



ClearView C

Advanced Features and Functions
Geavanceerde eigenschappen en functies
Fonctionnalités et fonctions avancées
Funzioni Avanzate
Características y funciones avanzadas
Erweiterte Ausstattungsmerkmale und Funktionen
高级特性与功能
取扱説明書



Contents

1.	Introduction	13
1.1.	About this manual	13
2.	The ClearView C HD & ClearView C One.....	14
2.1.	What's in the box?	14
2.2.	Getting to know your ClearView C.....	15
2.3.	Unpacking and installing.....	15
2.4.	Switching the table setup.....	16
3.	The ClearView C Flex	17
3.1.	What's in the ClearView C Flex box?	17
3.2.	Getting to know your ClearView C Flex.....	18
3.3.	Unpacking and installing the ClearView C Flex	18
4.	Operation	19
4.1.	Introduction	19
4.2.	The Basic Control Pad.....	19
4.2.1.	Power On/Off	19
4.2.2.	Adjusting the magnification	20
4.2.3.	Choosing viewing modes	20
4.2.4.	Object lighting On/Off	21
4.2.5.	Overview function (position locator)	21
4.2.6.	Pointer (position locator).....	21
4.2.7.	Reading table brake and friction control.....	21
4.3.	The Advanced Control Pad	22
4.3.1.	Adjusting the image control	22
4.3.2.	Activating line markers / window shades.....	22
4.3.3.	Positioning line markers / window shades	22
4.3.4.	Activating the ClearView C Menu.....	23
4.3.5.	Switching between the ClearView C and a computer / external source image	23
4.3.6.	Auto-focus lock	23
4.4.	The Control Pad Batteries	23
4.5.	Pairing the Control Pad.....	24
5.	The ClearView C Menu	25
	Activating the menu	26
	Navigating the menu	26
	Exiting the menu	26
	Menu: Brightness.....	26
	Menu: Color	26
	Menu: Light	27
	Menu: Keylock	28
	Menu: Power off.....	28

Menu: Standby	29
Menu: Reset	29
Menu: Information	30
Menu: Exit	30
6. Adjusting the Monitor	31
7. The Carrying Handle	31
Appendix A: Troubleshooting	32

Inhoud

1. Introductie	34
1.1. Over deze handleiding	34
2. De ClearView C HD & ClearView C One	35
2.1. Wat zit er in de doos?	35
2.2. De ClearView C leren kennen	36
2.3. Uitpakken en installeren	36
2.4. Wijzigen van de leestafel opstelling	37
3. De ClearView C Flex	38
3.1. Wat zit er in de doos van de ClearView C Flex?	38
3.2. De ClearView C Flex leren kennen	39
3.3. Uitpakken en installeren ClearView C Flex	39
4. Bediening	40
4.1. Introductie	40
4.2. Het basis bedieningspaneel	40
4.2.1. Aan / Uit zetten	40
4.2.2. Aanpassen van de vergroting	41
4.2.3. Kiezen van een leesstand	41
4.2.4. Verlichting Aan / Uit	41
4.2.5. Overzicht functie (positie aanduiding)	42
4.2.6. Pointer (positie locator)	42
4.2.7. Leestafel weerstand en rem	42
4.3. De geavanceerde functies op het bedieningspaneel	43
4.3.1. Aanpassen van de beeldinstellingen	43
4.3.2. Activeren lijnen en beeldafdekking	43
4.3.3. Positioneren van lijnen en beeldafdekking	43
4.3.4. Activeren van het ClearView C Menu	44
4.3.5. Schakelen tussen de ClearView C en een computer/externe bron	44
4.3.6. Automatische scherpstelling blokkeren	44
4.4. De bedieningspaneel batterijen	44
4.5. Koppelen van het bedieningspaneel	45
5. Het ClearView C Menu	46
Activeren van het menu	47
Navigeren door het menu	47

Het menu verlaten.....	47
Menu: Brightness (Helderheid).....	47
Menu: Color (Kleur).....	47
Menu: Light (Verlichting).....	48
Menu: Keylock (Blokkeren).....	49
Menu: Standby.....	50
Menu: Reset (Terugzetten naar fabrieksinstellingen).....	50
Menu: Information (Informatie).....	51
Menu: Exit (Verlaten).....	51
6. Verstellen van de monitor.....	52
7. De handgreep.....	52
Appendix A: Problemen oplossen.....	53

Table de matières

1. Introduction.....	55
1.1. À propos du manuel.....	55
2. Le ClearView C HD & ClearView C One.....	56
2.1 Le contenu de la boîte.....	56
2.2 Connaître votre ClearView C.....	57
2.3 Déballage et installation.....	57
2.4 Changer la disposition de la table de lecture.....	58
3. Le ClearView C Flex.....	59
3.1. Le contenu de la boîte du ClearView C Flex?.....	59
3.2. Connaître votre ClearView C Flex.....	60
3.3. Installation du ClearView C Flex.....	60
4. Fonctionnement.....	61
4.1. Introduction.....	61
4.2. Le panneau de contrôle de base.....	61
4.2.1. Alimentation On / Off.....	61
4.2.2. Ajuster le grossissement.....	62
4.2.3. Sélectionner un mode de visualisation.....	62
4.2.4. Lumières d'objet On /Off.....	63
4.2.5. Fonction vue d'ensemble (localisateur de position).....	63
4.2.6. Pointeur (localisateur de position).....	63
4.2.7. Freins de table de lecture et contrôle de la résistance.....	63
4.3. Le panneau de contrôle avancé.....	64
4.3.1. Ajuster la qualité d'image.....	64
4.3.2. Activer les marqueurs de ligne et les caches.....	64
4.3.3. Positionner les marqueurs de ligne et les caches.....	64
4.3.4. Activer le Menu du ClearView C.....	65
4.3.5. Basculer entre le ClearView C et un ordinateur ou une image de source externe.....	65
4.3.6. Verrouillage de la mise au point automatique.....	65

