: LCD PROJECTOR
: LVP- X490U

|	
A	
	.
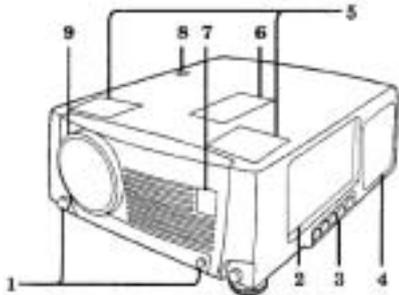
1. 　　　　　　　　(/)
2.
3. HUB
4.
5. 　　　　(/)
6.
7. 　　　　　　　　(　)
8. IRIS
9.
10. 　　　　　　　　(　)
11. Kensington Security Lock Standard
12. Easy- carry
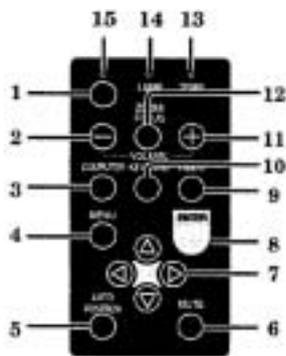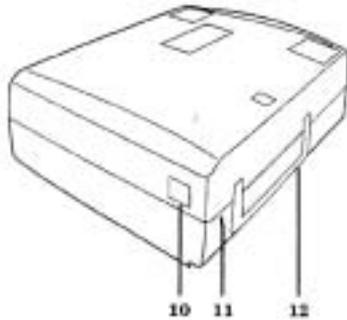
1. Power
   I:ON
   O:OFF
2. - (VOLUME)
3. COMPUTER
4. MENU
5. AUTO POSITION
6. MUTE
7. Direction
8. Enter
9. VIDEO
10. KENSTONE
11. + (VOLUME)
12. ZOOM/FOCUS
13. TEMP(　)
14. LAMP
15. Power
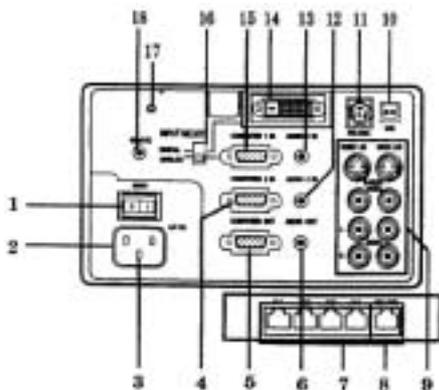
1. Main
2. Power
3. Ground
4. COMPUTER 2 IN 　　　　(D- SUB mini 15P)
5. COMPUTER OUT 　　　　(D- SUM mini 15P)
6. AUDIO OUT
7. LAN X1- X4
8. LAN II5(X5)
9. 　　　　/
10. USB
11. RS- 232C(DIN 8P)
12. COMPUTER 2 AUDIO IN
13. COMPUTER 1 AUDIO IN
14. COMPUTER 1 IN 　　　　(DVI- D24P,X490 　)
15. COMPUTER 1 IN 　　　　(D- SUB mini 15P)
16. INPUT SELECT
17.
18. Wired 　　　　(REMOTE)

1. (/)
2.
3.

: .

.
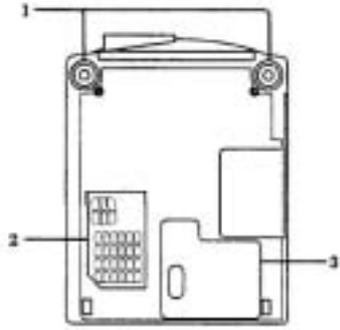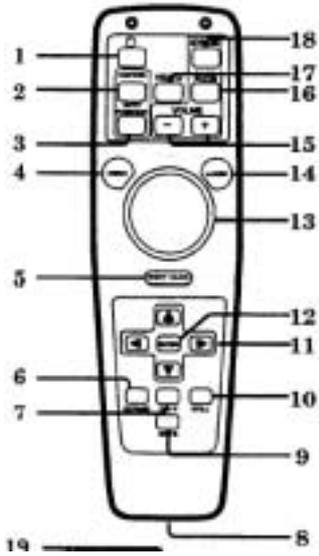
1. Power
2. COMPUTER
3. AUTO POSITION
4. MENU
5. ( )
6. EXPAND
7. PinP
8. Wired
9. MUTE(/)
10. STILL
11. Direction
12. ENTER
13.
14. LASER
15. +, - (VOLUME)
16. ZOOM/FOCUS
17. VIDEO
18. KEYSTONE
19. Laser aperture
20. ( )
• LASER 1 .
LASER
.

AVOID EXPOSURE -LASER
RADIATION IS EMITTED
FROM THIS APERTURE.
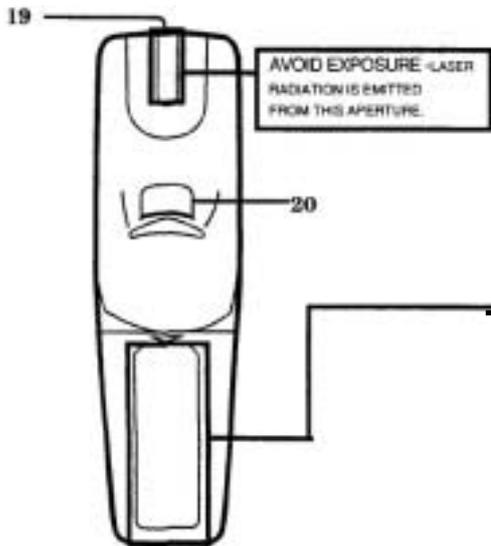
class 2(1mW
640- 660nm) .
Beam Divergence: 10.0mm x 10.0mm 6m
(± 6.0mm)

CAUTION

LASER RADIATION
DO NOT STARE INTO BEAM

WAVE LENGTH : 640 - 660 nm
MAX OUTPUT : 1 mW
CLASS 2 LASER PRODUCT
IEC 60825-1:1993+A1:1997

: .
• LASER
.
. .
•
.

