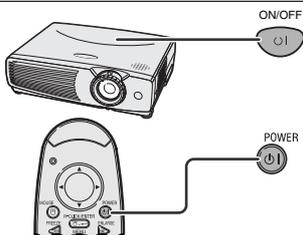
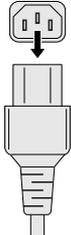
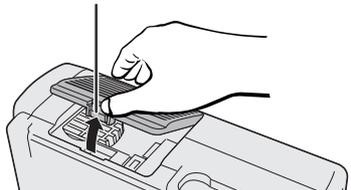
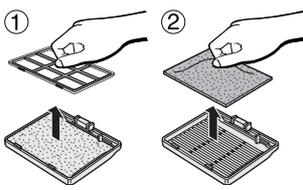
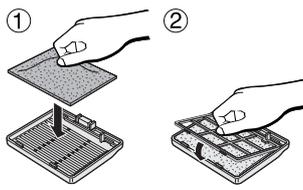
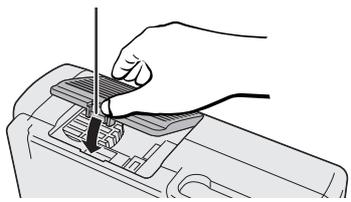


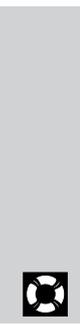
가 LCD
가 1

900

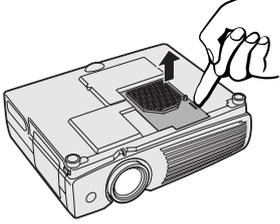
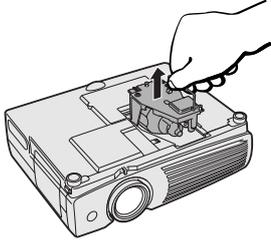
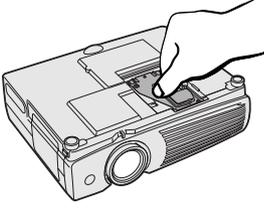
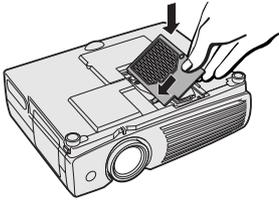
가 LCD
가 LCD
가 LCD
BQC-PGC20X//1
LCD (/) 가

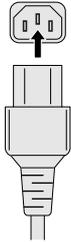
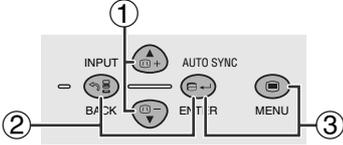
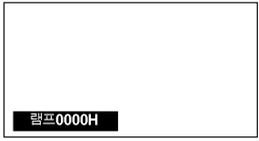
⚠ 주의

<p>1</p> <p>ON/OFF POWER</p> 	<p>2</p> <p>AC</p> 	<p>3</p> 
<p>4</p> <p>① ②</p> 	<p>5</p> <p>① ②</p> 	<p>6</p> 

