ZOOMAX® Panda

Standard Definition Desktop Video Magnifier

User's Guide

Version 1.4

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To search the knowledge base, please visit www.zoomax.co and select the relative links.

Contents

1. Safety Precautions and Maintenance

Please read the instructions carefully before setting up your Panda and keep this user manual for future reference.

● To ensure a stable operation status of the Panda and to protect it from overheating, the slots and openings in the product MUST NOT be blocked or covered.

● Please always use the Panda indoor. Do not expose it to an extreme or a rapid change temperature or humidity environment.

● Keep the Panda away from the radiation, heat and direct sunlight because these conditions may cause electronic and optical component damages on your device.

● Operation temperature 10C° ~35C°

● Keep the Panda away from humid places, rain or any source of liquids. Do not submerge the product.

● Do not place the Panda on an unstable surface. The falling product may cause device damage or bodily injury.

● Do not place the Panda where people could be tripped over by the power cord.

● Always turn OFF the power when not in use

● Always unplug the Panda before cleaning it, and use a soft,

wet cloth to clean the surface. Do not use any cleaning

agents or any abrasive materials as these could cause

damage on your Panda.

● Contact your ZOOMAX distributors to get service as

needed. Do not take apart your Panda by yourself as such

behavior will void the warranty of your product.

2. Structure of Components & Accessories

2.1 Knobs in the Panda

The following knobs are used for Power ON/Off the Panda;

adjust the brightness, magnifications and different color

contrast options.

Indicator Light

Power On/Off Button

Color Mode Knob

Magnification Knob

Brightness Knob
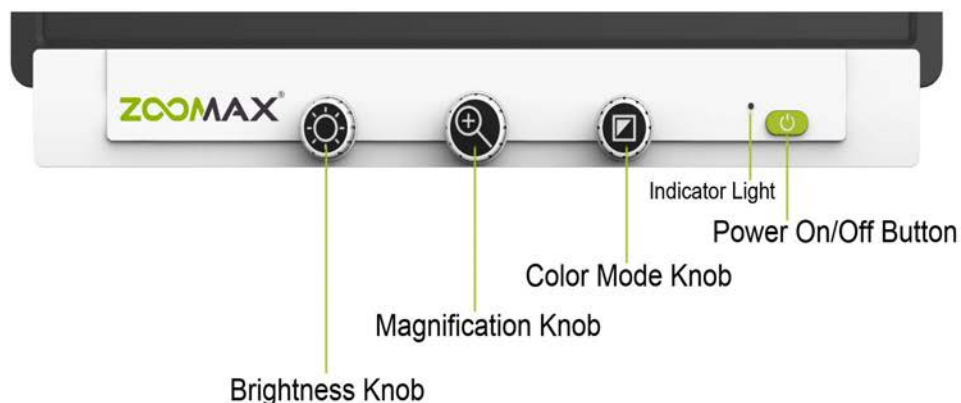
2.2 Ports on the back of the Panda---From left to right

- USB 1: For software upgrade

- AC IN: Power Input
  (The Power Switch button is red)

- USB 2: For Manufacture use

2.3 Accessories

- AC Power Cordx1pc

- Clean Cloth x1pc

- User's Guide x1pc

3. Setting up your Panda

● After carefully unpack the Panda, please locate it to a solid and horizontal surface.

● Right fix monitor and main unit of the Panda. Make sure all cables are well connected.

● Connect the power cord to power input on the base of the Panda and plug in the other end to an electric socket. The Indicator Light on the panel will turn red.

4. XY Table

XY Table   Brake

● Turn the Brake button from the middle of **XY Table** to the

right side of the table to lock the **XY Table** for a long time reading.

● Turn the Brake to the middle position to lock the Y axis, and then you can only move the **XY table** to left and right. Turn the Brake to the left side to unlock the **XY Table**. Then, you can shift the **XY Table** as you need.

Note：Please move the XY Table smoothly and slowly to prevent damages.

5. Basic Operations

5.1 Power On/Off

● Connect AC Power cord, and turn on the Power Switch on the back (the red one), and then the Indicator Light will turn red, which means the power is connected.

● To turn on the Panda, press the Power On/Off Button on the screen. The Indicator Light turns green after a Beep sound. The startup picture will last 5 seconds on screen then enter into the reading mode.

● To turn off the Panda, press and hold the Power On/Off Button for 1 second, the Indicator Light turns red after a Beep sound, and the Panda will turn off.

Notes:

● You hear a beep sound and the Indicator Light turns green shortly after you pressing the Power On/Off Button.

● If the LCD screen remains blank after you hear a beep, please make sure the monitor power cable is connected firmly and the monitor is turned on.

5.2 Magnification Adjustment

● The default magnification is 5X.

● You may adjust the magnification from 2X to 70X by twist the knob.