4.4.	Les piles du panneau de contrôle.....	65
4.5.	Jumeler le panneau de contrôle	66
5.	Le Menu du ClearView C	67
	Activer le menu	68
	Naviguer dans le menu	68
	Quitter le menu.....	68
	Menu: Luminosité.....	68
	Menu: Couleur.....	68
	Menu: Éclairage	69
	Menu: Verrouillage	70
	Menu: Alimentation	71
	Menu: Mise en veille	71
	Menu: Réinitialisation	72
	Menu: Information	72
	Menu: Quitter.....	72
6.	Ajuster le moniteur	73
7.	La poignée de transport.....	73
	Annexe A: Résolution de problèmes	74

Indice

1.	Introduzione	76
1.1.	A proposito di questo manuale	76
2.	ClearView C HD e ClearView C One.....	77
2.1.	Contenuto della confezione	77
2.2.	Conoscere ClearView C	78
2.3.	Apertura della confezione e installazione.....	78
2.4.	Modificare l'impostazione da tavolo	79
3.	ClearView C Flex.....	80
3.1.	Contenuto di ClearView C Flex	80
3.2.	Conoscere ClearView C Flex	81
3.3.	Disinballaggio e installazione di ClearView C Flex	81
4.	Funzionamento	82
4.1.	Introduzione	82
4.2.	Il Controller in modalità base	82
4.2.1.	Accensione e spegnimento	82
4.2.2.	Regolazione dell'ingrandimento	83
4.2.3.	Scegliere la modalità di visualizzazione.....	83
4.2.4.	Illuminazione oggetto On /Off.....	83
4.2.5.	Funzione panoramica (indicatore di posizione)	84
4.2.6.	Puntatore (indicatore di posizione).....	84
4.2.7.	Controllo del piano di lettura.....	84
4.3.	Il controller in modalità avanzata	85
4.3.1.	Regolazione dell'immagine.....	85

4.3.2.	Activación de los marcadores de líneas/ventanas	85
4.3.3.	Posicionamiento de líneas/ventanas	85
4.3.4.	Activar el Menú de ClearView C	85
4.3.5.	Commutación entre ClearView C y un ordenador/fuente externa	85
4.3.6.	Bloqueo Autofocus	86
4.4.	Las baterías del Controlador	86
4.5.	Acoplar el Controlador.....	86
5.	El Menú de ClearView C	87
	Activar el Menú	88
	Navegar en el Menú	88
	Salir del Menú	88
	Menú: Luminosidad.....	88
	Menú: Color.....	88
	Menú: Iluminación	89
	Menú: Bloqueo.....	90
	Menú: Apagado	90
	Menú: Standby	91
	Menú: Reset.....	91
	Menú: Información.....	92
	Menú: Salida	92
6.	Regulación del monitor	93
7.	La manija para el transporte	93
	Appendice A: Resolución de problemas.....	94

Índice

1.	Introducción	96
1.1	Acerca de este manual	96
2.	El ClearView C HD y el ClearView C One	97
2.1	¿Qué contiene la caja?	97
2.2.	Conocer su ClearView C	98
2.3.	Desembalaje e instalación.....	98
2.4	Cambiar el montaje del tablero.....	99
3.	El ClearView C Flex	100
3.1.	¿Qué contiene la caja del ClearView C Flex?.....	100
3.2.	Conocer su ClearView C Flex	101
3.3.	Desembalaje e instalación del ClearView C Flex.....	101
4.	Funcionamiento	102
4.1.	Introducción	102
4.2.	El panel de control sencillo	102
4.2.1.	Encender y apagar el ClearView C	102
4.2.2.	Ajustar la amplificación.....	103
4.2.3.	Seleccionar el modo de visualización	103
4.2.4.	Activar y desactivar la iluminación del objeto	103

4.2.5. Función Panorama (localizador de posición)	104
4.2.6. Puntero (localizador de posición)	104
4.2.7. Bloquear el tablero de lectura y controlar la fricción	104
4.3. El panel de control avanzado	105
4.3.1. Ajustar el control de la imagen	105
4.3.2. Activar los marcadores de línea/tonos de ventana	105
4.3.3. Posicionar los marcadores de línea/tonos de ventana	105
4.3.4. Activar el menú del ClearView C	106
4.3.5. Alternar entre las imágenes del ClearView C y del ordenador u otro dispositivo	106
4.3.6. Bloquear el auto-foco	106
4.4. Las pilas del panel de control	106
4.5. Emparejar el panel de control	107
5. El menú del ClearView C	108
Activar el menú	109
Navegar en el menú	109
Salir del menú	109
Menú: Brillo	109
Menú: Color	109
Menú: Luz	110
Menú: Bloqueo	111
Menú: Alimentación	111
Menú: Reposo	112
Menú: Restablecer	112
Menú: Información	113
Menú: Salir	113
6. Ajustar el monitor	114
7. Manija de transporte	114
Apéndice A: Problemas eventuales y sus soluciones	115