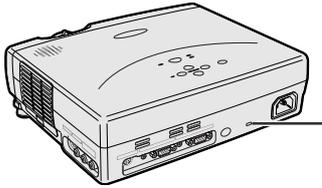




<p>7</p> 	<p>8</p> 
<p>9</p> 	<p>10</p> 

<p>1</p> <p>AC</p> 	<p>2</p> <p>① KEYSTONE ▲ KEYSTONE ▼</p> <p>② INPUT AUTO SYNC</p> <p>③ MENU AUTO SYNC</p> 	<p>가 “</p> <p>0000H” 가</p> 
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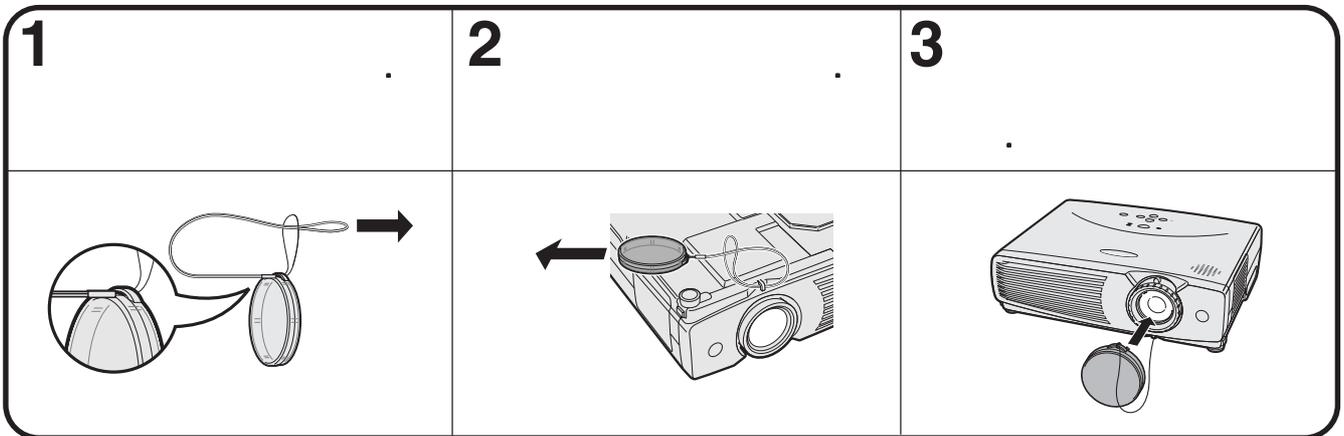
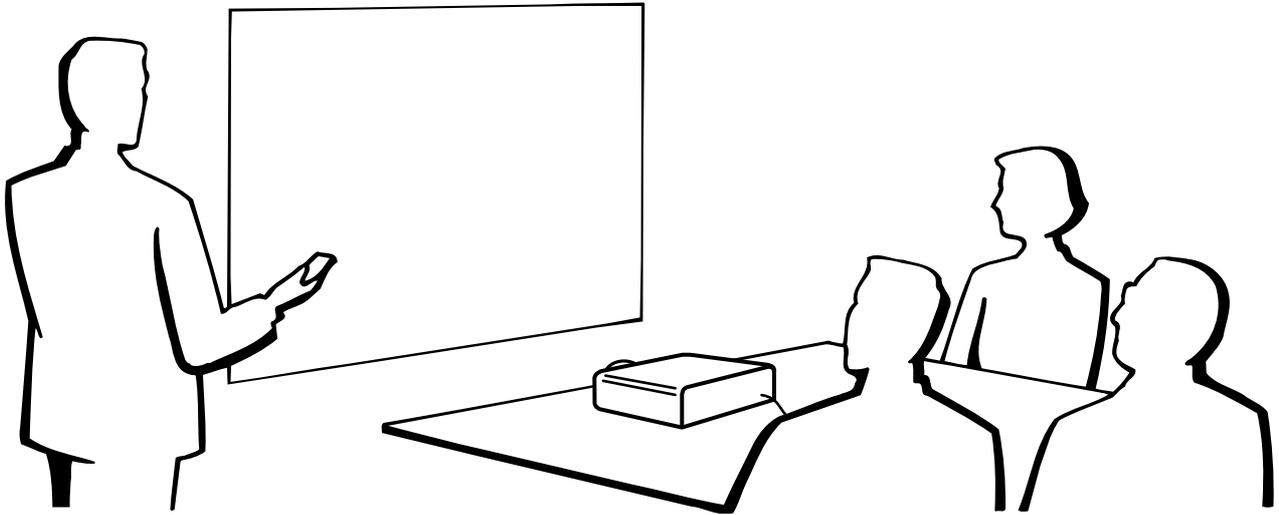
주의



A/S

가 .	<ul style="list-style-type: none"> 가 가 . (17) 가 . (12-15) 가 . (9)
.	<ul style="list-style-type: none"> . (12-15) “ ” “ ” . (27)
.	<ul style="list-style-type: none"> “ ” “ ” . (27)
.	<ul style="list-style-type: none"> . (17) 가 가 . (18))
가	<ul style="list-style-type: none"> . (12-15) . (17)
가 가	<ul style="list-style-type: none"> 가 가 .
.	<ul style="list-style-type: none"> 39 “ / ” .
가 .	<ul style="list-style-type: none"> “ ” . (29)
480P .	<ul style="list-style-type: none"> 480P . (36)



