



COMPACTVIEW CLAN

USER MANUAL

X15-I

X30-I

SX15-I

SX30-I



X15-E

X30-E

SX15-E

SX30-E

© 2002 3D Perception AS All rights reserved.

The copyright of this document is the property of 3D Perception AS. The document is supplied on the express terms that it is to be treated as confidential. No part of this document may be reproduced or transmitted in any form or by any means, electronic or mechanical for any purpose, without the express written permission of 3D Perception AS. The information in this document is subject to change without notice and is provided 'AS IS'.

DOCUMENT STATUS

Revision	Month Year	Paragraph(s)	Prepared by	Description of Change
1	December 2002	All	A F Rotheram H Andersen	Initial release
2	January 2003	All	A F Rotheram	Customise for first print
3	May 2004	13	A F Rotheram	Ceiling mount flanges

3D Perception COMPACTVIEW CLAN Projector and Accessories



COMPACTVIEW CLAN Projector



Remote Control and batteries

Cables

VGA male Blue - VGA male Blue, 2m
DVI-I male White - DVI-I male White, 2m
A/V Cable 3 x Phono – Phono + 3,3mm stereo jack, 2m
S-Video Mini DIN 4 pin male - Mini DIN 4 pin male, 2m
Sound Cable 3,5mm stereo jack - 3,5mm stereo jack, 2m
USB A – USB B, 2m
Communication Cable 6' spiral with RJ12 connectors
Power cord, 3m (European)
Power cord, 3m (US)

TABLE OF CONTENTS

1.	BEFORE YOU START	1
1.1	Accessories	1
1.2	Cables	1
1.3	Other accessories	1
2.	INTRODUCTION	2
3.	SAFETY	3
3.1	Safety	3
3.2	Safety Instructions	3
4.	BEFORE SET-UP AND USE	4
5.	OVERVIEW	5
6.	KEYPAD	6
7.	STATUS	7
8.	REMOTE CONTROL	8
9.	CONNECTOR PANEL	9
10.	SET-UP	10
10.1	Set-up computer	10
10.2	Set-up Video	11
11.	GCM - GEOMETRY CORRECTION MODULE	12
11.1	Connecting multiple projectors	12
12.	FOCUS AND ZOOM	13
12.1	Focus	13
12.2	Zoom	13

13.	MOUNTING THE PROJECTOR	14
13.1	To a Ceiling Mount.....	14
13.2	To a Tabletop.....	15
14.	USING THE PROJECTOR	16
15.	MENU SYSTEM	17
15.1	Picture Sub-menu	18
15.2	Advanced Sub-menu.....	19
15.3	Audio Sub-menu.....	20
15.4	Set-up Sub-menu	21
15.5	Utilities Sub-menu	22
16.	MAINTENANCE	23
17.	LAMP REPLACEMENT	24
17.1	Remove old lamp.....	24
17.2	Insert New Lamp	25
18.	SERVICE INFORMATION	26
19.	TECHNICAL DATA.....	27
19.1	General.....	27
19.2	Optics.....	27
19.3	Video	27
20.	COVERS	28
20.1	Cable cover	28
20.2	Airflow cover.....	28
21.	LIMITED WARRANTY, ‘FCC STATEMENT’ AND ‘TRADEMARKS COPYRIGHT’	29
22.	CONTACT US.....	31

1. BEFORE YOU START

Thank you for choosing a 3D Perception **COMPACTVIEW CLAN** projector

1.1 Accessories

Please take a few minutes to ensure that your **COMPACTVIEW CLAN** projector pack contains all the necessary parts as listed on the Accessories Page.

1.2 Cables

Please take a few minutes to make sure that your **COMPACTVIEW CLAN** projector pack contains all the necessary cables, as listed on the Accessories Page.

1.3 Other accessories

Please refer to our website at www.3d-perception.com

2. INTRODUCTION

The **COMPACTVIEW CLAN** of projectors are the ultimate in high-resolution projectors when projection on to flat, curved or double curved screens with multiple projectors is the requirement.

The **COMPACTVIEW CLAN** of projectors are compatible with most data and video sources, both analogue and digital, and provide the user with outstanding features such as:

- High resolution
- High brightness
- High contrast
- Geometry correction functionality
- Edge blending functionality
- Compact, low weight
- Low noise
- Single Chip DLP technology
- Desktop and ceiling-mountable

This user guide contains important information about safety precautions and the set-up and use of the projector.

Please read the manual carefully before you operate the projector.

The specifications and functionality of the product may change without prior notice.

3. SAFETY

3.1 Safety

This device complies with relevant safety regulations for data processing equipment for use in an office environment.

Before using the projector for the first time, please read the safety instructions thoroughly.

3.2 Safety Instructions

Use only the cables and cords supplied with the projector or original replacement cables. Using other cables or cords may lead to malfunction and permanent damage of the projector

Only ever open the projector to change the lamp. The projector contains no other user serviceable parts. Refer all repairs to qualified personnel only.

When changing the lamp always replace it with a lamp of the same type and rating.

Make sure that no objects enter into the vents and openings of the set. Do not spill any liquids on the projector or into the vents or openings of the projector.

Do not look into the projection lens when the projector is switched on. The strong light may permanently damage sight.

Do not look into the laser beam when activated on the remote control. Laser light may permanently damage sight. Do not point the laser beam at other people.

Place the projector on a stable surface, or mount it securely using an approved ceiling-mount.

Do not drop the projector.

Always operate the projector horizontally. Operating the projector in other positions may reduce the lamp life significantly, and may lead to overheating, resulting in malfunctioning.

Always allow ample airflow through the projector. Never block any of the air vents. Never cover the projector in any way while it is running. Allow for sufficient distance to walls and ceilings to avoid overheating.

The projector is designed for indoor use only. Never operate it outdoors.

Do not operate the projector outside its temperature and humidity specifications, as this may result in overheating and malfunctioning.