Inhalt

1. Einleitung	117
1.1. Über dieses Handbuch	117
2. Der ClearView C HD & ClearView C One	118
2.1. Was ist im Paket	118
2.2. Lernen Sie Ihren ClearView C kennen	119
2.3. Auspacken und Aufstellen	119
2.4. Einstellen des Lesetisches	120
3. Der ClearView C Flex	121
3.1. Was ist im Paket	121
3.2. Lernen Sie Ihren ClearView C Flex kennen	122
3.3. Auspacken und Aufstellen des ClearView C Flex	122
4. Inbetriebnahme	123

4.1	Einführung.....	123
4.2	Nutzung der Bedieneinheit mit den Grundfunktionen	123
4.2.1	Ein- Ausschalten.....	123
4.2.2	Einstellen der Vergrößerung	124
4.2.3	Lesefarben verwenden	124
4.2.4	Vorlagenbeleuchtung Ein/Aus	124
4.2.5	Übersichtsfunktion (Positionsanzeige)	125
4.2.6	Lichtzeiger (Positionsanzeige)	125
4.2.7	Lesetisch feststellen oder bremsen.....	125
4.3	Die Erweiterungsfunktionen der Bedieneinheit	126
4.3.1	Einstellen der Bildqualität	126
4.3.2	Einschalten der Hilfslinie/der Bildschirmabdeckung.....	126
4.3.3	Positionieren der Hilfslinie/der Bildschirmabdeckung	126
4.3.4	Einschalten des ClearView C Menüs	127
4.3.5	Umschalten zwischen ClearView C- Bild und PC- Bild	127
4.3.6	Autofokus sperren.....	127
4.4	Die Batterien der Bedieneinheit.....	127
4.5	Binden der Bedieneinheit	128
5.	Das ClearView C Menü	129
	Menü einschalten	130
	Bewegen im Menü	130
	Verlassen des Menüs.....	130
	Menü: Helligkeit.....	130
	Menü: Lesefarbe	130
	Menü: Licht.....	131
	Menü: Erweiterungsfunktionen sperren	132
	Menü: Automatisches Ausschalten.....	132
	Menü: Standby (Stromsparen).....	133
	Menü: Zurücksetzen.....	133
	Menü: Information	134
	Menü: Verlassen	134
6.	Verstellen des Bildschirms.....	135
7.	Der Tragegriff	135
	Anhang A: Fehlerbehebung.....	136

目录

1.	介绍	139
1.1.	关于本用户手册.....	139
2.	ClearView C 高清和 ClearView C One	140
2.1	包装里都有什么?.....	140
2.2	开始了解你的 ClearView C	141
2.3	打开包装和安装	141

2.4 转换阅读台的安装.....	142
3. ClearView C Flex 灵活版.....	143
3.1 ClearView C 灵活版的包装里都有什么?	143
3.2 开始了解你的 ClearView C 灵活版	143
3.3 打开包装和安装 ClearView C 灵活版.....	144
4. 操作使用.....	146
4.1 介绍	146
4.2 基本功能控制板	146
4.2.1. 开 / 关电源	146
4.2.2. 调节放大倍率	147
4.2.3. 选择图像模式	147
4.2.4. 照明灯开/关	148
4.2.5. 概览功能（阅读位置定位）	148
4.2.6. 阅读指示器（阅读位置定位）	148
4.2.7. 阅读台锁止和摩擦控制.....	148
4.3 高级功能控制板	150
4.3.1 调节图像控制	150
4.3.2 激活标记线/标记窗功能	150
4.3.3 用标记线/标记窗进行阅读定位	150
4.3.4 激活 ClearView C 菜单.....	151
4.3.5 在 ClearView C 和计算机/外部图像源之间切换	151
4.3.6 自动焦距锁定功能	151
4.4 控制板电池	151
4.5 控制板配对	152
5. ClearView C 菜单.....	153
激活菜单	154
菜单导航	154
退出菜单	154
菜单: 亮度	154
菜单: 色彩模式.....	155
菜单: 灯光	156
菜单: 锁定	156
菜单: 关机	157
菜单: 待机	157
菜单: 重新设置.....	158
菜单: 信息	158
菜单: 退出	159
6. 调节显示器.....	160

7. 手提把手.....	160
附件 A：故障排除表	161

目 次

1. はじめに.....	164
1.1. マニュアルについて	164
2. クリアビューC.....	164
2.1. 同梱されているもの	165
2.2. 各部の名前	165
2.3. 梱包を解き、セットする	166
3. 操作説明.....	167
3.1. はじめに.....	167
3.2. コントローラーの簡単操作	167
3.2.1. 電源の入り切り.....	167
3.2.2. 倍率の調節	168
3.2.3. 映像モードの切り替え.....	168
3.2.4. ライトの入切	169
3.2.5. ワイド表示機能.....	169
3.2.6. スポットライト機能(位置表示).....	170
3.2.7. XYテーブル(読書台)のロックとブレーキ制御.....	170
3.3. コントローラーの高機能操作	171
3.3.1. 画質の調整	171
3.4. ラインマーカーとマスキング	171
3.5. ラインマーカー/マスキングの位置調整	171
3.5.1. メニューを開く.....	172
3.5.2. コンピューターおよび外部ソースとの映像の切り替え	172
3.5.3. オートフォーカスのロック機能.....	172
3.6. コントローラーのバッテリー	173
4. クリアビューCメニュー	174
メニューを開く.....	175
メニューを選ぶ	175
メニューモードを終わる.....	175
メニュー: brightness(明るさ).....	175
メニュー: colors(色)	176
メニュー: light(ライト).....	177
メニュー: standby(待機モード)	177
メニュー: power off(電源オフ)	178