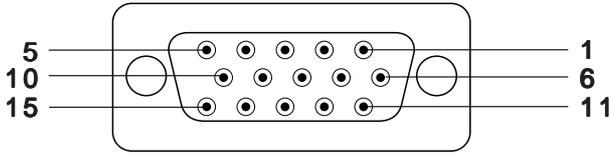


 주의

 주

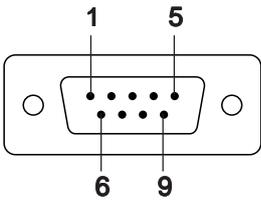


1 (COMPUTER INPUT 1): 15 D-sub



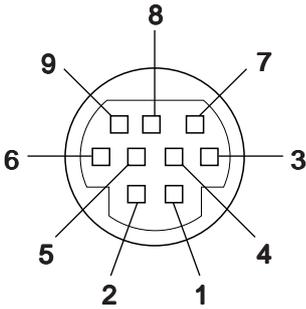
- | | | |
|-------------|-------|--------------------|
| 1. | () | 8. GND() |
| 2. | (/) | 9. |
| 3. | () | 10. |
| 4. | () | 11. GND |
| 5. | | 12. Bi-directional |
| 6. GND() | | 13. |
| 7. GND(/) | | 14. |
| | | 15. |

RS-232C : DIN-D-sub RS-232C 9 D-sub male



- | | |
|---|----|
| 1 | |
| 2 | RD |
| 3 | SD |
| 4 | |
| 5 | SG |
| 6 | |
| 7 | |
| 8 | |
| 9 | |

RS-232C : 9 DIN



- | | |
|---|----|
| 1 | |
| 2 | RD |
| 3 | SD |
| 4 | |
| 5 | SG |
| 6 | |
| 7 | |
| 8 | |
| 9 | |





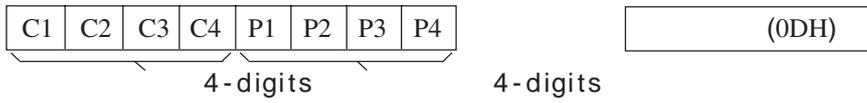
RS-232C

PC

(RS-232C (null , cross)
15 .)

: RS-232C
: 9,600 bps
: 8 bits
:
: 1 bit
:

: , , , 가



()