1. 　　　　　　　　　　　　　　　　　　　　　　　　　　　　　.
2. 　　　　　　　　　　　　　　　　　.(+　+ , -　-)
3. 　　　　　　　　　　　　.

1　　　　　　　**2**　　　　　　　**3**

：

• 　　　　　.

• 　　　　　　　　　　　　　　　　　.

• 　　　　　,　　　　　,　　　　.
• 　　　　　　　　　　.
• 　　　　　　　,　　　　.　　　　,　　　　.

(　　　　　　　　　　　　　)

10m　　.　　　　　　　　　　7m(　23　)　.

　　　,　　　　　.

　　　　　　　　

：

2m(6.5)

• 　　　,
　　　.

• 　　　　　　　　　, pin- pin

• 　　　　　　.

- 4 -
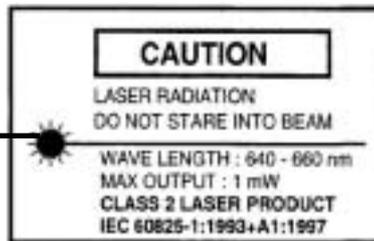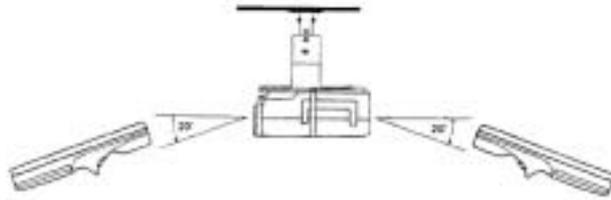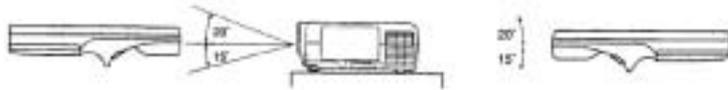
1.8(min)   .   2.4(   )
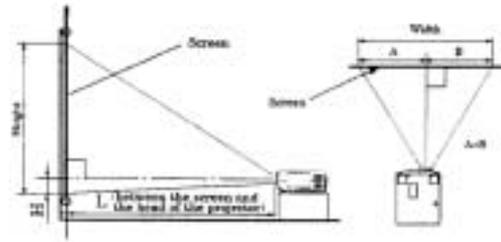
| Screen			Distance from screen (L) / (approximate)				Height projected image (H)	
			Maximum zoom (WIDE)		Minimum zoom (TELE)			
Diagonal size (inch)	Height (inch)	Width (inch)	(m)	(inch)	(m)	(inch)	(cm)	(inch)
40 "	24 "	32 "	1.5	58 "	1.9	75 "	3.0	1.2 "
60 "	36 "	48 "	2.3	89 "	2.9	114 "	4.6	1.8 "
80 "	48 "	64 "	3.0	120 "	3.9	152 "	6.1	2.4 "
100 "	60 "	80 "	3.8	150 "	4.9	191 "	7.6	3.0"
150 "	90 "	120 "	5.8	227 "	7.3	289 "	11.4	4.5 "
200 "	120 "	160 "	7.7	304 "	9.8	386 "	15.2	6.0 "
250 "	150 "	200 "	9.7	381 "	12.3	483 "	19.1	7.5 "
300 "	180 "	240 "	11.6	458 "	–	–	22.9	9.0 "

•   ,   .

•   ,   .

•   , INSTALLATION   IMAGE REVERSE
   MIRROR INVERT   .

•

•

• 50

•
  •
  •
  •
  •
  •
  • 41   (+ 5)   104   (40   )

  :

•   ,   .

- 5 -

RGB   PC, VCRs,   ,
        .

              :
• 　　　　　　　　　　　　　　　　　　　　.
• 　　　　　　　　　　　　　　,　　　　　　　　　　　.
• 　　　　　　　　　　　　　　　　　,　　　　　　　　.
• 　　　　　　　　　　　　　　　　　　.

+AV

        :
• 　　　　　　　AV　　　　　　　　　　　　　　　　　　.
• S-　　　　　　　　　　　　　　.   S-　　　　　　　　　　　　　　,
        .

Connect either one of these.

to S-video input
to video input
to audio input

VCR etc.

to video output
to audio output
to S-video output

DVD player or HDTV decoder

AUDIO cable

to AUDIO OUT

to COMPUTER
AUDIO IN

Y   CBPB CRPR

BNC - RCA connector
(optional)

No connection

HD/CS   VD

G   B   R

Mini D-SUB 15 pin-BNC
conversion cable (optional)

to COMPUTER
IN (Mini D-SUB
15P)

• 525p　　　　　　　SIGNAL　　　　　　　　　.
• 　　　　　　　INPUT SELECT　　　　　ANALOG　　　　　　.
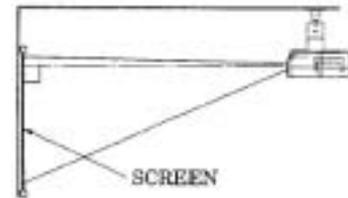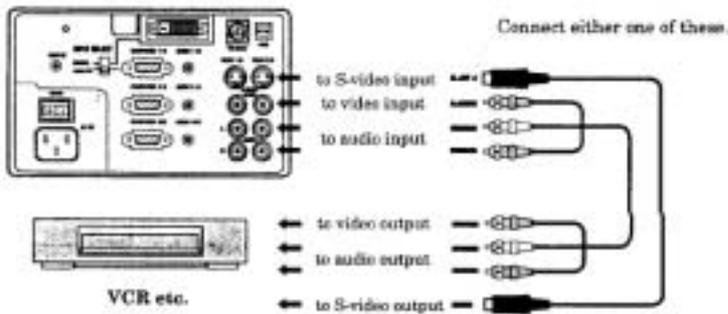
+DVD   HDTV

DVD   3   (Y, C_B, C_R)
            ,   COMPUTER 1 IN
COMPUTER 2 IN   .