メニュー: keylock (操作ボタンのロック)	178
メニュー: reset (リセット)	179
メニュー: information (インフォメーション)	179
メニュー: exit (メニューの終了)	180
5. モニターの調整	181
6. 持ち運び用取っ手	181
7. コントローラパネルのペアリング	182
8. 仕様	184
9. 故障と思ったら	185
10. 安全なご使用	187
カスタマーサポート	190
Optelec Offices Worldwide	191

ClearView C Advanced Features and Functions



Optelec
P.O. Box 399
2993 LT Barendrecht
The Netherlands

Telephone: +31 (0)88 6783 444
Fax +31 (0)88 6783 400

E-mail: info@optelec.nl
Website: www.optelec.com

1. Introduction

Congratulations on choosing the ClearView C, a desktop video magnifier developed by Optelec. The ClearView C enables you to read, write, view photos, do work and so much more. The ClearView C magnifies and enhances text, objects and images and allows you to view them in your preferred high contrast color combination, brightness and contrast settings. It is easy to operate and can be used at home, work and school.

The ClearView C has a unique ergonomic, modular design that focuses on ease of use, comfortable reading and maximum working space. The high quality reading table allows you to move text and objects smoothly beneath the camera. The integrated user-friendly control pad allows you to switch between basic and advanced functionality. The ClearView C design ensures a comfortable reading posture and fits perfectly in your home's interior.

1.1. About this manual

At Optelec, we are constantly improving our products and their functionalities. Therefore, it is possible that this manual is not the latest version. Please download the most up-to-date manual on www.optelec.com at the Support section.

This manual will help you to become familiar with the ClearView C features and operation. Please read this manual thoroughly before using your ClearView C.

Please note that the ClearView C is a modular system. Different ClearView C models can be assembled by selecting the various modules. This user manual covers all of the models currently available. Some features and functions can be added by installing different modules. It is possible that your model does not support some of the functions or features described in this manual.

If you have any questions or suggestions concerning the use of this product, please contact your Optelec distributor or Optelec's headquarters by consulting the contact information page located at the end of this manual. We greatly appreciate your feedback. We hope you enjoy working with your ClearView C.

2. The ClearView C HD & ClearView C One



The Optelec ClearView C HD and ClearView C One have a unique C-shaped design that provides you with more reading comfort and working space than traditional magnifiers.

We hope you enjoy working with your ClearView C.

2.1. What's in the box?

The ClearView C packaging contains the following:

- The ClearView C
- A power cord
- The wireless Control Pad
- *Instruction Sheet for the wireless Control Pad*
- *Instruction Sheet for switching the Table Setup*
- *ClearView C Setup and Use*
- *ClearView C Safety and Care*

Optional:

- The Comfort Table Tray

If any of these items are missing from your package, please contact your Optelec distributor.

2.2. Getting to know your ClearView C

The following figures show the ClearView C's main components.



- | | |
|------------------------|--------------------------------|
| 1. Monitor | 8. Camera box |
| 2. Reading table | 9. HDMI out |
| 3. C-shaped arm | 10. HDMI in |
| 4. Control pad | 11. Power in |
| 5. X & Y brake slides | 12. Power out |
| 6. Handle | 13. Camera connection (speech) |
| 7. Master power switch | |

2.3. Unpacking and installing

The ClearView C is shipped in one box and is already assembled. All you have to do is unpack the ClearView C, plug the power cord into the unit and plug the power cord into the power socket.

To power on the ClearView C, please take the following steps:

- Plug the power cord into the power socket;
- Press the On / Off button at the left side of the Camera Box.

Note: Make sure you connect the power cord to a socket-outlet with earthing connection.

2.4. Switching the table setup



Compact setup



Comfort setup

The ClearView C has two table setups: the Compact setup and the wide Comfort setup. The Compact setup is the standard setup. If you would like to have more space, for instance when doing craftwork or reading larger documents, you can switch to the Comfort setup. Please refer to the *Instruction Sheet for switching the Table Setup* for step-by-step pictures.

To switch from the Compact to Comfort setup:

1. Remove the monitor.
2. Release the brakes and slide the table top to the right.
3. Loosen the black knob.
4. Slide the table top back to its position and secure the brakes by sliding them to the middle.
5. Hold the table and pull the arm out until you hear a click.
6. Slide the table top to the right and secure the black knob.
7. Remove the cap from the top of the C-shaped arm and loosen the black knob.
8. Slide the camera box to the right, secure the black knob and place the cap back on the arm.
9. Place the monitor on the display adjustment.