OK



가





예 1 (RGB) “ ” 가 - 10

R A B R _ - 1 0 ↵ ← →

O K ↵

컨트롤 항목	명령어				파라미터				컨트롤 목차
	C1	C2	C3	C4	P1	P2	P3	P4	
특수모드	S	P	M	D	-	-	-	0	640×480
	S	P	M	D	-	-	-	1	480P
자동 전원 OFF	A	P	O	W	-	-	-	0	자동 전원 OFF (OFF)
	A	P	O	W	-	-	-	1	자동 전원 OFF (ON)
절전모드	T	H	M	D	-	-	-	0	절전모드OFF
	T	H	M	D	-	-	-	1	절전모드ON
전원 설정	P	O	W	R	-	-	-	0	전원 OFF(준비)
	P	O	W	R	-	-	-	1	전원 ON
입력 전환	I	R	G	B	-	-	-	1	입력1 (RGB)
	I	R	G	B	-	-	-	2	입력1 (컴포넌트 신호)
	I	V	E	D	-	-	-	1	입력2 (S-비디오)
	I	V	E	D	-	-	-	2	입력3 (비디오)
입력 확인	I	C	H	K	-	-	-	0	입력 확인
음량 조정	V	O	L	A	-	-	*	*	음량 (00 - 60)
AV 음소거	I	M	B	K	-	-	-	0	AV 음소거 OFF
	I	M	B	K	-	-	-	1	AV 음소거 ON
키스톤 조정	K	E	Y	S	*	*	*	*	키스톤 (-127 - +127)
입력1 (RGB) 화면 조정	R	B	P	I	-	*	*	*	농도 (-30 - +30)
	R	B	B	R	-	*	*	*	밝기 (-30 - +30)
	R	B	R	D	-	*	*	*	적색 (-30 - +30)
	R	B	B	E	-	*	*	*	청색 (-30 - +30)
	R	B	R	E	-	-	-	1	초기화
입력2(S-비디오)/ 입력3(비디오) 화면 조정 1	V	A	P	I	-	*	*	*	농도 (-30 - +30)
	V	A	B	R	-	*	*	*	밝기 (-30 - +30)
	V	A	R	D	-	*	*	*	적색 (-30 - +30)
	V	A	B	E	-	*	*	*	청색 (-30 - +30)
	V	A	R	E	-	-	-	1	초기화
입력2(S-비디오)/ 입력3(비디오) 화면 조정 2	V	A	C	O	-	*	*	*	색상 (-30 - +30)
	V	A	T	I	-	*	*	*	음영 (-30 - +30)
	V	A	S	H	-	-	-	*	선명도 (0 - 7)
	V	A	R	E	-	-	-	2	초기화
입력1 (컴포넌트 신호) 화면 조정 1	R	A	P	I	-	*	*	*	농도 (-30 - +30)
	R	A	B	R	-	*	*	*	밝기 (-30 - +30)
	R	A	R	D	-	*	*	*	적색 (-30 - +30)
	R	A	B	E	-	*	*	*	청색 (-30 - +30)
	R	A	R	E	-	-	-	1	초기화
입력1 (컴포넌트 신호) 화면 조정 2	R	A	C	O	-	*	*	*	색상 (-30 - +30)
	R	A	T	I	-	*	*	*	음영 (-30 - +30)
	R	A	S	H	-	-	-	*	선명도 (0 - 7)
	R	A	R	E	-	-	-	2	초기화
입력 자동 화상 조정	A	D	J	S	-	-	-	1	자동 화상 조정 시작

컨트롤 항목	명령어				파라미터				컨트롤 목차
	C1	C2	C3	C4	P1	P2	P3	P4	
비디오 시스템 선택	M	E	S	Y	-	-	-	1	자동
	M	E	S	Y	-	-	-	2	PAL
	M	E	S	Y	-	-	-	3	NTSC 3.58
	M	E	S	Y	-	-	-	4	SECAM
	M	E	S	Y	-	-	-	5	NTSC 4.43
	M	E	S	Y	-	-	-	6	PAL (M)
	M	E	S	Y	-	-	-	7	PAL (N)
	M	E	S	Y	-	-	-	8	PAL (60 Hz)
배경 화면 선택	I	M	B	G	-	-	-	3	BLUE
	I	M	B	G	-	-	-	4	NONE
언어 선택	M	E	L	A	-	-	-	1	ENGLISH
	M	E	L	A	-	-	-	2	DEUTSCH
	M	E	L	A	-	-	-	3	ESPAÑOL
	M	E	L	A	-	-	-	4	NEDERLANDS
	M	E	L	A	-	-	-	5	FRANÇAIS
	M	E	L	A	-	-	-	6	ITALIANO
	M	E	L	A	-	-	-	7	SVENSKA
	M	E	L	A	-	-	-	8	PORTUGUÉS
	M	E	L	A	-	-	-	9	汉语
	M	E	L	A	-	-	-	10	한국어
입력1 (RGB) 감마 선택	G	A	M	R	-	-	-	1	표준
	G	A	M	R	-	-	-	2	감마1
입력2(S-비디오)/ 입력3(비디오) 감마 선택	G	A	M	R	-	-	-	3	감마2
	G	A	M	V	-	-	-	1	표준
	G	A	M	V	-	-	-	2	감마1
입력1 (컴포넌트 신호) 감마 선택	G	A	M	R	-	-	-	3	감마2
	G	A	M	V	-	-	-	1	표준
입력1 (RGB) 화면 조정	R	B	S	R	-	-	-	1	일반
	R	B	S	R	-	-	-	2	실화면
	R	A	S	V	-	-	-	1	일반
입력2(S-비디오)/ 입력3(비디오) 화면 조정	R	A	S	V	-	-	-	2	스트레치
	R	A	S	V	-	-	-	3	테두리
	R	A	S	R	-	-	-	1	일반
입력1 (컴포넌트 신호) 화면 조정	R	A	S	R	-	-	-	2	스트레치
	R	A	S	R	-	-	-	3	테두리
	I	M	R	E	-	-	-	0	역상 OFF
화면 설정	I	M	R	E	-	-	-	1	역상 ON
	I	M	I	N	-	-	-	0	반전 OFF
	I	M	I	N	-	-	-	1	반전 ON