• Y, P_B, P_R   HDTV
                      .

•
                  .
•   Mini D- SUB 15
pin- BNC
    .   DVD
                          .
• R, G, B   HDTV
              , SIGNAL
        COMPUTER INPUT
    RGB   .

+ PC

Mini D-SUB 15P   (IBM PC   IBM PC   )

- RGB cable for PC
- to COMPUTER IN (Mini D-SUB 15P)
- computer
- to COMPUTER OUT
- to COMPUTER AUDIO IN
- to monitor port
- to PC audio output
- PC audio cable (option)
- RGB cable for PC (option)
- When outputting to both a PC monitor and the projector.

•   INPUT SELECT   ANALOG   .

DVI   (X490   )

- DVI cable (option)
- to COMPUTER IN (DVI-D24P)
- computer
- to DVI port
- to COMPUTER AUDIO IN
- to PC audio output
- PC audio cable (option)

•   INPUT SELECT   DIGITAL   .
• COMPUTER 1 IN (DVI)   COMPUTER OUT   .
•   DVI   .   DVI
          ,   DVI   .

              :
•   RGB   ,   .
•   RGB   PC   .   .
•   .
                  .   .

Macintosh

•   Macintosh   .   .
• RGB   MAC   PC   .   .

DDC^{TM}   (DVI   )

          VESA^{TM} DDC^{TM} 2B(EDID)   .   DDC^{TM} 2B(EDID)   ,
          .   Windows 98   ,   .   Windows 96   ,
                                                                 .   Mitsubish
          .
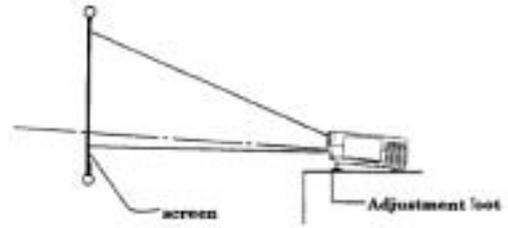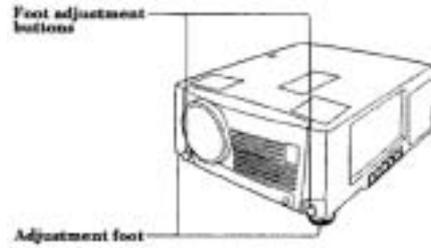
1.
2.
3.   , 90

- "ON"
-

-

- 3-
  .
                                                                          , A/C

- 120V
  .

- 100- 240V AC 50/60Hz

-

-

  :
-
-

1.   .
2.   .

3.   .

4.   .

5.   .

  :
-
                                                                                                    KEYSTONE
            +   -
  .
-   90   .
-
  .
-
  .

2,11
3,9,10 — **4,6**
5,7
8 — **8**

AUTO POSITION button — MUTE button

3,9,10
8
AUTO POSITION button — **4,6**
5,7

MUTE button

1.　　　　　　　　　　　　　　　　　　.

2.　　　　　　　　　　　　standby
　　　. POWER　　　　　　　　　　.

3. POWER　　　　　　　　　　　　　　　.

　　　　　　　　.

　　• 　　　　　　　　　　　　, LAMP
　　　　　　　　　POWER
　　　　.

　　•
　　　2　　　　　　　　　　,
　　　　　　　　　　　　　1
　　　　　　　. 　　　,
　　1　　　.

	LAMP	POWER
stand-by	-	
	-	

　　　：

　•
　POWER　　　　　　　　　　.
　　　　, 　　　　　　.

　• 　　　　　　,
　　　　　　.
　　　　　.

• 　　　　　　　　　　　　　　　,
　　　　　.　　　.

• 　　　　　　　　　　　　.

4. ZOOM/FOCUS　　　FOCUS　　　. "FOCUS"
　　　　.

5. +　-　　　　　　　　　　　　.

6. ZOOM/FOCUS　　　ZOOM　　　. "ZOOM"
　　　　.

7. +　-　　　　　　　　　　　　　.

• 　　　　　　　　　　　　　　.
　PinP　EXPAND　　　　, 　.

8. COMPUTER　VIDEO
　　　.

• 　　　　　　　　　　　　.
　　　　.
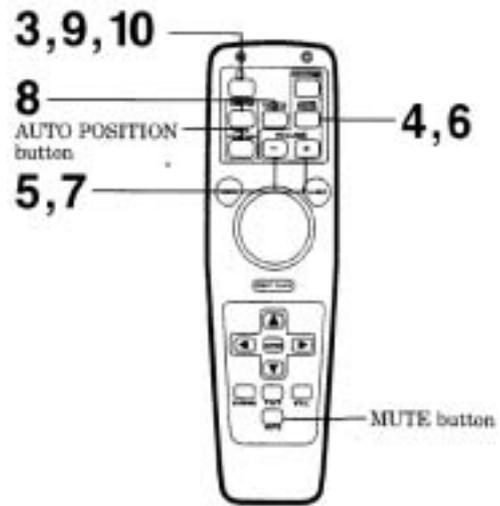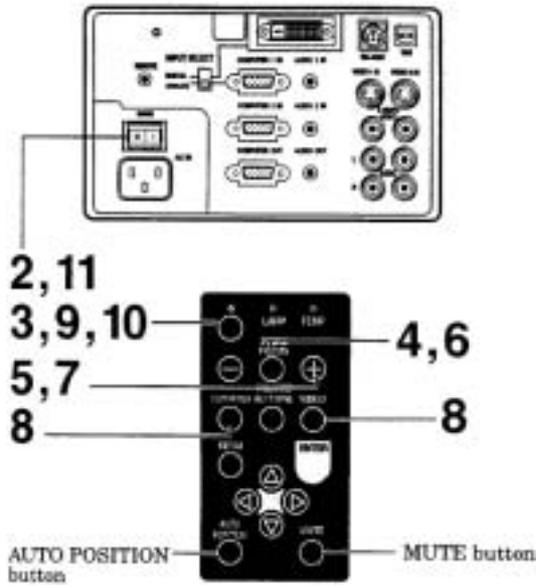
• COMPUTER　VIDEO　　　MENU
　　　. 　, 　　( )
　　.