To switch back to the Compact setup:

1. Remove the monitor.
2. Release the brakes and slide the table top to the right.
3. Loosen the black knob.
4. Slide the table top back to its position and secure the brakes by sliding them to the middle.
5. Hold the table and push the arm into the table until you hear a click.
6. Slide the table top to the right and secure the black knob.
7. Remove the cap from the top of the C-shaped arm and loosen the black knob.
8. Slide the camera box to the left, secure the black knob and place the cap back on the arm.
9. Place the monitor on the display adjustment.

3. The ClearView C Flex



The new Optelec ClearView C Flex is a unique desktop video magnifier with a space saving design that improves your reading experience. It provides you with more working space than ever before, making it ideal to use at work or school.

We hope you enjoy working with your ClearView C Flex.

3.1. What's in the ClearView C Flex box?

The ClearView C Flex packaging contains the following:

- The ClearView C Flex arm
- The ClearView C Flex monitor
- The ClearView C Flex display adjustment
- The ClearView C Flex camera box
- 2 Allen keys
- A power cord and HDMI cable
- The wireless Control Pad
- *Instruction Sheet for the wireless Control Pad*
- *ClearView C Flex Setup and Use*
- *ClearView C Safety and Care*

Optional:

- The reading table
- The Comfort Table Tray

If any of these items are missing from your package, please contact your Optelec distributor.

3.2. Getting to know your ClearView C Flex

The following figures show the ClearView C Flex's main components.



- | | |
|-----------------------------|--------------------------------|
| 1. Monitor | 7. HDMI out |
| 2. Reading table (optional) | 8. HDMI in |
| 3. Control Pad | 9. Power in |
| 4. X & Y Brake slides | 10. Power out |
| 5. Master power switch | 11. Camera connection (speech) |
| 6. Camera Box | |

3.3. Unpacking and installing the ClearView C Flex

The ClearView C Flex is shipped in boxes and needs to be assembled before it can be used. Please also refer to *ClearView C Flex Setup and Use* included in the box.

To set up and power on the ClearView C Flex, please take the following steps:

1. Unpack the boxes of the ClearView C Flex.
2. Mount the bottom part of the ClearView C Flex on a stable table and fasten it with the screw.
3. Place the top part of the ClearView C Flex on the bottom part.
4. In case the Clearview C Flex is used with the reading table, mount the arm at the top of the pole, in its highest position.
5. Use the included Allen keys to tighten the screws at the top and bottom part of the arm.
6. Mount the display adjustment.
7. Place the monitor on the display adjustment.
8. Slide the camera box into its position at the end of the arm.
9. If the camera does not look straight down onto the table surface, adjust the viewing angle using the adjustment screw on top of the camera box holder.
10. Insert the cables.
11. Plug the power cord into the power socket.
12. If the ClearView C Flex does not power on immediately, press the On / Off button at the left side of the Electronic Box.

4. Operation

4.1. Introduction

When using the ClearView C, place your hands on the wrist support at the front of the table for easy access to the Control Pad buttons and for steady table movement.

The ClearView C is equipped with a wireless Control Pad, located between the two wrist supports in the reading table. If the Control Pad is placed in the reading table with the Optelec logo facing you, the ClearView C buttons for the basic functionality are accessible.

To access the buttons for the advanced functionality, simply rotate the Control Pad so five rectangular buttons are facing you.

4.2. The Basic Control Pad

The Basic Control Pad is correctly placed in the reading table when the Optelec logo is facing you, and three large buttons are on top of the Control Pad.



4.2.1. Power On/Off



To power on both the system and monitor, press the orange round On/Off button located next to the Zoom dial on the Control Pad. The ClearView C will start up in the same viewing mode as when it was powered off.

It takes about 5 seconds for the camera unit to initialize before it displays an image.

In case the ClearView does not power on, make sure all cables are connected and that the power switch, located at the left side of the camera box behind the monitor, is in its ON position.

4.2.2. Adjusting the magnification



Locate the Zoom dial in the center of the Control Pad. Turn it clockwise to increase the magnification, and counter-clockwise to decrease the magnification.

4.2.3. Choosing viewing modes



Pressing the white Mode button inside the Zoom dial will cycle you through a maximum of five different viewing modes, depending on how the system is configured:

1. **Full color photo mode:** This mode displays the original colors of the pictures and text.
2. **Reading mode 1:** This mode enhances the foreground / background contrast. Pictures and text will be displayed in the configured high contrast foreground and background color, by default black text on a white background. The foreground and background colors can be changed in the ClearView C Menu.
3. **Reading mode 2 (optional):** This mode enhances the foreground / background contrast. Pictures and text will be displayed in the configured high contrast foreground and background color, by default white text on a black background. The foreground and background color can be changed or disabled in the ClearView C Menu.
4. **Reading mode 3 (optional):** This mode enhances the foreground / background contrast. Pictures and text will be displayed in the configured high contrast foreground and background color. By default this mode is disabled. The foreground and background color can be enabled and changed in the ClearView C Menu.
5. **Reading mode 4 (optional):** This mode enhances the foreground / background contrast. Pictures and text will be displayed in the configured high contrast foreground and background color. By default this mode is disabled. The foreground and background color can be enabled and changed in the ClearView C Menu.

4.2.4. Object lighting On/Off



Pressing the white Mode button for four seconds turns off the object lighting. You may want to temporarily turn off the object lighting to eliminate light reflections. If you press this button again, you will continue to the next reading mode and the lights will turn back on. Pressing the button for four seconds will turn the object lighting back on but will not advance to the next reading mode.