Only connect the projector to signal sources and voltages as described in the technical specification. Connecting to unspecified signal sources or voltages may lead to malfunction and permanent damage of the projector.

4. BEFORE SET-UP AND USE

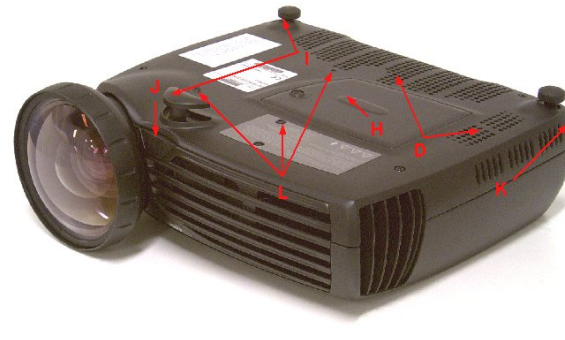
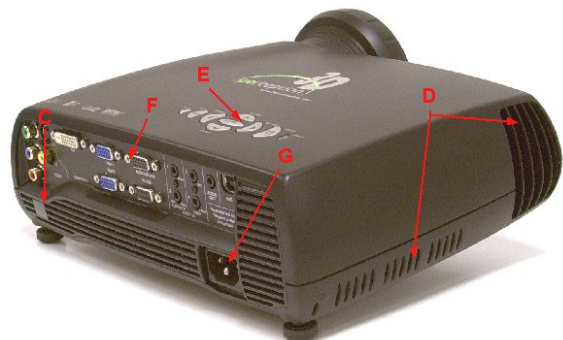
Be sure you have read the Safety Instructions in chapter 3 before proceeding with the set-up and use of the **COMPACTVIEW CLAN** projector.

Unpack the supplied parts and familiarize yourself with the various components.

Remove the lens cap from the projection lens. If you switch the projector on with the lens cap in place, the lens cap may melt, damaging not only the lens cap itself, but also the projection lens and surrounding parts.

5. OVERVIEW

- | | |
|-------------------------------------|-----------------------------|
| A. Focus ring | H. Lamp house |
| B. Zoom ring (optional lens) | I. Adjustable foot |
| C. IR sensor | J. Foot release |
| D. Ventilation | K. Security lock |
| E. Keypad | L. Ceiling Mount |
| F. Connector panel | M. Control Chain In |
| G. Power connector | N. Control Chain Out |



6. KEYPAD

POWER

Switch the projector on and off.

AUTO

Automatically detect and synchronize to the signal source selected.

MENU

Activate the menu system. Use the four arrow keys and Enter to navigate and to activate.

SELECT/KEystone

Select menu option when the menu system is activated. When the menu system is not in use the menu button will activate the keystone correction. Use the four arrow keys to adjust horizontally and vertically.

VOLUME +/-

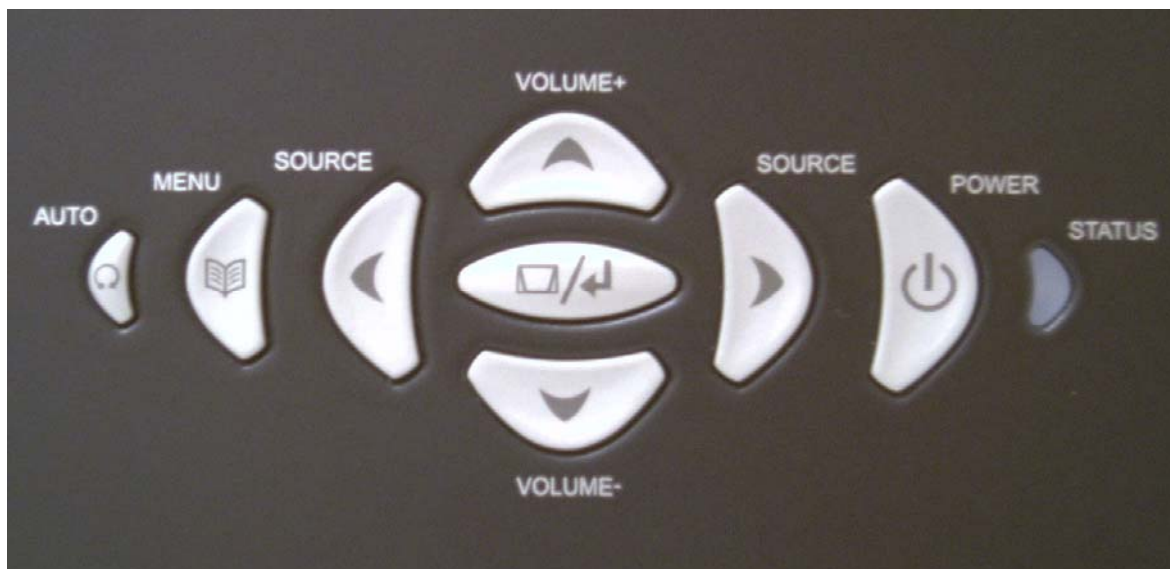
Use these two arrow keys to adjust the volume when the keystone correction and the menu system are not activated.

SOURCE

Use these two arrow keys to select the source when the keystone correction and the menu system are not activated.

STATUS

This is not a key. The LED indicates the current projector status. See chapter **Status** for details.



7. STATUS

GREEN LIGHT

A permanent GREEN light indicates the projector is turned on



YELLOW LIGHT

A permanent YELLOW light indicates the projector is either switched off or is in stand-by mode.



YELLOW LIGHT FLASHING

A flashing yellow light indicates wait. The yellow light will flash for a period of 10 -15 seconds after the power cord is connected and for a period of 45 seconds after the projector has been turned off.



RED LIGHT

A permanent RED light indicates it is time to change the projection lamp. Failure to change the lamp may lead to the lamp exploding.