• COMPUTER　　　　, 　.
　　　.

• 　　　　, COMPUTER 1
　　　INPUT SELECT
DIGITAL　　.

• 　　　　LAMP MODE
　1　STANDARD　　.

- 9 -

AV mute

MUTE .

9. POWER .
   "POWER OFF?YES:PRESS AGAIN"
   .   , MUTE .
   •   , POWER, LASER,   • AUDIO OUT   MUTE .
        , R/L-   , STILL, VOLUME +   -
                              .   :

10. POWER .   •   ,   120
                                .   .

   POWER   •   ,   60
        ,   120   .
   LCD   .   ,   60   .
        .   ,
                                               POWER   .
11.   .   •
        , POWER   .   .

• Intake/exhaust   •   , "TEMP!"
                                ,   .   ,
           10   .   .
              3   .
              ,   .
                                .

AUTO POSITION
        COMPUTER
           ,   .
1.   .
2. Screen saver   , screen saver
        .
3. AUTO POSITION   .
•   , SIGNAL
   .

        +   -   .
                             .

AUDIO 15
▣▮—┼—▮◖

                        •
                             10   .
                        •   MENU
   MENU   .
•   DVD
   COMPUTER AUDIO IN   ,
              .

- 10 -

IMAGE					
CONTRAST	± 30		RED	± 30	
BRIGHTNESS	± 30		YELLOW	± 30	
sRGB	ON , OFF		GREEN	± 30	
COLOR MATRIX *1	VIDEO		CYAN	± 30	
	COMPUTER		BLUE	± 30	
	USER☑		MAGENTA	± 30	
	OFF		SATURATION	± 5	
COLOR TEMP.	STANDARD		CONTRAST R.	± 30	
	HIGH		CONTRAST B.	± 30	
	LOW		BRIGHTNESS R	± 30	
	USER☑		BRIGHTNESS B	± 30	
COLOR	± 10	(Displays only when the source is selected to VIDEO)			
TINT *2	± 10	(Displays only when the source is selected to VIDEO)			
SHARPNESS	± 10				

INSTALLATION	
IRIS	1, 2, 3, OFF
AUTO POWER ON	ON , OFF
AUTO POWER OFF	OFF, 5, 10, 15, 30, 60 min
SPLASH SCREEN	ON , OFF
BACK COLOR	BLUE , BLACK
LAMP MODE	STANDARD, LOW
IMAGE REVERSE	OFF, MIRROR, INVERT, MIRROR INVERT

FEATURE		
MENU POSITION	1 (Upper left), 2(Lower right)	(The item can not be selected when the source is selected to COMPUTER)
EXPAND MODE	1 - 4	
FRAME POSI.	1 - 5	
VIDEO SIGNAL	AUTO , NTSC , PAL , SECAM , 4.43NTSC , PAL-M , PAL-N , PAL-60	
ANAMORPHIC	ON , OFF	
LANGUAGE	日本語 , English , Español , Deutsch , Français , Italiano , 中文	
RESET ALL	OK☑	

SIGNAL				
MEMORY CALL	AUTO, USER1, USER2			
HORIZ.POSITION	0 - 999 *3			
VERT.POSITION	0 - 999 *3			
FINE SYNC. *4	0 - 39			
TRACKING *4	0 - 9999 *3			
COMPUTER INPUT *4	RGB, YCₐCᵣ / YPᵦPᵣ			
HOLD *4	AUTO			
	ON☑	BEGIN	-1 - -99	
	OFF	END	1 - 99	
USER☑		CLAMP POSITION *4	0 - +63 *3	
MEMORIZE☑	USER1, USER2	CLAMP WIDTH *4	1 - 63 *3	
DELETE☑	USER1, USER2	HORIZ. PIXELS *4	0 - 9999 *3	
DEFAULT☑		VERT LINES *4	0 - 9999 *3	
		VERT.SYNC.	AUTO, ON, OFF	
		SHUTTER(U)	0 - 383	
		SHUTTER(L)	0 - 383	
		SHUTTER(LS)	0 - 510	
		SHUTTER(RS)	0 - 510	

.... Menu ....

: Auto power off

1. MENU ....

2. .....................INSTALLATION ....

3. ENTER ....(............)

4. ....AUTO POWER OFF
   .

5. ....auto power off
   .

6. MENU
   .

• ....,
  RESET ....
• ....ENTER ....

①

CONTRAST....................   .   .
BRIGHTNESS...............   .   .
sRGB...............................ON
                    • sRGB   ON   , COLOR MATRIX   .
                    • sRGB   OFF   ,   .
                    • sRGB   ON   COLOR TEMP   STANDARD
                                    ,   sRGB
                                    .
                    •   VIDEO- IN   S- VIDEO IN   ,
               sRGB   ON   ,   sRGB
                    .

COLOR MATRIX.........   .
COLOR TEMP...............   .
COLOR............................   .(VIDEO   .)
TINT...............................   .
                                                            .(VIDEO   .)
                    • TV50(PAL, SECAM)   , TINT   .
SHARPNESS.................   .   .

