Solo HD and SD
User manual

SOLO from Nordic Eye is available in two models.
We use the same manual to both systems.

SOLO + HD is black and silver and SOLO + is blue / silver.
Some functions are not available in the HD system and the manual will describe this.
Also the technical data differs VS. the two systems.

nordic eye
www.nordiceye.eu

Contents

Congratulation to your choice of visual aid. We hope that SOLO will enrich your everyday life.

Included parts

- Camera
- Table clamp
- Handcontrol
- Powersupply
- USB-cabel
- Monitor cabel VGA
- Carrying bag
- Media with software (CD/USB)
  Plate for table is available as extra feature.

Requirements

- VGA Monitor (4:3 eller 16:9)
PC with USB 2.0, Windows XP SP2 / Vista / Win7
Mac Snow Leopard 10.6

Assembly instructions

Attached the table clamp to the table

Attached the SOLO onto the clamp

Connection to monitor

Connect the VGA cable to the SOLO and the monitor

VGA out

On / Off

Turn on the monitor and the SOLO by pressing the On/off button

SOLO will confirm with a sound signal when it turns on and off or when the battery is out of power.

- 2 beep when it starts
- 1 beep then it turns off
- 4 beep when battery capacity is ended , SOLO turns off

To check the battery capacity, hold down the On/off button and keep it down for 3 sec, SOLO will indicate with sound back with the following.

- 1 beep fully charged
- 2 beep approx 1 hour battery capacity left
- 3 beep solo needs to be charged.

Remote

- Z+ zoom in (increase magnification)
- Z- zoom out (decrease magnification)
- Arrow left increase brightness
- Arrow right increase brightness
- FUNC turns picture 180°
  MODE changes the picture in three different modes, high contrast positive, high contrast inverted and normal full color mode.
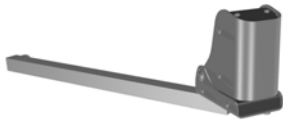
To pairing the remotes and the SOLO after changes batteries or if the units have been swapped:
Power on the SOLO and press and hold down one of the remotes buttons for at least 4 seconds, at the same time you hold the remote as close to the SOLO´s plastic body cover as possible.
A red LED will lit up and flashing on the remotes keypad during the synchronization process if the SOLO and remote is not paired.
Release the button and see if there is some response from the SOLO when pressing down a button again.

MODE and FUNC buttons are only available in the SOLO's reading position as default. This can be changed under menu options and turn tilt on and off.

Reading position

Distance position

When camera is in distance position, only the zoom and brightness can be changed. Other settings can be changed when camera is in reading position.

Advanced settings

Settings that are made to your SOLO will be saved automatically.
Example, if one have the camera in reading position and the picture mode in negative and then change to distance viewing, the camera will change to full color.

All values like brightness, zoom, flip and color mode will save automatically. All values are individual to each color mode as well as distance position.

The remote buttons has multi functions.
Menus and alternative will be available when hold down the MODE and FUNC buttons.

Camera in reading position

Reading line

- Press the FUNC button for 3 sec and a reading line will appear in the live picture
- One can move the line vertically by pressing Z+ or Z-
- When right position is reached a short press on the FUNC button will store the settings

Blinds

- Press the FUNC button for 3 sec and the reading line will appear in the live picture
- Press the right arrow and the blinds will be present
- Use the Z+ or Z- to change the gap, a short press to the FUNC confirming the settings.

To turn off the line or blinds, press FUNC for 3 sec and the left arrow to turn off the line or right arrow to turn off the blinds.

Contrast modes
SOLO gives 2 personal settings for contrast modes

- Choose contras mode
- Press MODE for 3 sec
- Contrast can be changed for text or background
- Z+ and Z- changes text color
- Arrow right or left changes background color.

  Colors are: Yellow, Green, Light green, Amber, Blue, Light blue, red, white and Black
- When done press MODE and your settings are stored.