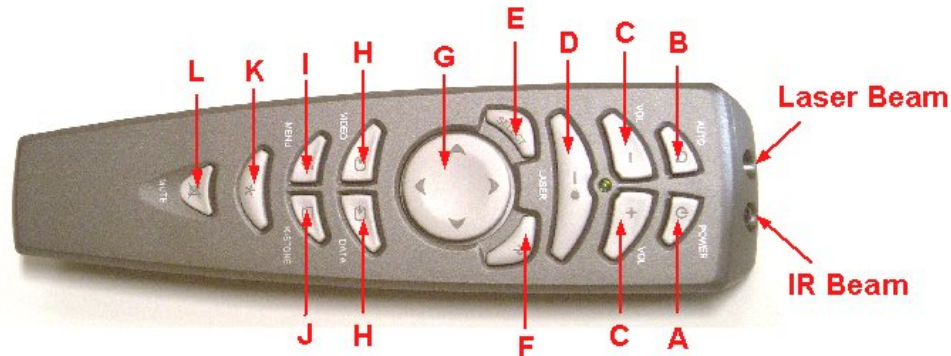


RED LIGHT FLASHING

A flashing RED light indicates the projector is overheated. Turn the projector off immediately. Check if any air inlets are covered or if the ambient temperature is outside specifications. Do not remove the power cord.



8. REMOTE CONTROL



A. POWER

Switch the projector on and off.

B. AUTO

Synchronize to the source selected.

C. VOLUME +/-

Use these two keys to adjust the volume.

D. LASER

Activates the laser beam pointer. Do not stare into the laser beam or point it at people!

E. L-SELECT

The left mouse key. Also used to select option when in the menu system.

F. R

The right mouse key.

G. PAD

Used for various functions such as mouse control, keystone correction and menu navigation.

H. VIDEO/ DATA

Use these two keys to select source.

I. MENU

Activates the menu system. Use the PAD (G) to navigate and SELECT (E) to activate.

J. KEYSTONE

Activates the keystone correction. Use the PAD (G) to adjust horizontally and vertically.

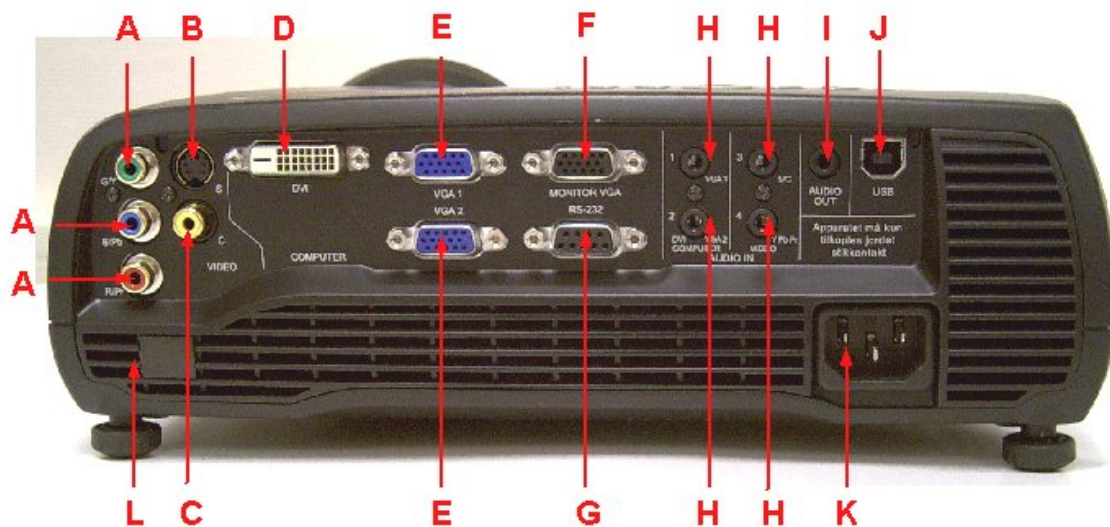
K. *

Not in use

L. MUTE

Deactivates sound.

9. CONNECTOR PANEL



- | | |
|--------------------------------|------------------------------------|
| A. Component video In | G. RS 232 control (E version only) |
| B. Super video In | H. Audio line In (x 4) |
| C. Composite video In | I. Audio Out |
| D. DVI - Digital RGB | J. USB interface |
| E. VGA - Analogue RGB In (x 2) | K. Mains power connector |
| F. VGA - Analogue RGB Out | L. IR Receiver rear |

10. SET-UP

Before any set-up, switch off all equipment.

10.1 Set-up computer

The projector may be connected to up to three computer sources simultaneously, using the VGA 1, VGA 2 and DVI inputs.

A VGA monitor may be attached to the MONITOR VGA output (for VGA 1 and VGA 2 inputs only, will not work for DVI or other video inputs).

Sound may be connected for up to two computer sources simultaneously, one for VGA 1 (AUDIO 1), the other for VGA 2 or DVI (AUDIO 2).

Audio output for an external sound system is available through AUDIO OUT. Connecting to AUDIO OUT will automatically deactivate the internal loudspeakers.

Connect the USB cable to allow for remote mouse control.

Connect the power cord.



10.2 Set-up Video

Before set-up, switch off all equipment.

Three video sources may be connected, using the R/Pr, G/Y, B/Pb (component), S (super video) and C (composite video) inputs.

Sound may be connected for up to two video sources simultaneously, one for super or composite video (AUDIO 3), the other for component video (VIDEO 4).

Audio output for an external sound system is available at the AUDIO OUT connector. When connecting to an external audio system, the internal loudspeakers are automatically deactivated.

Connect the power cord. The LED will flash several times before the projector can be switched On.