주 (_)

(*) 가





가

: 15 80 kHz
 : 43 85 Hz
 : 12 108 MHz

가
 가 SXGA(1,280 × 1,024)

PC/MAC/WS	해상도	수평 주파수 (kHz)	수직 주파수 (Hz)	VESA 표준	표시			
PC	VGA	640 × 350	27.0	60		표준 이상		
			31.5	70				
			720 × 350	27.0	60		×	
				31.5	70			
			640 × 400	27.0	60		×	
				31.5	70		×	
		720 × 400	27.0	60	×			
			31.5	70	×			
			37.9	85	×			
			640 × 480	26.2	50			
				31.5	60		×	
				34.7	70			
		800 × 600	37.9	72	×			
			37.5	75	×			
			43.3	85	×			
			XGA	1,024 × 768	31.3		50	
					35.1		56	×
					37.9		60	×
			44.5	70				
			48.1	72	×			
			46.9	75	×			
			53.7	85	×			
			35.5	43	×			
			40.3	50				
48.4			60	×				
56.5			70	×				
60.0			75	×				
		68.7	85	×				

PC/MAC/WS	해상도	수평 주파수 (kHz)	수직 주파수 (Hz)	VESA 표준	표시
PC	SXGA	1,152 × 864	55.0	60	이텔리 전트 입축
			66.2	70	
			67.5	75	
		1,152 × 882	54.8	60	
			65.9	72	
			64.0	60	
PC/MAC 13"	VGA	640 × 480	35.0	67	표준 이상
PC/MAC 19"	XGA	1,024 × 768	48.4	60	×
MAC 16"	SVGA	832 × 624	49.7	75	이텔리 전트 입축
MAC 21"	SXGA	1,152 × 870	68.7	75	

주

- LCD (CRT/LCD) "CRT" 가
- 640 × 350 VESA VGA "640 × 400"

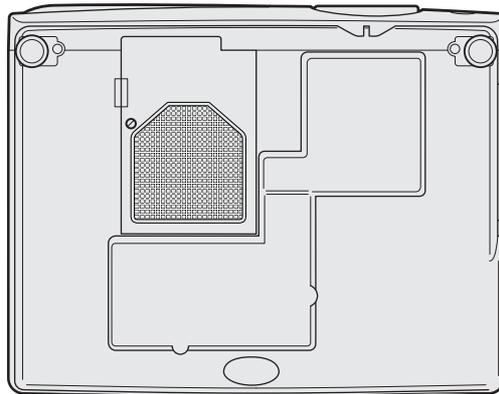
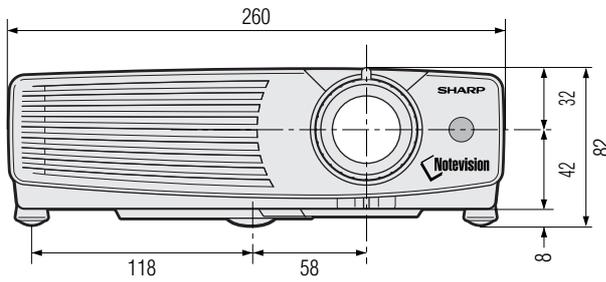
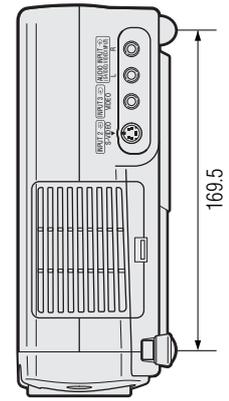
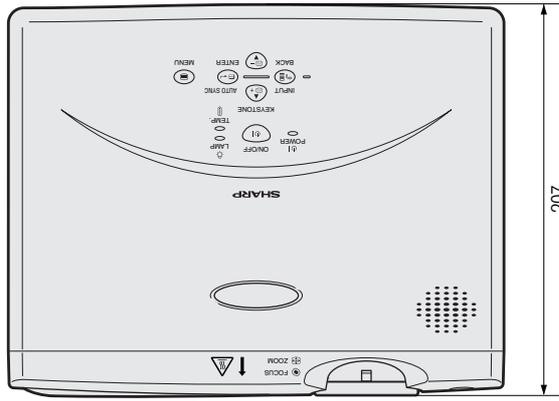
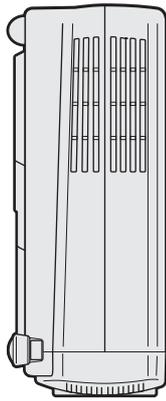
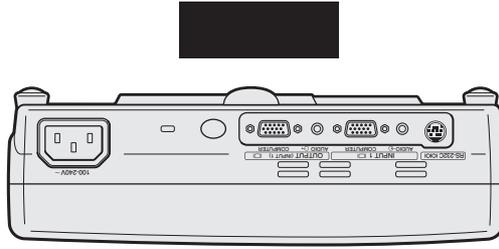




