

ACUITY



USER MANUAL

Table of Contents

1	Introduction	4
2	Installation, safety and maintenance	4
	Installation	4
	Adjust the tilt of the screen.....	4
	Adjust the height of the screen	5
	Connecting the cables	5
	Transporting the Acuity.....	5
	Tips for usage.....	5
3	Controls - Screen	6
3.1	Display Modes	6
3.2	Zoom	6
3.3	Block auto focus	6
3.4	Brightness.....	7
3.5	Advanced Reading Aids	7
3.6	Tableau	7
3.7	Brake Handle	8
4	Controls - Remote Control	8
5	Advanced Menu	9
6	Directive.....	9
7	Discarding the Acuity	9
8	Technical specifications	10

1 Introduction

Congratulations with your Acuity; a desktop video magnifier of high quality that is especially user friendly with its touch sensitive input method.

Read this manual thoroughly before you start to use your Acuity. This manual contains instructions on how the device needs to be installed, and describes all of the functions of the Acuity.

2 Installation, safety and maintenance

Package contents

The package of the Acuity contains the following:

- Acuity
- Power adaptor
- Manual
- Remote Control
- Remote Control receiver

Installation

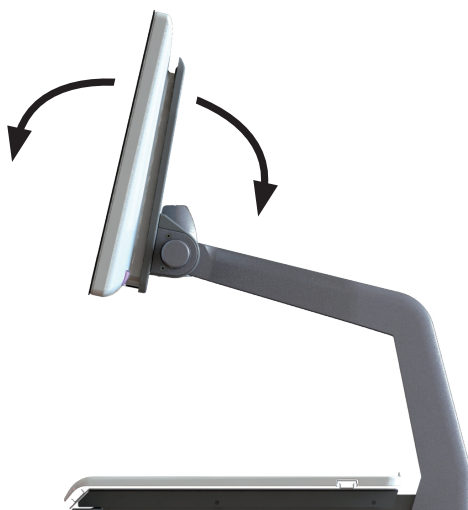


Never open up the device yourself; **this will void your warranty.** If you suspect the device is in need of service or repairs, please contact your supplier.

The Acuity will be delivered to you in a pre-assembled state. All you have to do is slide the screen up to your preferred height and connect the power cable to the base.

Adjust the tilt of the screen

The screen can be tilted by firmly holding the screen on the left and right side, and tilting the screen in your preferred position.



Adjust the height of the screen

The height of the screen can be adjusted by firmly holding the screen on the left and right side, and pulling the screen up or down to your preferred position.



Connecting the cables

The only cable that needs to be connected is the power cable. Ensure the power cable is inserted into the device and in a wall socket.

Transporting the Acuity

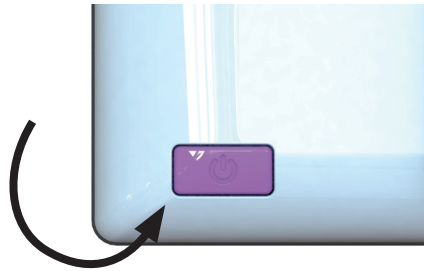
When transporting the Acuity slide the monitor to its lowest position and tilt it downwards.

Tips for usage

- Avoid direct sunlight on the screen and tableau.
- Be careful when handling the moving parts of the reading table.
- The Acuity requires little or no maintenance. If you want to clean the exterior of the device, only use a dry cloth. The use of aggressive cleaning products like alcohol, acetone or other chemical substances is prohibited.
- Do not use the Acuity as a support for walking, sitting down or getting up.
- Switch off the device if you do not intend to use it.
- Ensure that the Acuity is placed in a well ventilated room.
- Place the Acuity on a stable surface to prevent it from falling.
- Only use your Acuity indoors. Do not expose the device to extreme temperature fluctuations or humidity. Do not place your Acuity next to a heat source.
- Only use the supplied cables and connect the power cable to a socket.
- Ensure that the Acuity is placed at a minimal distance of 10 cm / 4 inches from the edge of the table.

3 Controls - Screen

The on/off switch of the Acuity is located on the lower right hand side on the back of the monitor. Hold it for 2 seconds until the startup or shutdown tune is played to switch the device on or off.



The controls of the Acuity can be found below the screen and consist of touch sensitive pads:



3.1 Display Modes

Tap

Tap this icon to cycle through all available display modes.



Tap-and-hold

Tap and hold the Display Mode icon to quickly switch between your last used high contrast mode and the full colour mode.