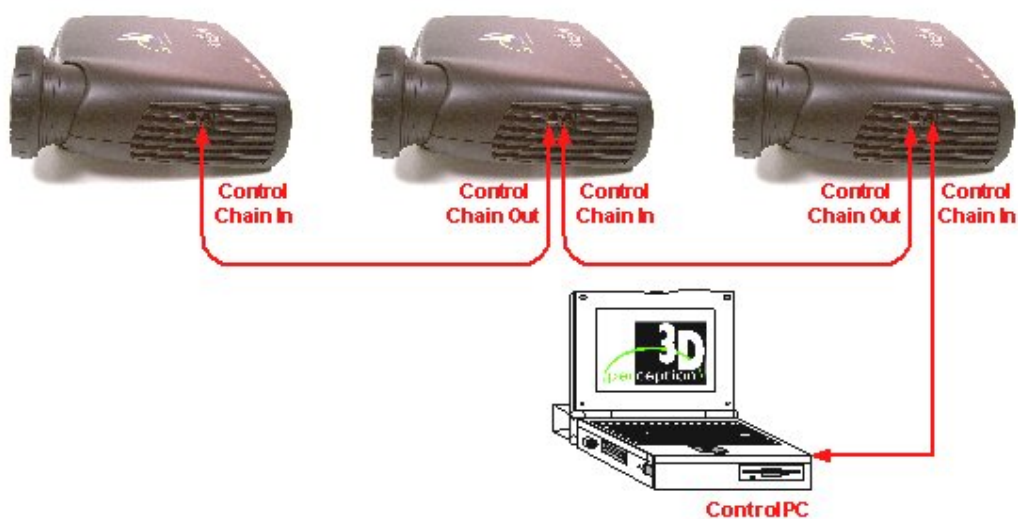
11. GCM - GEOMETRY CORRECTION MODULE

Connect the Control PC (running CompactDesigner or CompactControl) to the projectors 'Control chain In' port. The supplied 6 lead cable plugs into the Control PC's serial port using a RJ12 6 pin to serial DB-9 female adapter.



11.1 Connecting multiple projectors

Multiple projectors may be connected together in a 'daisy chain' by using the input and output ports on each projector. From the first projector, another 6 lead cable connects between the 'Control Chain Out' port and the 'Control Chain In' port of the second projector. This chain can be extended up to the theoretical limit of 255 projectors in a single chain.



12. FOCUS AND ZOOM

12.1 Focus

Turn the Focus ring (A) on the projection lens to get a correctly focused image.



12.2 Zoom

Turn the Zoom ring (B) on the projection lens to zoom In and Out. (This is only available on the optional intermittent and long throw lens.)

If the desired image size cannot be achieved by adjusting the zoom ring, relocate the projector nearer or farther away from the projection screen and re-try.



13. MOUNTING THE PROJECTOR

13.1 To a Ceiling Mount

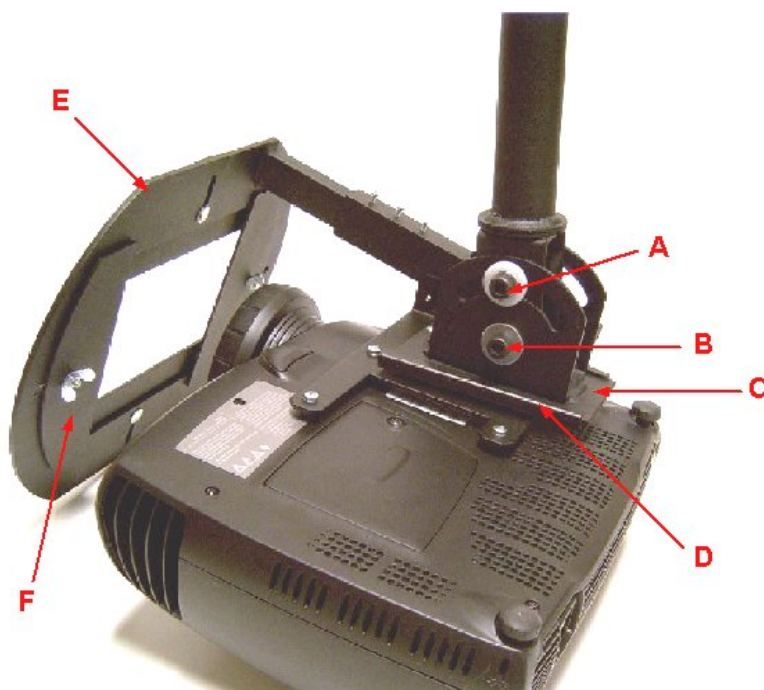
The projector can be ceiling mounted using any approved UL tested/listed ceiling mount fixture with a minimum weight capacity of 12 kg (26 lbs).

The ceiling mount obtainable through 3D Perception (as illustrated below) is only approved for **COMPACTVIEW CLAN** projectors.

For the ceiling mount use M4 screw.

For proper ventilation, the minimum distance from the ceiling/rear wall should be 30 - 50 cm, (12 - 20 inches).

The specifications and functionality of the product may change without prior notice.



- | | | | |
|---|---------------------------------------|---|---------------------|
| A | Locking screw for vertical adjustment | D | Housing for slide |
| B | Locking nut for horizontal adjustment | E | Night aperture |
| C | Slide | F | Adjustable flanges* |

* Adjustable Flanges are not provided with the ceiling mount, they have to be manufactured by individual users to their particular required shapes

13.2 To a Tabletop

The projector may be mounted or sited directly onto a tabletop.

To adjust the projected image to the desired height on the screen, eject the front foot (C) by pressing the release button (D), and adjust the angle to the right position.

To get an image level with the screen, turn the rear feet (E) to the right position.



14. USING THE PROJECTOR

After set-up, switch on all equipment.

To switch the projector on, firmly press the POWER button on the keypad or the remote control. The STATUS indicator will turn from yellow to green when the projector is switched on.

When only one source is connected, the projector will auto-detect the source. If more sources are connected, the projector will display the source with the highest priority according to the following list:

- VGA 1
- VGA 2
- DVI
- Component
- Super video
- Composite video

Sound will follow the selected source. Select between the sources by pressing the SOURCE buttons on the keypad or the remote control. Only sources that are active will be displayed.