②

IRIS...............................
                                                            .
                                                            1
                    .   , 2
                    .
                    , 3   . OFF   , IRIS
                                    .
                    •   ,   .
                    .
AUTO POWER ON....ON   off
                                                            .
                    .
                    •   off   stand- by   .
                    .
AUTO POWER OFF..   stand- by
                    .
SPLASH SCREEN......ON   ON   splash   .
BACK COLOR.............   .
                    .
LAMP MODE...............   . LOW   ,   ,   ,
                    .
                    •   LAMP MODE   1   STANDARD
                    .
IMAGE REVERSE......   .   MIRROR   .
                                    MIRROR, INVERT   .

③

FEATURE

MENU POSITION......   .
EXPAND MODE.........   .
FRAME POSI.............   .
VIDEO SIGNAL.........AUTO   ,
                                    .   ,
                                    .
ANAMORPHIC............   DVD   ON   .
LANGUAGE.................   .(
                    /English/Deutsch/Francais/Italiano/   )
RESET ALL................MENU   .(LANGUAGE   )

- 12 -

• FEATURE   LANGUAGE   English   NTSC   ,
          15   . (.)   ,
     .

④ SIGNAL

MEMORY CALL........AUTO, USER 1, USER 2   .
HORIZ.POSITION......   .
VERT.POSITION.......   .
FINE SYNC................   PC
             .

⑤ SIGNAL-USER

CLAMP POSITION/
CLAMP WIDTH..........   ,
                   .   CLAMP POSITION   CLAMP
          WIDTH   .
HORIZ.PIXELS.............   .
                   . (
                .)
VERT.LINES...............   .
                  . (
               .)
VERT.SYNC.................   .
                AUTO   .
SHUTTER(U)...............
            .
SHUTTER(L)...............   .
SHUTTER(LS).............   .
SHUTTER(RS).............   .
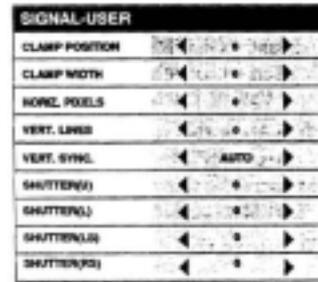
             2   .

1. SIGNAL   MEMORY   ENTER   .
2.   .(USER1   USER2)
3. ENTER   .
•   3   .   .

SIGNAL   RESET   ENTER   .

SIGNAL   MEMORY CALL   .(USER 1   USER 2)

1. SIGNAL   DELETE   ENTER   .
2.   .(USER 1   USER 2)
3. ENTER   .
                  .
•   3   .   .

IMAGE .

:
IMAGE CONTRAST .

.
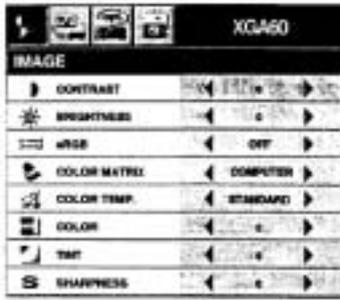
:
IMAGE BRIGHTNESS .

.

:
IMAGE COLOR .

.

- :
IMAGE TINT .

.

:
IMAGE SHARPNESS .

.

Color RGB
(, ,)
. Color ,
.

1. IMAGE COLOR MATRIX .
2. USER .
3. ENTER .

4. .
• ,
SATURATION .

5. .
6. 4 5

7. MENU

• , VIDEO
COMPUTER 2 .
VIDEO S- VIDEO , VIDEO
. COMPUTER ,
COMPUTER .
• Color matrix , 2
OFF .

1. IMAGE COLOR TEMP .
2. USER .
3. ENTER .

4. .
5. .
6. 4 5
.
7. MENU
.

.
. .
, .
.
:
B( ) , R( )
.
:
B( ) , R( )
.

PC

PC

PC

MENU

| | | | XGA60 |

SIGNAL

	MEMORY CALL	AUTO
	HORIZ. POSITION	
	VERT. POSITION	0
	FINE SYNC.	0
	TRACKING	0
	COMPUTER INPUT	RGB
	HOLD	AUTO

| USER | MEMORIZE | DELETE | DEFAULT |

:
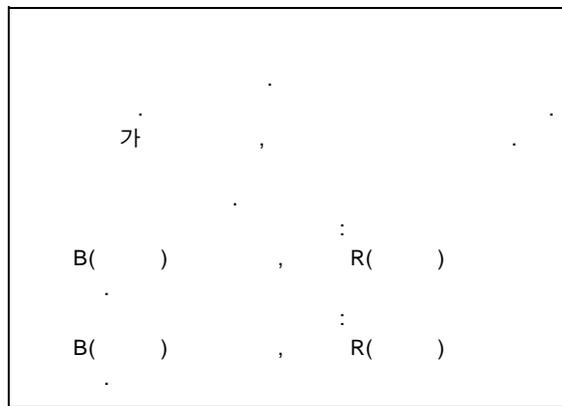
SIGNAL HORIZ.POSITION .

:

SIGNAL VERT.POSITION .

/ :

SIGNAL FINE SYNC. .

SIGNAL-USER

CLAMP POSITION	
CLAMP WIDTH	
HORIZ. PIXELS	
VERT. LINES	
VERT. SYNC.	AUTO
SHUTTER(U)	
SHUTTER(L)	
SHUTTER(LS)	
SHUTTER(RS)	

.:

SIGNAL- USER CLAMP
POSITION CLAMP WIDTH .

.:

SIGNAL- USER SHUTTER(LS),
SHUTTER(RS), HORIZ.PIXELS .

.:

SIGNAL- USER SHUTTER(U), SHUTTER(L),
VERT.LINES .

:

SIGNAL HOLD . ON
ENTER
BEGIN END .

.:

SIGNAL- USER VERT.SYNC .
AUTO .