Swipe

Swipe from right to left, or downwards to go to the next display mode in the cycle.
Swipe from left to right, or upwards to go to the previous display mode in the cycle.

3.2 Zoom

Touching the minus icon allows you to zoom out.

Touching the plus icon allows you to zoom in.

The magnification level will be shown on screen.



3.3 Block auto focus

By tapping the magnifier icon the device will refocus on your reading material and block the auto focus on that level.

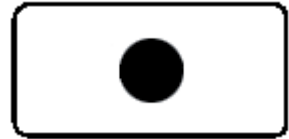
Tap a zoom button to unblock the auto focus.



3.4 Brightness

Tap

By tapping this icon you can cycle through 5 brightness levels.



Swipe

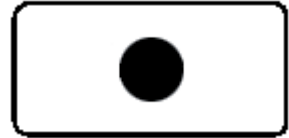
Swipe from right to left to go to the next brightness level in the cycle.

Swipe from left to right to go to the previous level in the cycle.

3.5 Advanced Reading Aids

Tap-and-hold

By tapping and holding the brightness button you will enter the Advanced Reading Aids menu. After starting up, or when no reading aid has been previously selected, you will see a red cross to indicate this.



no reading
aid selected

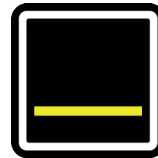
The following reading aids are available:



horizontal
blanking



vertical
blanking



horizontal
line



vertical
line

While the reading aid icon is active use the following controls to set up your preferred reading aid:

Vertical Swipe

Swipe up or down over the brightness button to cycle through the Advanced Reading Aids:

- Vertical blanking
- Horizontal blanking
- Vertical line
- Horizontal line

Horizontal Swipe

Swipe from right to left to go to the next setting of the selected reading aid. Each reading aid has 5 settings indicated by a number shown in the icon.

3.6 Tableau

The Acuity contains a tableau on which you can place your reading material. The tableau can move from left to right and from front to back.