If no source is active, the message “searching” will appear on the screen.

If no source is active for a long time, the projector will go into the standby mode. The projector will be switched on if at least one source is activated/re-activated. Can be disabled in the menu. See DPMS in the set up sub menu.

To switch the projector off, firmly press the POWER button on the keypad or the remote control. The STATUS indicator will turn from green to flashing yellow, then to yellow when switched off.

15. MENU SYSTEM

The menu system gives access to a multitude of image and system controls.

The menu system is structured through a top menu with several sub menus. The sub menus will vary depending on the actual source selected.

Top Menu

picture:

Basic picture controls

advanced:

Advanced picture controls

audio:

Sound controls

set up:

General projector controls

utilities:

System controls and information



15.1 Picture Sub-menu

brightness:

Adjust the brightness

contrast:

Adjust the contrast

color:

Adjust the colour saturation

tint:

Adjust the video colour shade

sharpness:

Adjust the video sharpness

freeze frame:

Lock the image

scaling:

Select the image format

gamma:

Optimize the image gamma

Video



VGA



DVI



15.2 Advanced Sub-menu

h position:

Moves the image sideways

v position:

Moves the image up and down

color temp:

Changes the colour temperature

custom colour:

Defines the custom colour temperature

video format:

Select between manual or auto (video only)

video type:

Select between video types; DVD and VCR (video only)

phase:

Adjust for a stable image (computer only)

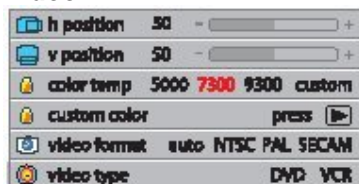
frequency:

Adjust the image width (computer only)

sharpness:

Adjust the sharpness of images

Video



VGA



DVI



15.3 Audio Sub-menu

volume:

Adjust the sound volume

bass:

Adjust the bass level

treble:

Adjust the treble level

mute:

Switch the sound on and off



15.4 Set-up Sub-menu

keystone V:

Adjust the vertical keystone correction

keystone H:

Adjust the horizontal keystone correction

DPMS:

Activate/de-activate DPMS: Display Power Management Signalling

source scan:

Switch the source scan on and off

orientation:

Select between desktop front, desktop rear, ceiling front and ceiling rear mode

OSD:

Select the placement of the On Screen Display

language:

Select between languages

source info:

Displays the source format



15.5 Utilities Sub-menu

OSD timeout:

Defines how long OSD is displayed after last action

OSD background:

Select the background mode

reset:

Resets the projector to the factory default settings

service menu:

For service personnel only

lamp reset:

Reset the lamp after a lamp change

OSD:

Turn On/Off the On Screen Display during source scan

software version

Displays the current software version

lamp on time:

Displays the lamp on time in hours and minutes

OSD timeout	50	seconds
OSD background	opaque	translucent
reset	press	[enter]
service menu	press	[enter]
lamp reset	press	[enter]
OSD	on	off
software version	0001-003	
lamp on time	0:35	

16. MAINTENANCE

The projector may from time to time require cleaning. Never open the projector, as this will void any warranties. Refer all service and repair work to qualified personnel.

Only the exterior of the projector may be cleaned. Use a damp cloth. Make sure no liquids enter the inside of the projector

Vacuum-clean all the air vents regularly to maintain sufficient air flow.



The projection lens is sensitive to scratches. Use lens-cleaning tissue, available at all photographic shops when cleaning the projection lens. Use lens cap when not in use.



17. LAMP REPLACEMENT

The STATUS lamp on the keypad will turn red when the lamp life expires. In addition, a message will appear on the screen; "LAMP LIFE TIME HAS EXPIRED! Please change lamp."

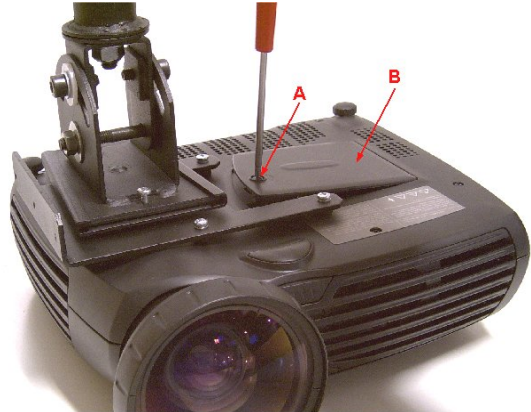
17.1 Remove old lamp

Change the lamp when its lifetime expires. Always replace the lamp with the same type and rating.

Always disconnect the power cord and wait until the projector has cooled down (60 minutes) before opening the lamp cover.

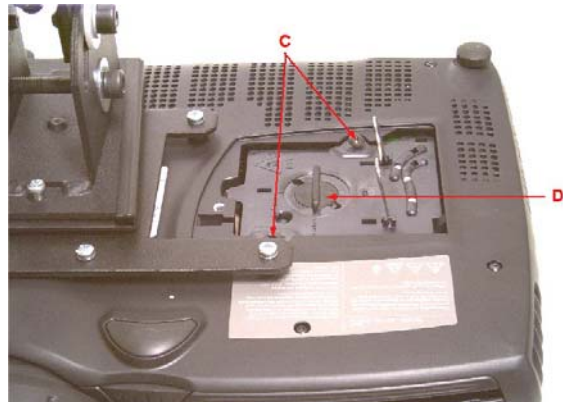
Release the screw (A).

Remove the lamp cover (B).



Release the screws on the lamp house (C).

Turn the lamp knob (D) counter clockwise to the unlocked position.