4.2.5. Overview function (position locator)



The overview function provides you with a quick overview of the text, which helps you to easily locate the part of a document which is of interest.

Press the blue square Overview button to activate the overview function. When the overview function is activated, the ClearView C will automatically zoom out to the minimum magnification, and will display a crosshair target

to indicate the center of the screen. Position the text you wish to read in the crosshair's target by moving the reading table. Once the document has been positioned, press the button once again to zoom in on the selected text in your previous magnification setting.

4.2.6. Pointer (position locator)



Pressing the blue square Overview button for three seconds will activate a red LED light, which shows as a red spotlight on the reading table. The pointer helps you locate where the camera looks on the table. For instance: when writing, place your pen in the red spotlight on the reading table and the pen will be displayed in the center of your screen. Press this button once again to deactivate the LED

light. After 30 seconds, the pointer will automatically be deactivated.

4.2.7. Reading table brake and friction control

Use the two sliders at the front of the reading table to apply friction to the left / right direction or up / down direction movement or to lock the left / right or up / down direction. When the sliders are positioned towards the outer left and right edge of the table, the table can move freely up, down, left and right. To apply more friction, move the sliders towards the center of the table, whereby the left slider adjusts the friction in the left / right direction, while the right slider adjusts the friction in the up / down direction. To apply maximum friction to the left / right movement, slide the left slider to the center of the table. Alternatively, to apply the maximum friction to the up / down movement, slide the right slider to the center position. Adjusting the friction or locking the table can be useful when writing, painting, doing hobbies and crafts, moving the ClearView C, or when you are not using the ClearView C.

4.3. The Advanced Control Pad

The Advanced Control Pad is correctly placed in the reading table when five rectangular buttons are facing you and three larger buttons are on top of the Control Pad.



4.3.1. Adjusting the image control



If characters or other on-screen elements are not clearly visible, use the image control to enhance the image and increase the sharpness. To adjust the image control, press the white Image Control button marked with a dot and a “sun” icon once (most left button). Now use the Zoom dial to adjust the image control. If no button is pressed within three seconds, the Zoom dial will revert back to its original zoom function.

4.3.2. Activating line markers / window shades



Pressing the gray Lines / Windows button (second button from the left) cycles you through the line markers, window shades and full screen camera image modes. Line markers are used as guides to make reading text easier or to help you write under the ClearView C. The window shades function is used to block a part of an image when screen brightness becomes inconvenient or when you need to concentrate on only one or two lines of text.

4.3.3. Positioning line markers / window shades



When line markers or window shades are activated, press the gray Lines / Windows button for 3 seconds. The top or left line or window shade blinks to indicate it can be moved up, down, left and / or right. Use the Zoom dial to move the line marker or window shade. Press the Lines / Windows button to adjust the other line or window shade. To move the other line marker or window shade use the Zoom dial. Press the Lines / Windows button again to exit Lines / Windows modification mode.

4.3.4. Activating the ClearView C Menu



Press the blue Menu button in the middle, marked with the word “Menu” to activate the ClearView C settings menu. For more information about the ClearView C menu, please refer to chapter 5.

4.3.5. Switching between the ClearView C and a computer / external source image



If a computer or another external source is connected to the ClearView C, press the gray PC button marked with an arrow (second button from the right) to toggle between the ClearView C image and the full screen computer image.

To display the computer image on your ClearView C monitor correctly, make sure that your computer's resolution is set to 1920 x 1080.

4.3.6. Auto-focus lock



The ClearView C features an automatic focus camera that produces a sharp on-screen image at any time. When switching the ClearView C on, the system will start up in the auto-focus mode. Pressing the Auto-focus button marked with a dot and a pencil icon (most right button) stops the ClearView C from continuously operating the auto-focus feature and fixes the focus on the object being viewed. This can be useful for writing, painting or crafts. When the auto-focus feature is disabled, an icon with a pencil will be displayed. To enable the auto-focus, simply press the Auto-focus button and the icon will disappear to indicate the auto-focus is switched on again.

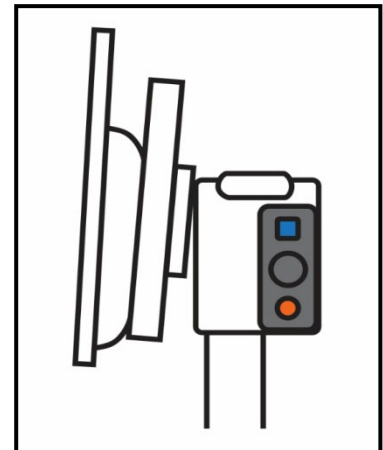
4.4. The Control Pad Batteries

The ClearView C Control Pad is powered by two coin cell batteries of the type CR2025. These batteries last for two to three years. If the Control Pad buttons stop functioning, and the ClearView C is more than two years old, or it is more than two years ago that the batteries of the Control Pad have been changed, please change the batteries. To change the batteries, gently open the battery tray on the side of the Control Pad and replace the two batteries.