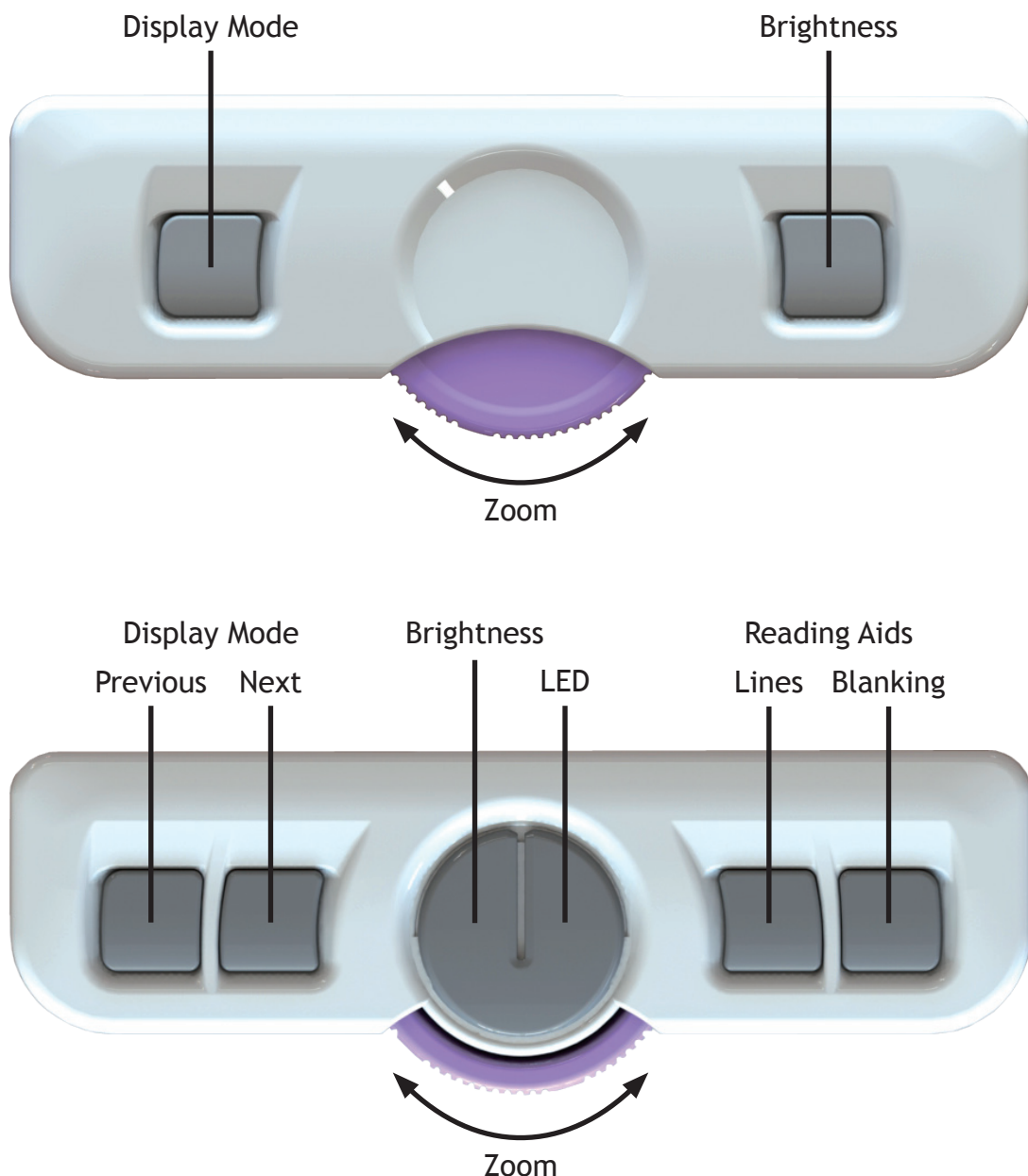
3.7 Brake Handle

In front of the tableau of the Acuity you will find a single brake handle with which you can control the movement of the tableau. The handle has 4 positions:

- Left = The tableau can be moved freely.
- Middle-left = Free movement from left to right.
Front to back movement can be adjusted by 5 millimeter increments by moving the tableau.
- Middle-right = Free movement from left to right, front to back movement is blocked.
- Right = All movement of the tableau is blocked.

4 Controls - Remote Control

The Acuity can be used with a remote control. Currently there are 2 versions available of the remote control:



5 Advanced Menu

The Acuity contains an advanced menu with which you can (de)activate certain functions of the Acuity. You can access the advanced menu by ensuring the device is switched off, then holding the on/off button approx. 10 seconds until you see the following screen:



On this screen you can select which high contrast mode you want available in your Acuity. By default all modes are activated.

Use the zoom buttons to select a specific mode and use the magnifier icon to switch the selected mode on or off. Reset the Acuity for the changes to take effect.



By pressing the Display Mode icon you can view a second screen of selectable options. These options are crop zoom, sound, indication for magnification while zooming and zoom preset.

The crop zoom function crops the image on screen to 50% so that a zoom level of 1x can be achieved.

6 Directive

This product meets the requirements of the EMC standard and the following regulations:

EMC Directive 2004/108/EC
EN60950-1: 2006
EN55024:1998, +A2:2003
EN55022:2006 Class B
EN61000-3-2:2006

7 Discarding the Acuity

This symbol of the crossed out wheelee bin indicates that the product must not be disposed of with your other household waste. Check local regulations for proper disposal of electronic products.

8 Technical specifications

Resolution		1920 x 1080	
Video refresh rate		60 Hz	
Display size		22 inch (54.6 cm)	
Display modes * These display modes are originally activated in your Acuity. Please contact your supplier if you want to make use of the other display modes.	Photograph	Full colour*	
		Greyscale*	
	High contrast	Black - white*	Black - yellow*
		White - black*	Yellow - blue
		Green - black	Blue - yellow*
		Black - green*	Red - black
		Yellow - black	Black - red
Magnification (With a 22" screen)	Minimum	≈ 2.3x (when in crop mode ≈1x)	
	Maximum	≈ 65x	
Reading Aid	Horizontal Reading Line	Available in all models	
	Vertical Reading Line	Available in all models	
	Horizontal Block Blank	Available in all models	
	Vertical Block Blank	Available in all models	
Dimensions	22"	48 x 48 x 65 cm (screen in highest position)	
Preferred switch screen settings		1920 x 1080	
Weight		16 kg	
Power supply		12 VDC / 4A	
Conditions of use		Temperature +5 °C til + 50 °C	
		Humidity <70%, no condensation	
Conditions of storage and transport		Temperature +0 °C til + 50 °C	
		Humidity <90%, no condensation	

If you have any questions after reading this manual, please contact your supplier.



REHAN ELECTRONICS
Aughrim Road
Carnew
County Wicklow
Ireland
www.rehanelectronics.ie