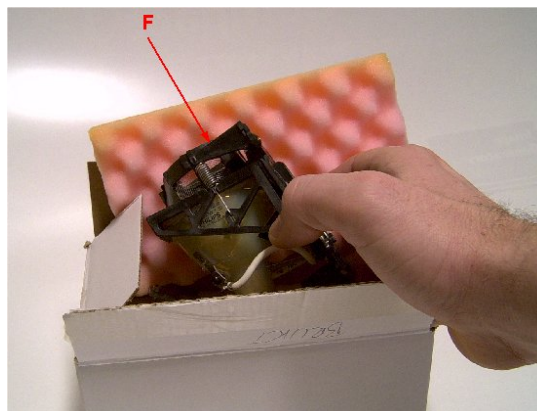
Pull the handle (E).

Remove the lamp house (F).



17.2 Insert New Lamp

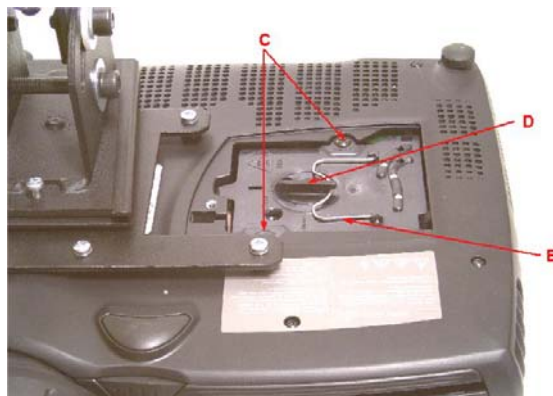
Replace the lamp house (F)



Tighten the screws (C)

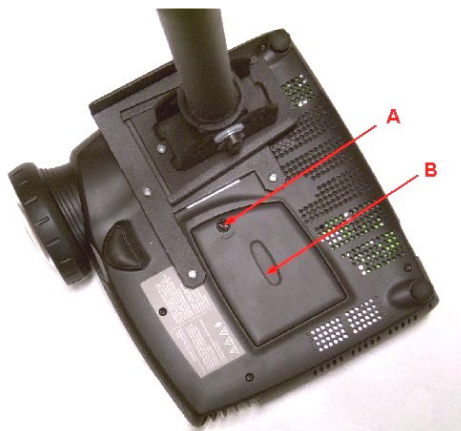
Fold the handle (E) in place.

Turn the lamp knob (D) clockwise to the locked position.



Replace the lamp cover (B) and tighten the screw (A).

In the "utilities" sub menu, reset the lamp timer.



18. SERVICE INFORMATION

This product contains no user-serviceable parts.

If the product fails to function as expected, first check that all connections are properly made, and that the power cord is properly connected.

Check that the projector and the video and computer sources are all switched on.

Cables and cords may break over time. Try changing the cables and cords in case there is a bad or intermittent connection.

Check if the circuit breaker or the fuse of the mains is intact.

In the event of product failure, please contact your reseller. You should prepare a description of the symptoms of failure you experience. Also state the projector number and serial number as printed on the label on the bottom of the projector.

19. TECHNICAL DATA

19.1 General

CompactView	X15-I	X15-E	X30-I	X30-E	SX15-I	SX15-E	SX30-I	SX30-E
Native Resolution	1024 X 768	1024 X 768	1024 X 768	1024 X 768	1280 X 1024	1280 X 1024	1280 X 1024	1280 X 1024
Aspect Ratio Native	4 : 3	4 : 3	4 : 3	4 : 3	5 : 4	5 : 4	5 : 4	5 : 4
Aspect Ratio Compatible	16 : 9	16 : 9	16 : 9	16 : 9	16 : 9 / 4 : 3	16 : 9 / 4 : 3	16 : 9 / 4 : 3	16 : 9 / 4 : 3
Light Output ANSI (Nom)	1400	1400	2500	2500	1400	1400	2500	2500
Contrast Ratio On/Off	>1600:1	>1600:1	>1600:1	>1600:1	>900:1	>900:1	>900:1	>900:1
Warping	Internal	CompactUTM	Internal	CompactUTM	Internal	CompactUTM	Internal	CompactUTM
Warping control	RS-232	N/A	RS-232	N/A	RS-232	N/A	RS-232	N/A
Rotate, Flip, Mirror	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
DLP Double Data Rate	Dark Metal	Dark Metal	Dark Metal	Dark Metal	Dark Metal	Dark Metal	Dark Metal	Dark Metal
Mirror Angle	12	12	12	12	10	10	10	10
Lamp UHP (W)	250	250	250	250	250	250	250	250
Lamp Life Hours	2000	2000	2000	2000	2000	2000	2000	2000
Power voltage(V)	90-220	90-220	90-220	90-220	90-220	90-220	90-220	90-220
Frequency (Hz)	50-60	50-60	50-60	50-60	50-60	50-60	50-60	50-60
Power consumption (W)	370	370	370	370	370	370	370	370
Noise level (dB)	< 30	< 30	< 30	< 30	< 30	< 30	< 30	< 30
Dimensions (mm)	278 x 278 x 105	278 x 278 x 105	278 x 278 x 105	278 x 278 x 105	278 x 278 x 105	278 x 278 x 105	278 x 278 x 105	278 x 278 x 105
Dimension Inches (App.)	11 x 11 x 4	11 x 11 x 4	11 x 11 x 4	11 x 11 x 4	11 x 11 x 4	11 x 11 x 4	11 x 11 x 4	11 x 11 x 4
Weight (Kg)	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
Weight (lb)	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
Conformance	CE, UL, FCC/A	CE, UL, FCC/A	CE, UL, FCC/A	CE, UL, FCC/A	CE, UL, FCC/A	CE, UL, FCC/A	CE, UL, FCC/A	CE, UL, FCC/A