4.5. Pairing the Control Pad

In case the Control Pad is missing or defective, and needs to be replaced with a new Control Pad, the new Control Pad needs to be paired with the ClearView C. To pair the Control Pad follow these steps:

1. Switch the ClearView C on;
 2. Hold the Control Pad vertically and hold the bottom of the Control Pad against the right side of the camera box behind the monitor;
 3. An icon will appear indicating the start of the pairing procedure;
 4. Press the On / Off button and the Overview button simultaneously for five seconds and release the buttons;
 5. If the pairing procedure is successful, the pairing icon will disappear;
 6. If the ClearView C does not recognize or see the Control Pad, the pairing sequence will be terminated within 30 seconds and the pairing icon will disappear. Repeat steps 1 to 5 until the Control pad is correctly paired.
- Possible causes for an unsuccessful pairing are:
- The batteries of the Control Pad are empty;
 - The wrong buttons were pressed to initiate the pairing process;
 - The Control Pad is broken.



5. The ClearView C Menu

Allows you to adjust the screen brightness



Allows you to change the colors of the high contrast modes or disable high contrast modes



Allows you to enable or disable the object lighting



Allows you to lock or unlock the Advanced Control Pad buttons



Allows you to configure the automatic power down time



Allows you to adjust the ClearView C automatic standby time



Allows you to reset the ClearView C to its factory default settings



Shows firmware versions and system information



Allows you to exit the menu



Activating the menu



To enter the menu, press the Menu button located at the front in the middle of the Advanced side of the Control Pad. To exit the menu, press the Menu button again.

Navigating the menu



Use the Zoom dial to scroll through the menu items. The Mode button located in the middle of the Zoom dial will activate the chosen menu item or confirm the selection.

Exiting the menu



To exit the menu, to go back to the previous menu level or to cancel your choice, press the Menu button on the Advanced side of the Control Pad.

Menu: Brightness



This menu item allows you to adjust the brightness of the screen.

- Activate the menu by pressing the Menu button on the Advanced side of the Control Pad.
- Use the Zoom dial to scroll through the menu items. Select the menu option Brightness and activate this menu by pressing the Mode button.
- Select the brightness level by using the Zoom dial to decrease or increase the brightness level. There are five brightness levels to choose from. The default brightness level is set to 5.
- Press the Mode button to confirm your choice and exit the menu.

Menu: Color



The ClearView C supports four high contrast modes and the default photo mode. For each of the four high contrast modes, the foreground and background colors can be configured. Three of the high contrast modes can be disabled if you prefer to work with one high contrast mode. By default three are enabled: Full color photo mode, high contrast mode 1 white background with black text and high contrast mode 2 black background with white text. In addition to the color combinations, there is a grayscale option.

- Activate the menu by pressing the Menu button on the Advanced side of the Control Pad.
- Use the Zoom dial to scroll through the menu items. Select the menu option Color and activate this menu by pressing the Mode button.
- Select one of the four high contrast modes with the Zoom dial and press the Mode button to confirm your choice.
- To select a new high contrast color combination, use the Zoom dial to scroll through the list of color combinations. Select a color combination by pressing the Mode button.
- High contrast modes 2, 3 and 4 can be disabled by selecting 'off'.
- Press the Mode button to confirm your choice and exit the menu.

You can select the following color combinations:

- | | |
|------------------|------------------|
| - Black – White | - Black – Green |
| - White – Black | - Green – Black |
| - Yellow – Black | - Black – Purple |
| - Black – Yellow | - Purple – Black |
| - Yellow – Blue | - Blue – White |
| - Blue – Yellow | - White – Blue |
| - Black – Red | - Black – Amber |
| - Red – Black | - Amber – Black |
| | - Grayscale |

Menu: Light



This menu item allows you to enable or disable the object light – located at the left and right of the camera – when the unit is switched on. By default, the object light is enabled. If you select 'off', the light will be off when the unit is switched on.

- Activate the menu by pressing the Menu button on the Advanced side of the Control Pad.
- Use the Zoom dial to scroll through the menu. Select the menu option Light and activate this menu option by pressing the Mode button.
- To enable the object light, select the value 'on' with the Zoom dial. Selecting 'off' will disable the object light. Press the Mode button to confirm your choice and exit the menu.

Menu: Keylock

This menu item allows you to lock or unlock the Advanced buttons on the Control Pad, with the exception of the Menu button. If the lock is enabled, the advanced buttons Brightness, Lines, PC and Auto-focus are locked.

To unlock the Control Pad, press and hold the Menu button for 5 seconds to enter the menu.

To lock the Advanced buttons on the Control Pad:

- Activate the menu by pressing the Menu button on the Advanced side of the Control Pad.
- Use the Zoom dial to scroll through the menu. Select the menu option Lock and activate this menu option by pressing the Mode button.
- To lock the Advanced Control Pad, select 'on' with the Zoom dial. Press the Mode button to confirm your choice. Selecting 'off' will unlock the Advanced Control Pad.
- Press the Mode button to confirm your choice and exit the menu.

To unlock the Advanced buttons on the Control Pad:

- Press and hold the Menu button for 5 seconds.
- Use the Zoom dial to scroll through the menu. Select the menu option Lock and activate this menu option by pressing the Mode button.
- To unlock the Advanced Control Pad, select 'off' with the Zoom dial. Press the Mode button to confirm your choice.
- Press the Mode button to confirm your choice and exit the menu.

Menu: Power off

This menu item sets the time before the ClearView C is automatically powered off. By default, the power off time is set to 5 minutes. These 5 minutes are activated after the default standby time of 15 minutes. By default, the unit is therefore automatically switched off after 20 minutes. The Power off time can be set to 5, 15, 30 minutes and to 'never'.