• USER

1. SIGNAL HORIZ.POSITION .
2. .
3. SIGNAL TRACKING .
4. .
5. 1 4 .
6. SIGNAL VERT.POSITION .
7. .

Expand

EXPAND   ,
                    .
              .(
)

Expand

1. MENU   .

2.   FEATURE   .

3. ENTER   .

4.   EXPAND MODE   FRAME POSI
       .

5.   EXPAND   FRAME POSI
    .

6. MENU   .

EXPAND MODE

(EXPAND MODE 1) (EXPAND MODE 2) (EXPAND MODE 3) (EXPAND MODE 4)

Normal / Zooming / Zooming / Normal / Zooming / Native resolution display
image / image / image

FRAME POSI.

(FRAME POSI. 1~4) (FRAME POSI. 5)

| 1 | 2 |
| 4 | 3 |

Main image / Sub image
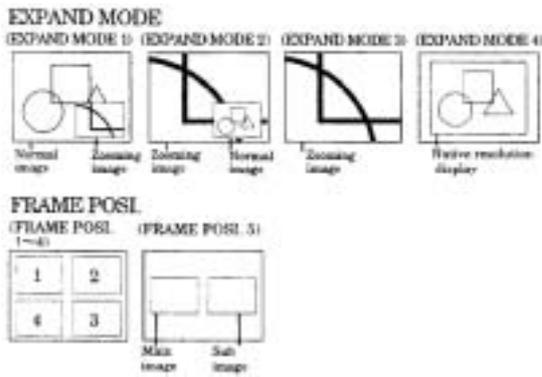
Expand

1. EXPAND   .

•   , , ,
              .

• +   -   .

2.   EXPAND   .
       .

•   S-
       .

• EXPAND   , zoom/focus
       .

REAL

• REAL   ,   .

• REAL   ⊙   .
    (   )   .

•   +   -   .

Picture in Picture(PinP)

PinP   . PinP
    .

PinP

1.   PinP   .
   • VIDEO IN   S- VIDEO IN
                   , COMPUTER IN
                    -                    .
   • COMPUTER IN
           , VIDEO IN   S- VIDEO IN
                   -              .

2.   VIDEO   COMPUTER
                                   .

Main   Sun
3.   .

4.   .

FRAME POSI.

(FRAME POSI. 1~4) (FRAME POSI. 5)

| 1 | 2 |
| 4 | 3 |

Main image / Sub image

5.
PinP   .
       .

•   ,   ,   ,
                        PinP
    .

• PinP   , Main   Sub
    .

• PinP   , Main   .
• PinP   ,
                              .

1.   STILL   .
    .

2.   STILL   .
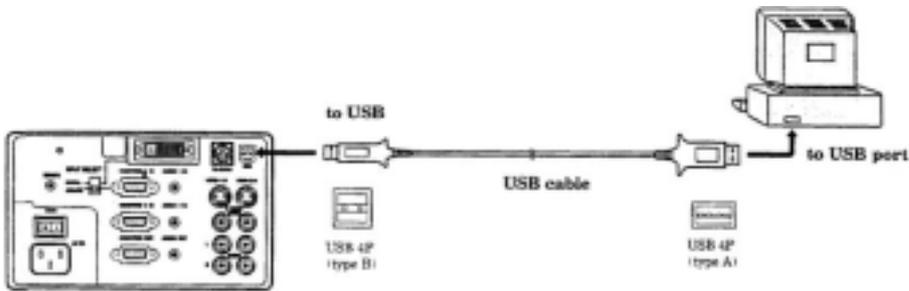
- 16 -

USB   PS/2   PC   ,   .

+USB

to USB

to USB port

USB cable

USB 4P
(type B)

USB 4P
(type A)

-            USB   .   Windows 98   ,
        USB   .   Windows 95   ,   .   USB
Macintosh   ,   .
-          ON   , USB   .   ,
            .   ,   ON   USB   .

+PS/2

to RS-232C
terminal

to mouse
(PS/2) port

RS-232C cable

PS/2 adaptor

Mini DIN 6P   D-SUB 9P   D-SUB 9P   Mini DIN 6P
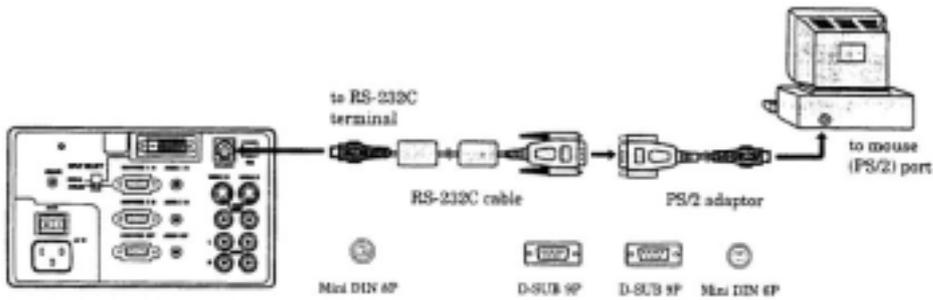
- PS/2   . PC   on   ,
                 .   , PC   .
-           USB   RS- 232C   ,   .
-           RS- 232   ,   .

(HUB   )

HUB   . HUB
        .

1)   HUB   . RGB
                                    .

←   Flow of DATA

•
        .

2)   HUB   LAN   .
        LAN   Network   .

Existing LAN network

←   Flow of DATA

•   LAN   IP
                          .
•   ,
        .

Internal HUB

to LAN X1- X4 port   Provided LAN cable or
                             Optional streight LAN cable

to LAN port

•   ,   HUB   LAN X1- X4
        .