19.2 Optics

CompactView	X15-I	X15-E	X30-I	X30-E	SX15-I	SX15-E	SX30-I	SX30-E
Standard Lens - Wide Angle	1 : 1.25	1 : 1.25	1 : 1.25	1 : 1.25	1 : 1	1 : 1	1 : 1	1 : 1
Throw Distance (m)	1.5 - 10	1.5 - 10	1.5 - 10	1.5 - 10	1.5 - 10	1.5 - 10	1.5 - 10	1.5 - 10
Keystone angle (degrees)	20.6	20.6	20.6	20.6	25.8	25.8	25.8	25.8
Optional Lens - Intermittent Throw	1 : 2.2 - 2.8	1 : 2.2 - 2.8	1 : 2.2 - 2.8	1 : 2.2 - 2.8	1 : 1.75 - 2.25	1 : 1.75 - 2.25	1 : 1.75 - 2.25	1 : 1.75 - 2.25
Throw Distance (m)	1.5 - 10	1.5 - 10	1.5 - 10	1.5 - 10	1.5 - 10	1.5 - 10	1.5 - 10	1.5 - 10

19.3 Video

CompactView	X15-I	X15-E	X30-I	X30-E	SX15-I	SX15-E	SX30-I	SX30-E
Bandwidth RGB	205 MHz	205 MHz	205 MHz	205 MHz	205 MHz	205 MHz	205 MHz	205 MHz
Bandwidth DVI	165 MHz	165 MHz	165 MHz	165 MHz	165 MHz	165 MHz	165 MHz	165 MHz
Bandwidth Component	75 MHz	75 MHz	75 MHz	75 MHz	75 MHz	75 MHz	75 MHz	75 MHz
Framesync / Input Lock	48 - 62	48 - 62	48 - 62	48 - 62	48 - 62	48 - 62	48 - 62	48 - 62
Input signals	2 X VGA 1 X DVI 1 X Component 1 x S Video	2 X VGA 1 X DVI 1 X Component 1 x S Video	2 X VGA 1 X DVI 1 X Component 1 x S Video	2 X VGA 1 X DVI 1 X Component 1 x S Video	2 X VGA 1 X DVI 1 X Component 1 x S Video	2 X VGA 1 X DVI 1 X Component 1 x S Video	2 X VGA 1 X DVI 1 X Component 1 x S Video	2 X VGA 1 X DVI 1 X Component 1 x S Video
Computer Compatibility	UXGA, SXGA, SXGA +, XGA, SVGA	UXGA, SXGA, SXGA +, XGA, SVGA	UXGA, SXGA, SXGA +, XGA, SVGA	UXGA, SXGA, SXGA +, XGA, SVGA	UXGA, SXGA, SXGA +, XGA, SVGA	UXGA, SXGA, SXGA +, XGA, SVGA	UXGA, SXGA, SXGA +, XGA, SVGA	UXGA, SXGA, SXGA +, XGA, SVGA
Video Compatibility	HDTV 1080i, 720p, 576 i/p 480 i/p Full NTSC NTSC 4,43, PAL PAL-M PAL-N SECAM,	HDTV 1080i, 720p, 576 i/p 480 i/p Full NTSC NTSC 4,43, PAL PAL-M PAL-N SECAM,	HDTV 1080i, 720p, 576 i/p 480 i/p Full NTSC NTSC 4,43, PAL PAL-M PAL-N SECAM,	HDTV 1080i, 720p, 576 i/p 480 i/p Full NTSC NTSC 4,43, PAL PAL-M PAL-N SECAM,	HDTV 1080i, 720p, 576 i/p 480 i/p Full NTSC NTSC 4,43, PAL PAL-M PAL-N SECAM,	HDTV 1080i, 720p, 576 i/p 480 i/p Full NTSC NTSC 4,43, PAL PAL-M PAL-N SECAM,	HDTV 1080i, 720p, 576 i/p 480 i/p Full NTSC NTSC 4,43, PAL PAL-M PAL-N SECAM,	HDTV 1080i, 720p, 576 i/p 480 i/p Full NTSC NTSC 4,43, PAL PAL-M PAL-N SECAM,

20. COVERS

20.1 Cable cover

Loosen the rear adjustable feet by unscrewing them.

Align the vertical hooks on the cover with the guides on the rear of the projector.

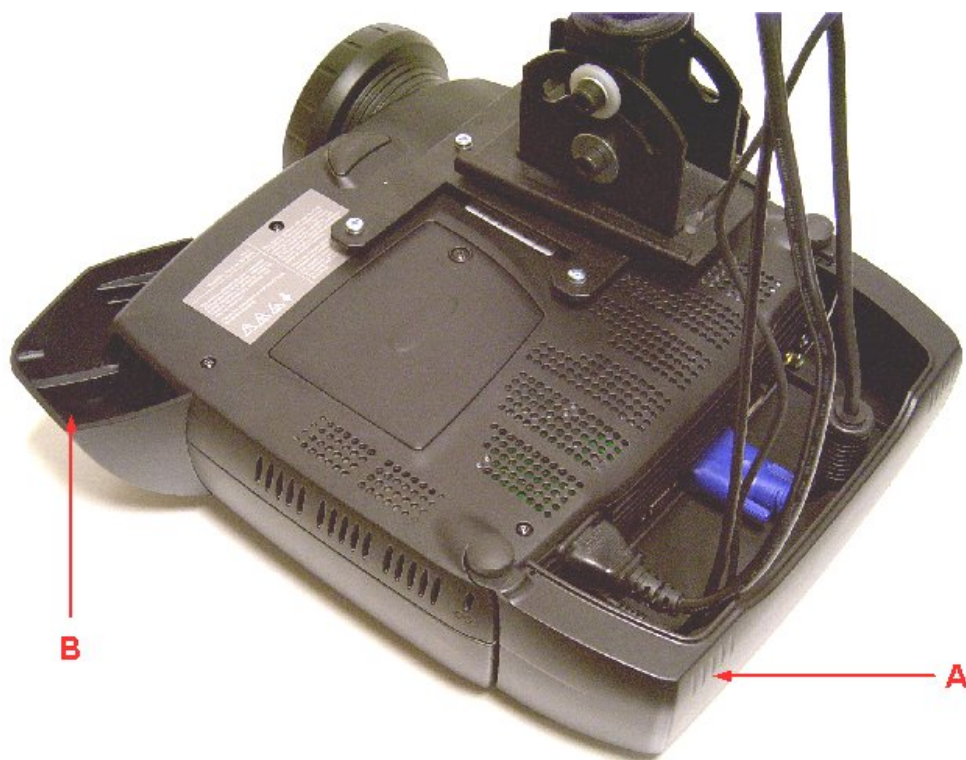
Snap the cover into place with the lower guides clamping the rear feet.