- Activate the menu by pressing the Menu button on the Advanced side of the Control Pad.
- Use the Zoom dial to scroll through the menu items. Select the menu option Power off and activate this menu by pressing the Mode button.
- Select the time interval with the Zoom dial. Press the Mode button to confirm your choice. Selecting 'never' will disable the automatic power off function.

- Press the Mode button to confirm your choice and exit the menu.

Menu: Standby



This menu item sets the time before the ClearView C goes into standby mode to conserve power. Pressing any button will take the unit out of standby mode. By default, the standby time is set to 15 minutes. The standby time can be set to 5, 15, 30 minutes and 'never'.

By pressing the On / Off button, the unit will always go into standby mode first, after which it will power down using the power off time setting.

- Activate the menu by pressing the Menu on the Advanced side of the Control Pad.
- Use the Zoom dial to scroll through the menu items. Select the menu option Standby and activate this menu by pressing the Mode button.
- Select the time after which the unit will go into standby mode with the Zoom dial. Press the Mode button to confirm your choice. Selecting 'never' will disable the automatic standby function.
- Press the Mode button to confirm your choice and exit the menu.

Menu: Reset



This menu item lets you reset the ClearView C to the factory default settings.

- Activate the menu by pressing the Menu button on the Advanced side of the Control Pad.
- Use the Zoom dial to scroll through the menu. Select the menu option Reset and activate this menu option by pressing the Mode button.
- To restore the factory defaults, select 'yes' by using the Zoom dial. Choosing 'no' will leave all settings as they are.
- Press the Mode button to confirm your choice and exit the menu.

Alternatively:

- Press and hold the Power button for 10 seconds.

Menu: Information

This menu item displays the firmware versions and system information. No changes can be made in this menu.

- Activate the menu by pressing the Menu button on the Advanced side of the Control Pad.
- Use the Zoom dial to scroll through the menu. Select the menu option Information and activate this menu option by pressing the Mode button.
- To exit the menu, press the Menu button.

Menu: Exit

This menu item lets you exit the menu.

- Activate the menu by pressing the Menu button on the Advanced Control Pad.
- Use the Zoom dial to scroll through the menu. Select the menu option Exit and activate this menu option by pressing the Mode button to exit the menu.

Or

- Press the Menu button.

6. Adjusting the Monitor

The ClearView C monitor can be adjusted in height and viewing angle for a comfortable reading position. The monitor can be moved up and down and can be tilted vertically for optimal viewing comfort.

To place the monitor in your preferred position, firmly grip the flat panel on both sides by the surrounding frame and move the monitor up or down, or adjust the viewing angle by tilting the monitor vertically.

The ClearView C is equipped with feet of special soft material to make rotating or moving the unit on the table surface easier. Firmly grip the stand of the ClearView C and rotate or move the unit to reposition the ClearView C on the table for an optimal viewing distance and viewing angle.

Warning:

Before moving or rotating the ClearView C, make sure there is enough free space on the table to move the unit, that there are no other objects placed on the table, and that the power cable is long enough to move the unit. Make sure that the table is a flat horizontal surface. Do not move the ClearView C off the table as that may cause serious injuries.

7. The Carrying Handle

The ClearView C is equipped with a carrying handle, located behind the monitor. To prevent injuries, please make sure to lock the carrying handle in place and to lock the table using the two brake sliders before lifting the ClearView C on the handle. To lock the handle:

- Move the monitor down to its lowest position;
- Lift the handle behind the monitor. If the monitor is moved to its lowest position, the handle will lock in place.
- Lock the table by placing the table in its home position and moving the brake sliders to the lock position and confirm that the table is locked.
- Now you can safely lift the ClearView C.

To unlock the handle:

- Firmly grip the monitor and move the monitor up.

Appendix A: Troubleshooting

Manufacturer's default settings

- If you experience any difficulty operating the system, you can reset the factory default settings. Switch the ClearView C off with the Master Power Switch and wait 3 seconds. Switch the unit back on. Then, press and hold the On / Off button for 10 seconds. Alternatively, reset the ClearView C selecting the reset option from the ClearView C Menu.

No image on the ClearView C monitor after it is switched on

- Check if all cables and hardware are connected properly and securely.
- Check that the master power switch at the left side of the camera box, behind the monitor, is switched on.

None of the buttons of the Control Pad work

- Ensure that the batteries of the Control Pad are not empty. The Control Pad batteries last for two to three years.
- Make sure the Control Pad is paired with the ClearView C. If not, pair the Control Pad.

Image is not in focus

- If the pencil icon is displayed in the top right corner of the screen, press the Auto-focus button to return to auto-focus mode.
- Clean the monitor screen with a non-abrasive cloth.

Pictures and text look gray or have low contrast

- Press the mode button to switch to the high contrast reading mode.
- Adjust the Image Control on the Control Pad.
- Adjust the brightness level in the menu.

The computer image is not displaying

- Verify the computer's video (HDMI) connection to the ClearView C camera box (do not connect the PC directly to the monitor).
- Make sure the PC resolution is set to 1920x1080.
- Check the computer for any malfunction by connecting the PC directly into the monitor.

The reading table does not move or does not move smoothly

- Make sure the brake slides are positioned towards the outer edges of the table.
- Inspect the slides for dust or any other obstructions.