LCD
 PG-C20XE
 PAL/PAL 60/PAL-M/PAL-N/SECAM/NTSC 3.58/NTSC 4.43/DTV 480P
 LCD × 3, RGB
 : 22.9mm (0.9") (13.9 [H]× 18.5 [W] mm)
 : TN
 : TFT (Thin Film Transistor)
 : 786,432 dots(1,024 [H]× 768 [V])
 1—1.2 × , F2.3—2.6 , f=36.0—43.2mm
 DC 150W
 500:1
 RCA : , , 1.0Vp-p, 가 , 75Ω
 RCA : , 0.5Vrms, 22 kΩ ()
 S- 4 DIN
 Y () : 1.0 Vp-p, 가 , 75Ω
 C () : 0.286Vp-p, 75Ω
 580TV ()
 1.0 W ()
 RGB 15 D-sub (1 (COMPUTER INPUT 1),
 (COMPUTER OUTPUT)) :
 RGB / / :
 0—0.7Vp-p, , 75Ω
 : , 0.5Vrms, 22kΩ ())
 : TTL (/ 가) ()
)
 :
 12—108 MHz
 43—85 Hz
 15—80 kHz
 9 DIN (RS-232C)
 2.8 cm (1¹/₆₄")
 AC 100—240V
 2.6A
 50/60Hz
 230 W (" " "OFF")
 200 W (" " "ON")
 +5°C—35°C
 -20°C—+60°C
 I/R 38kHz
 () 260 × 74 × 207 mm (W× H × D)()
 () 260 × 82 × 207 mm (W× H × D)()
 () 2.6 kg
 , AAA 2 , (3.6m) , RGB (3m) ,
 (3m) , PS/2 (1m) , USB
 (1.5m) , DIN-D-sub RS-232C (15cm) ,
 , CD-ROM, LCD ,
 LCD 가 . (B Q C - P G C 2 0 X / / 1) , ()
 RRMCG1613CESA) , AAA , RGB ()
 QCNWG0002CEZZ) , (QCNW-4870CEZZ) , PS/2
 (QCNW-5113CEZZ) , USB (QCNW-
 5680CEZZ) , DIN-D-sub RS-232C (QCNW-5288CEZZ) ,
 (RUNTK0694CEZZ) , (PFILD0123CEZZ) , ()
 PCOVZ1095CEKA) , (UBNDT0013CEZZ) , CD-ROM ()
 UDSKA0048CEN1) , LCD (TINS-7271CEZZ) , LCD
 가 (TINS-7272CEZZ, TINS-7284CEZZ, TINS-
 7285CEZZ) .

LCD (Liquid Crystal Display) TFTs 가
 TFTs (Thin Film Transistors) 786,432 (× RGB) 가





: mm





가

가

가 , 4:3

RS-232C

RS-232C

XGA

1,024 × 768

IBM/AT

(DOS/V)

“ON”

“OFF”

가

GUI

Graphical User Interface,

가

PDF

CD-ROM

4:3. 16:9 21:9



SHARP CORPORATION