Tighten the rear feet to fix the cable cover (A) in place.

Tip: Connect all cables and fix them in place before the cable cover (A) is attached to the projector.

20.2 Airflow cover

Affix Airflow cover (B).



21. LIMITED WARRANTY, 'FCC STATEMENT' AND 'TRADEMARKS COPYRIGHT'

Limited Warranty

Except as otherwise stated herein, 3D Perception warrants that a **COMPACTVIEW CLAN** projector is free from defects in parts and labour under normal use during the warranty period. The warranty period means the 12-month period from the date of purchase of a **COMPACTVIEW CLAN** projector.

During the warranty period, 3D Perception will, at its option and in its sole discretion, repair or replace defective parts, including replacement of the entire **COMPACTVIEW CLAN** projector, at no additional charge to the Customer. However, the Customer is responsible for all shipping and insurance costs incurred in returning any **COMPACTVIEW CLAN** projector to the Customer which does not require any repair or replacement work, as determined by 3D Perception in its sole discretion. This limited warranty does not extend to any 3D Perception product that has been damaged as a result of accident, misuse, or abuse. Nor does it extend to the use of parts not manufactured or sold by 3D Perception, by unauthorised modification of a **COMPACTVIEW CLAN** projector, or as a result of servicing by unauthorised personnel. This limited warranty extends only to the Customer, and is not transferable or applicable to any other third party or user, including any one who purchases a used **COMPACTVIEW CLAN** projector. Any person asserting a claim under this limited warranty must establish to 3D Perception' satisfaction the date of purchase and that a **COMPACTVIEW CLAN** projector was purchased new.

Other warranty and liability limitations

Aside from this standard published warranty, 3D Perception makes no warranty of any kind, express or implied, including without limitation, those of merchantability and of fitness for a particular purpose. Without limiting the generality of the foregoing, any description of a **COMPACTVIEW CLAN** projector is for the sole purpose of identifying it, is not part of the basis of any bargain, and does not constitute a warranty that the item sold shall conform to that description. The use of any sample or model is for illustrative purposes only, it is not part of the basis of any bargain, and it is not to be construed as a warranty that a **COMPACTVIEW CLAN** projector will conform to the sample or model.

No affirmation of fact or promise made by 3D Perception shall constitute a warranty that a **COMPACTVIEW CLAN** projector will conform to the affirmation or promise. 3D Perception makes no warranty that the goods are free from claims of infringement of patents, trademarks, or copyrights. This limited warranty shall be the exclusive remedy. 3D Perception shall not be liable to customers or others for incidental, consequential, or special damages, or lost profits. Under no circumstance shall 3D Perception liability or customer's remedy for damages against 3D Perception exceed its cost for a **COMPACTVIEW CLAN** projector.

Procedure for claims

Any and all questions or claims concerning a **COMPACTVIEW CLAN** projector shall be made to 3D Perception authorised personnel through the VAR from whom the **COMPACTVIEW CLAN** projector was purchased. In no case shall a **COMPACTVIEW CLAN** projector be returned without first securing the authority of 3D Perception or its authorised personnel. Any damages to, defects in, loss of, non conformities in, or any other claim concerning a **COMPACTVIEW CLAN** projector which could be discovered by inspection upon delivery must be reported to the delivering carrier, and in writing to 3D Perception at: the following address, promptly and in no event later than thirty (30) days after delivery.

3D Perception AS
Solbråveien 41
P.O. Box 455
N-1373 Asker
Norway

In the case of any such claim, inspection shall be promptly arranged with 3D Perception or it's authorised personnel, and where appropriate, representatives of the carrier. Any other claim or action respecting the condition or conformity of a **COMPACTVIEW CLAN** projector or any other matter affecting a **COMPACTVIEW CLAN** projector must be submitted in writing to 3D Perception promptly upon discovery and in no event later than expiration of the Warranty Period. Any part of a **COMPACTVIEW CLAN** projector which is subject of any claim shall be set aside and protected, without further processing or use, until 3D Perception or its authorised personnel have an opportunity to inspect it and advise the Customer of the disposition, if any to be made thereof. Failure to give timely written notice of any claim shall bar any remedy.

Technical advice

3D Perception, or its authorised personnel, may furnish technical advice with reference to the use of a **COMPACTVIEW CLAN** projector, but there is no obligation to furnish such advice. If any advice or assistance is furnished, it shall be given and accepted at Customer's risk, 3D Perception shall not be responsible or liable for the advice or assistance given or the results thereof.

FCC Statement

A **COMPACTVIEW CLAN** projector has been tested and found to comply with the limits for a 'Class A' digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference when it is operated in a commercial environment. A **COMPACTVIEW CLAN** projector generates, uses and can radiate radio frequency energy and, if not used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of a **COMPACTVIEW CLAN** projector in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at own expense.

22. CONTACT US

3D PERCEPTION AS
Solbråveien 41
P. O. Box 455
N1373 Asker
Norway

Tel: +47 66 98 70 70
Fax: +47 66 98 70 71
Support desk: +47 66 98 70 90

e-mail (sales): info@3d-perception.com
e-mail (tech support): support@3d-perception.com

Web site www.3d-perception.com