HUB

External HUB

to 10BASE-T port

Internal HUB

to LAN II5/X5 port   Provided LAN cable or
                             Optional streight LAN cable
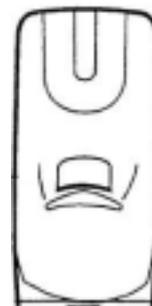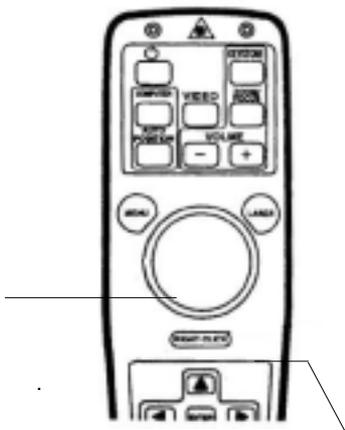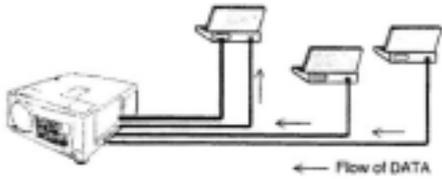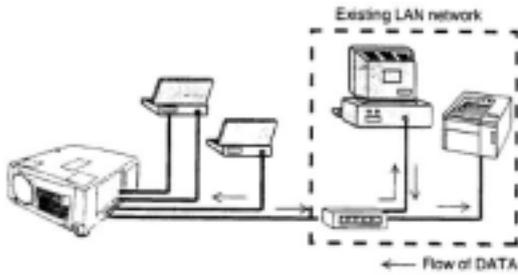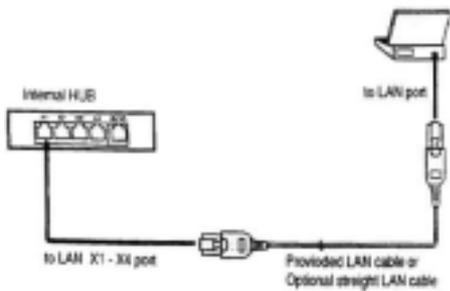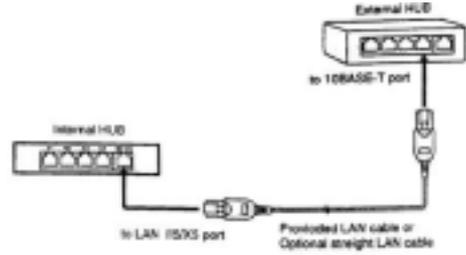
•   HUB   ,   HUB   LAN II5/X5
        .

5   ,   HUB

              X5(10BASE- T)   LAN 115/X5
        .
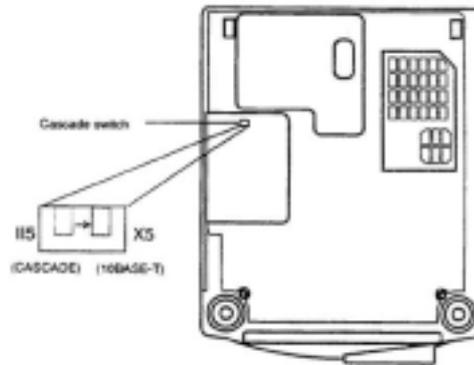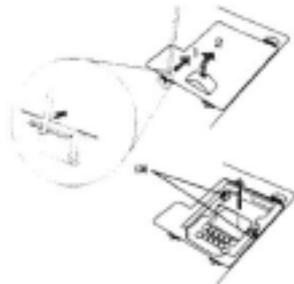
Cascade switch

II5   X5
(CASCADE)   (10BASE-T)

                                        ,
        .   .

- 18 -

LCD

off
stand- by   120   LCD

                                    1   .

1.

2.

3.   (+)

4.

5.

6.

(b)

7.

8.
9.

POWER

• 3   ,

•   2   TEMP

1500   .
                              1500   .
                              1000[*1]   ,
                                                        .(
              .)   14000[*1]   ,
, "LAMP!"   1
              1500[*1*2]   ,

1500   ,

[*1])INSTALLATION   LAMP MODE   STANDARD

[*2])LAMP MODE   LOW   ,   2000

:

.(   )

- , TEMP
  LAMP

Filter cover

1. , Ridged area

2.

3.
   - Filter

   Filter cover

4.

5.

:

-

-

:

	LCD
	X490U
	AC100-240V, 50-60Hz
	4.3A

LCD	1.3- LCD : 3 (R, G, B)
	    1024 x 768 = 786,432
	    2,359,296
	        : 99.99%

	16,770,000
	F 1.8-2.1 f=51-64mm
	300W SHP
	40-300 (4:3)
PC	: 640 x 400 - 1024 x 768 + Compressed 1280 x 1024 Sync on Green
	NTSC/NTSC 4.43/PAL(PAL-M,N)/SECAM, PAL-60 DVD( )/HDTV(1080i)/720p/(525p)
	3W
	6cm (8 3W) x 2
S-	Luminance : 1.0Vp-p 75 (negative sync.) Chroma : 0.286Vp-p 75 (burst)
	1.0Vp-p 75 (negative sync.)
	350mVrms, 10k
RGB (mini D-SUB 15P)	RGB: 0.7Vp-p 75 (negative sync.) YC$_B$C$_R$: Y: 1.0Vp-p (negative sync.) C$_B$C$_R$: 0.7Vp-p HD/CS: TTL (positive negative) VD: TTL (positive negative)
PC	350mVrms, 10k , 3.5mm
	(Mini DIN 8 female) RS-232C Mouse, Wired USB
HUB	10BASE-T 5 (CASCADE 1) LAN : IEEE 802.3
	305 x 148 x 385 mm (x x) .
	6.9kg
	114 (2.9m)
,	+41 (+5) 104 (+40), 30-90%

(X490　　　　DVI-D24P　　　　　　)

RS-232C (Mini DIN 8P)

PIN No.	NAME	I/O
1	TXD	IN
2	RTS	IN
3	DTR	IN
4	GND	–
5	CTS / 5V	IN/OUT
6	DCD / CLOCK	OUT
7	RXD	OUT
8	RI / DATA	OUT

COMPUTER IN (DVI-D24P)