Global settings
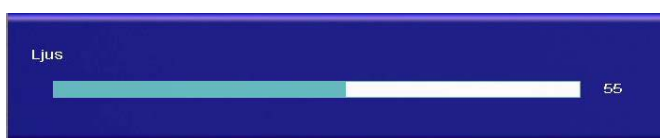Have the camera in full color mode and reading position, then press the mode button for 3 sec.
An OSD menu will appear and give the possibilities to change the global settings.

Bild inställningar

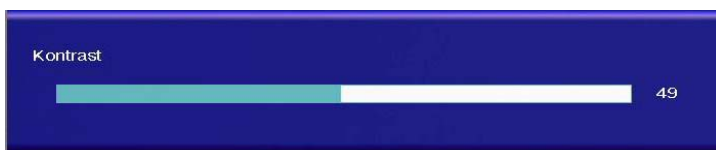|	
Ljus	55
Kontrast	49
Färg	50
Skärpa	7

- Z+ and Z- up and down in menus.
- Arrow left or right chooses the alternative in the menu or goes back to previous menu.

Change the value by pressing left or right arrow. Leave the menu by pressing mode.

Brightness

Ljus   55

Contrast

Kontrast
49

Saturation

Färg
50

Sharpness

Skärpa
7

Camera settings

White balance gives the camera different conditions to compensate the picture in different light conditions. We recommend auto trace.

Kamera inställningar

Vitbalans ▶

Tilt Funktion ▶

Spegelvänd Bild ▶

Factory reset
Reset all settings to default

Connect to computer and software installation

Install the SOLO computer software from the attached CD or the downloaded files and follow the instructions

Connect the special USB cable to the SOLO and then put in to a free USB port on the computer.
Press ON/OFF button to start the SOLO, Windows will now detect new hardware and install the SOLO drivers.
When the hardware installation is ready, you can start the SOLO software.

to USB

To power supply

Short command PC

Key combination	Function
CTRL-WIN-S	Windows position
CTRL-WIN -↑	Zoom Increase magnification
CTRL-WIN-↓	Zoom decrease magnification
CTRL-WIN-I	Save picture
CTRL-WIN-C	Increase brightness
CTRL-WIN-V	Decrease brightness
CTRL-WIN-F1	Color mode
CTRL-WIN-F2	High contrast mode 1
CTRL-WIN-F3	High contrast mode 2
CTRL-WIN-T	Turn picture 180°
CTRL-WIN-E	End program
CTRL-WIN-M	Maximize/ minimize program
CTRL-WIN-L	Splitt picture left/right
CTRL-WIN-U	Splitt picture up/down
CTRL-WIN-Z	Freeze-/release picture
1-9 on keyboard (not on numeric keys)	Preset values for magnification, only in active window
CTRL-WIN-N	Version information
CTRL-WIN-J	Save picture files as…..

Technical data

	SOLO HD	SOLO SD
Magnification(19" 4:3)	1.3-85x	1,8-85x
Focus	Autofocus	Autofocus
Working distance	270 mm	270 mm
Resolution monitor 4:3	1024x768, 60 Hz	1024x768,60Hz
Resolution monitor wide	1280x720 (720p)	1280x720(720p)
Resolution PC	832x624	832x624
Connections	USB or VGA	USB or VGA
Power consumption	18 W	18 W
Power	Battery or 12 volt	Battery or 12 volt
Weight	1,15 Kg	1.1 Kg
OS	XPSP2/Vista / Win 7 /win8 32 bit, 64 bit MAC , Snow Leopard 10.6x	XPSP2/Vista / Win 7 /win8 32 bit, 64 bit MAC , Snow Leopard 10.6x

EMC:

Product is tested according to EMC immunity and emission.
By EN 60 601-1-2(2001) Class B, Group 1.

<u>Maintenance</u>

Cleaning, do not use any cleaning methods that can result in moisture or water at the electronics.
Deal with the equipment as standard home electronics.
When cleansing the lens be careful so no scratches will appear.
SOLO should be recycled as electronic parts and not be places in the garbage. Contact your reseller or community to have the product recycled in a non pollutions way.

<u>Contact</u>
If you have any further questions or requests please don't hesitate to contact us.
Or if you only want to leave comments, we are pleased to hear your opinion regarding our products

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