● Once find your preferred magnification, press and hold the Magnification Knob until you hear a beep and then you can set it as your favorite. Press the Magnification Knob in any magnifications and the Panda will automatically return to your favorite magnification.

5.3 Color Mode

● There are Simplified Color Mode and Advanced Color Mode in the Panda. The Simplified Color Mode is the default mode.

5.3.1 Simplified Color Mode

● There are 5 default color modes for your options (Full Color, Black on White, White on Black, Yellow on Blue and Yellow on Black). Twist the Color Mode Knob to select the most appropriate color mode.

● Short press the Color Mode Knob to switch between full color and the last high contrast color.

5.3.2 Advanced Color Mode

● Press and hold the Color Mode Knob until you hear a beep to enter into the Advanced Color Mode. Twist the Color Mode Knob to choose your favorite color among 17 Color Modes. (Full Color, Black on White, Blue on White, Blue on Yellow, Black on Yellow, Black on Purple, Black on Light Blue, Black on Orange, Black on Green, White on Black, White on Blue, Yellow on Blue, Yellow on Black, Purple on Black, Light Blue on Black, Orange on Black, Green on Black).

● Short press the Color Mode Knob to switch between full Color and your current high contrast color.

● Press and hold the Color Mode Knob until you hear a beep,

then the screen display will go back to the Simplified Color
Mode.

5.4 Brightness Adjustment

● The default brightness level is 50%.

● Twist the Brightness Knob to adjust brightness rate you
prefer from 0%-100%. The brightness rate icon on the left
top of screen will disappear automatically without operation
in 2 seconds.

● Twist clockwise to be brighter and twist counter-clockwise
to be dimmer.

5.5 LED Light Brightness Adjustment

● Press and hold the Brightness Knob until you hear a beep,
and you will see the Light icon on the left top of screen.
Then adjust brightness of the LED Lights from level 1 to 5.

● The default brightness level of the LED Light is 3.

● Twist clockwise to be brighter; Twist counter-clockwise to
be dimmer.

5.6 Demo Mode

● Press and hold the Magnification Knob and Color Mode
Knob simultaneously for 5 seconds to enter into Demo
Mode. Then the Panda will automatically demonstrate 3

main functions.

● Short press the Power On/Off Button to exit from Demo Mode.

5.7 Memorizing Settings

● The Panda will start with the last viewing modes automatically after power on.

5.8 Reset to Default

● Press and hold the Brightness Knob and Magnification Knob simultaneously for 5 seconds, then the Panda will recover the factory default settings.

6. Troubleshooting

● LCD screen remains blank after power on.

-Ensure the outlet has power and the plug is fully inserted into the socket.

-Make sure that the power cord on monitor is connected firmly.

● Buttons don't work.

Make sure all cables are well connected.

● The image on the screen is dark or distorted.

Remove or replace the reading materials on the XY table.

● The screen is frozen or distorted.

● Restart the unit. If it doesn't work, please turn off the Power On/Off Button and then restart the unit.

7. Technical Specifications

● Camera: Standard Definition, Autofocus, Resolution Ratio: 720x480p;

● 19" movable & tillable LCD screen, Resolution Ratio: 1440x900p;

● Magnification Range: 2X – 70X;

● Color Modes: Full color + 16 high contrast colors; 5 simplified colors;

● Functions: Magnification adjustment; Brightness adjustment; LED lights adjustment; Last settings saving (including magnification, brightness and LED brightness); Factory default settings recovery;

● Free Working Height under the Camera: 26cm;

● Total Weight: <18kg;

● Power Adapter：

Put-in: 100-240V, 50/60HZ

Put-out: 5V, 2A

● Operation Conditions:

Temperature: 0˚ C~+40˚ C

Humidity: <70%;

● Storage Conditions:

Temperature: -10˚ C~+55˚ C

Humidity: <90%.

8. Other Products from ZOOMAX

Snow 7"		Snow 7 HD is a creative design that offers real-time crisp images on the ergonomically settled wide screen, and is still the easiest to use. With its small book size and only 16.93 ounce, Snow 7 HD can be taken and used to read closely and see at a distance anywhere, home, school, office, bus stop, shop, etc.
Snow 4.3"		Snow is given the most advanced image technology and best camera. It offers sharp image even at the lowest magnification and under the fast movement. No learning but easy to use skillfully at the very beginning with the large button. You can read and write even when you are travelling.
Butterfly 3.5"		Pocketsize video magnifier, Butterfly is designed for the people's outdoor use. Because of its lightest weight and most compact size, Butterfly can be hung around the neck or kept in the pocket, handbag or even purse. You may use it to read price label, menu and see things around you anytime conveniently.
Aurora HD		Aurora HD is a new foldable desk video magnifier which integrates the advanced camera technology. It cares for your distinct operation needs at different operating levels. It offers you comfortable image, less for eye strain. There are basic and advanced operation modes for your choice.