PIN No.	SPEC	PIN No.	SPEC
1	DATA 2-	13	–
2	DATA 2+	14	+5V Power
3	DATA 2 Shield	15	Ground
4	–	16	Hot Plug Detect
5	–	17	DATA 0-
6	DDC Clock	18	DATA 0+
7	DDC Data	19	DATA 0 Shield
8	–	20	–
9	DATA 1-	21	–
10	DATA 1+	22	Clock Shield
11	DATA 1 Shield	23	Clock+
12	–	24	Clock-

COMPUTER IN/OUT (Mini D-SUB 15P)

PIN No.	SPEC
1	R/RED/Cr
2	G/GREEN/Y
3	B/BLUE/Cb
4	GND
5	GND
6	GND
7	GND
8	GND
9	–
10	GND
11	GND
12	–
13	HD/CS
14	VD
15	–

(mm)

2 AC	246C383-10	2 LAN	246C417-10
	246C383-20	1	939P878-10
1 Audio/Video	246C381-10	1	246C424-10
1 PC　RGB	246C394-10	1	871D340-10
1 RS-232C	246C366-10	1 Quick reference	857D033-10
1 PS/2	246C367-10	1 HUB	871D350-10
1 USB	246C413-10	2	-

(　/　　　　　　　　　　　.)

Spare marcury lamp　　　　499B028-10(VLT-X500LP)

Signal mode	resolution (H x V)	horizontal frequency (kHz)	Vertical frequency (Hz)	Normal mode (H x V)	Real mode (H x V)
TV60	–	15.73	59.94	1024 x 768	–
TV50	–	15.63	50.00	1024 x 768	–
1080i	–	33.75	60.00	1024 x 576	–
720p	–	45.00	60.00	1024 x 576	–
PC98	640 x 400	24.82	56.42	1024 x 640	640 x 400
CGA70	640 x 400	31.47	70.09	1024 x 640	640 x 400
CGA84	640 x 400	37.86	84.14	1024 x 640	640 x 400
CGA85	640 x 400	37.86	85.08	1024 x 640	640 x 400
VGA60	640 x 480	31.47	59.94	1024 x 768	640 x 480
VGA72	640 x 480	37.86	72.81	1024 x 768	640 x 480
VGA75	640 x 480	37.50	75.00	1024 x 768	640 x 480
VGA85	640 x 480	43.27	85.01	1024 x 768	640 x 480
SVGA56	800 x 600	35.16	56.25	1024 x 768	800 x 600
SVGA60	800 x 600	37.88	60.32	1024 x 768	800 x 600
SVGA72	800 x 600	48.08	72.19	1024 x 768	800 x 600
SVGA75	800 x 600	46.88	75.00	1024 x 768	800 x 600
SVGA85	800 x 600	53.67	85.06	1024 x 768	800 x 600
XGA43i	1024 x 768	35.52	86.96	1024 x 768	1024 x 768
XGA60	1024 x 768	48.36	60.00	1024 x 768	1024 x 768
XGA70	1024 x 768	56.48	70.07	1024 x 768	1024 x 768
XGA75	1024 x 768	60.02	75.03	1024 x 768	1024 x 768
XGA85	1024 x 768	68.68	85.00	1024 x 768	1024 x 768
SXGA70a	1152 x 864	63.85	70.01	1024 x 768	1024 x 768
SXGA75a	1152 x 864	67.50	75.00	1024 x 768	1024 x 768
SXGA85a	1152 x 864	77.49	85.06	1024 x 768	1024 x 768
SXGA60b	1280 x 960	60.00	60.00	1024 x 768	1024 x 768
SXGA75b	1280 x 960	75.00	75.00	1024 x 768	1024 x 768
SXGA43i	1280 x 1024	46.43	86.87	1024 x 768	1024 x 768
SXGA60	1280 x 1024	63.98	60.02	1024 x 768	1024 x 768
SXGA75	1280 x 1024	79.98	75.03	1024 x 768	1024 x 768
SXGA85	1280 x 1024	91.15	85.02	1024 x 768	1024 x 768
MAC13	640 x 480	35.00	66.67	1024 x 768	640 x 480
MAC16	832 x 624	49.72	74.55	1024 x 768	832 x 624
MAC19	1024 x 768	60.24	75.02	1024 x 768	1024 x 768
MAC21	1152 x 870	68.59	74.96	1024 x 768	1024 x 768
HP75	1024 x 768	62.94	74.92	1024 x 768	1024 x 768
HP72	1280 x 1024	78.13	72.00	1024 x 768	1024 x 768
SUN66a	1152 x 900	61.85	66.00	1024 x 768	1024 x 768
SUN76a	1152 x 900	71.81	76.63	1024 x 768	1024 x 768
SUN66	1280 x 1024	71.68	66.68	1024 x 768	1024 x 768
SUN76	1280 x 1024	81.13	76.11	1024 x 768	1024 x 768
SGI72	1280 x 1024	76.92	72.30	1024 x 768	1024 x 768
SGI76	1280 x 1024	82.00	76.00	1024 x 768	1024 x 768
IBM60	1280 x 1024	63.42	60.00	1024 x 768	1024 x 768

• FEATURE   EXPAND MODE

          EXPAND

          1024x768

          :

•
•   1024x768
  1024x768

• G(Green)   SYNC
• G(Green)   SYNC

•

• RGB   HDTV   , SIGNAL
     COMPUTER INPUT   RGB   .
• SXGA   ,   .
          , SIGNAL   TRACKING   .
• 525p   ,   SIGNAL
     USER   .   TRACKING   .
     HORIZ.POSITION..............................139
     VERT.POSITION...............................48
     TRACKING...800
     COMPUTER INPUT........................YC$_B$C$_R$/YP$_B$P$_R$
     CLAMP POSITION...........................+ 9
     CLAMP WIDTH...............................3
     HORIZ.PIXELS...................................624
     VERT.LINES.....................................456
     VERT.SYNC....................................ON
     HOLD..ON
     BEGIN - 1
                                   END   8