

VISUAL PRESENTER

User`s Manual



Please read the manual carefully before operation and keep it for the future reference

! WARNING: In order to avoid fire or get electric shock, please don't expose the machine in rain or humidity environment. There are dangerous high voltage fittings, please don't open the cover of the machine. Call for an expert to repair it when necessary.

We hope the manual will help you to enjoy the full convenience of the visual presenter. Please read the manual carefully before operation, and keep it for future reference.

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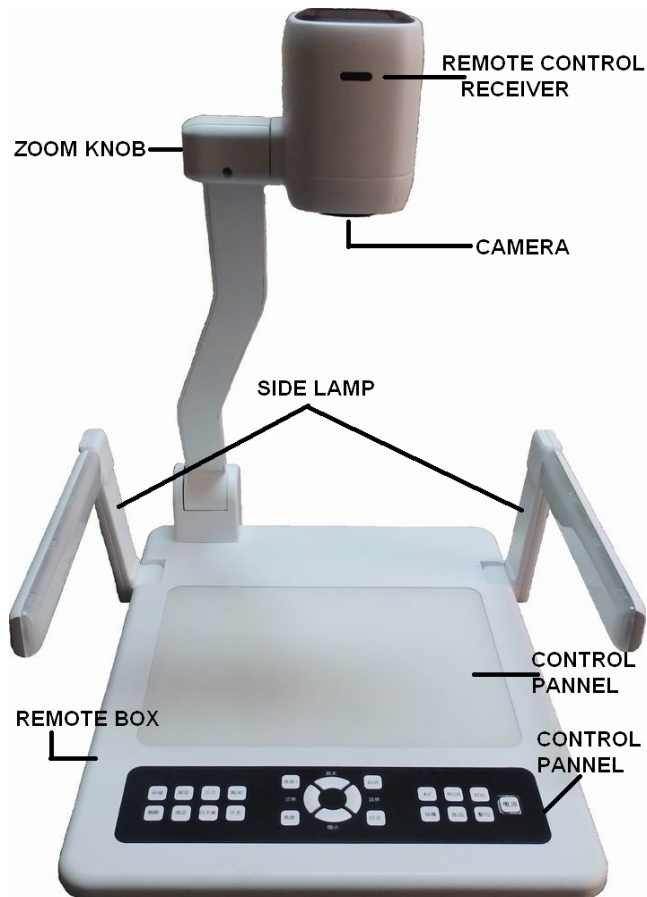
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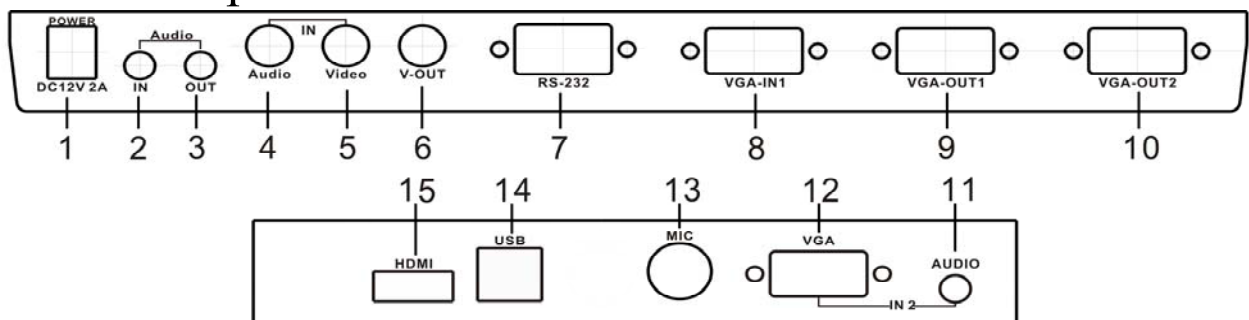
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☆ Components and functions:

·General:

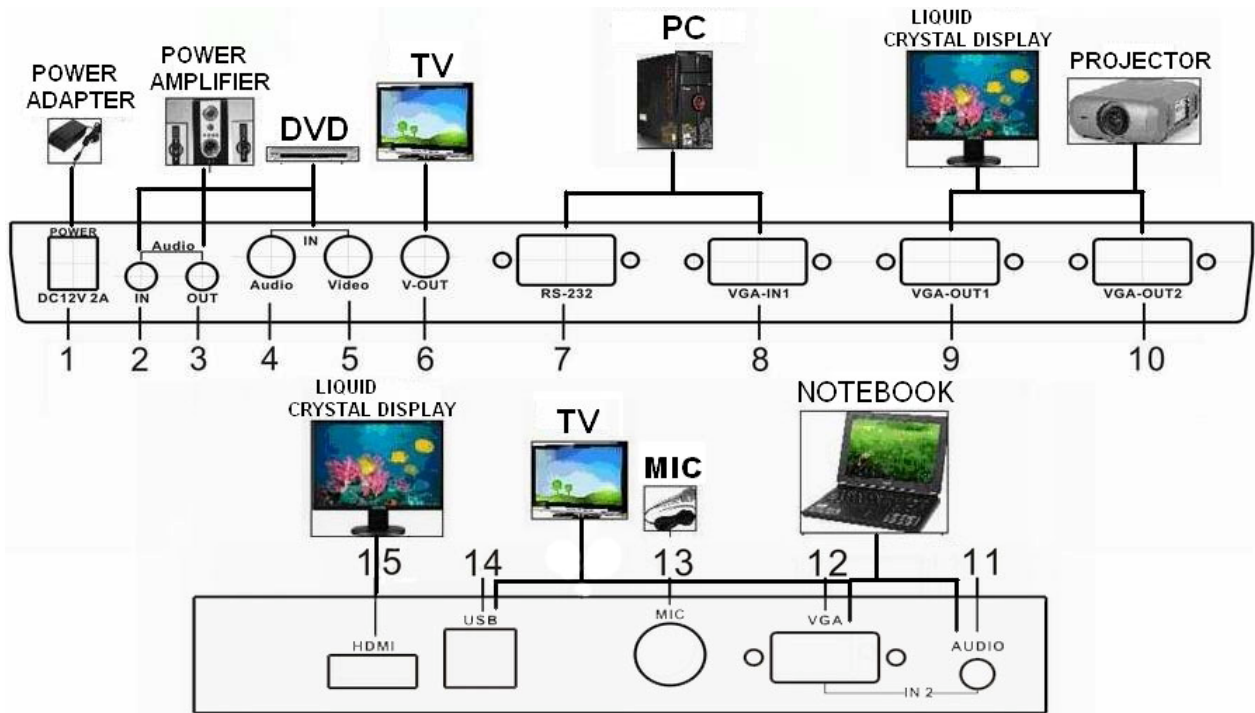


·Rear/Side panel:



- 1、 Power Supply(DC12V,2A);
- 2、 Stero Audio In1;
- 3、 Stero Audio Out;
- 4、 DVD Audio In;
- 5、 DVD Video In;
- 6、 Composite Video Out;
- 7、 RS232 Control Port;
- 8、 Extern VGA In1;
- 9、 VGA OUT1;
- 10、 VGA OUT2;
- 11、 Stero Audio In2;
- 12、 Extern VGA In2;
- 13、 Microphone;
- 14、 USB Port ;
- 15、 HDMI Port (Optional) .

☆ Connection to the periphery equipment:



☆ Basic operation:

·Open:



·Close:



☆ Operation methods:

Four operation control modes: 1. front panel button; 2. infrared remote control; 3. RS-232 control port. The manifold methods can be used individually or mixed.

1. Front panel: (refer to the actual object)

• Power On/Off:

DC 12 v power supply connects to display terminal after 1 month, power light turns red, the light of "computer 1" lights up, the surface 1 signal output computer at this time; Press the "power" button, the power indicator light flashing, wait a moment, into a green light for a long, double side lamp lights up slowly, that machine is started successfully; At this point, the "computer 1" light out the "native" light is lit up, on behalf of the output signal of the unit. In the boot state, press the "power" button, except the power indicator light, the "computer 1" light and other light is completely destroyed, into a state machine outside the power switch input.

• Lamp choice:

Press "LAMP" key, can circulate the choice open or close to the top lamp or base lamp.

Note: The light will gradually bright (or destroy), gradually change lights will make a sudden change in the users and the lens are not because the light and produce discomfort!

• signal source choice:

Boot default output signal to the machine, then, "the native" indicator; Press "AV" button, you can switch outside the AV and native AV status at the same time "AV" and "the native AV" indicator light will light up accordingly; Press "RGB" button, you can switch the machine VGA signals and computer 1, 2, the corresponding indicator light "native", "computer 1" "computer 2" indicator light will light up. If the signal in the native state of AV, press the "RGB" first it will switch back to the "native" signal. The cycle.

• Zoom adjustment:

Adjust zoom to change the zoom range of the current camera, press the "TELE" or "WIDE" button once or constantly to enlarge or reduce the picture gradually or continuously.

Note: stick with a zoom knob, button, and gently, magnify images; The toggle button is narrow; the opposite direction Such design lets the

operator can be more convenient operation!

Note: do not frequent operations "zoom in" and "narrow" key and rear can be the next steps the automatic focusing, otherwise the lens before action and cause out of control!

•**Focus adjustment:**

Press the "AF/MF"key to enter the MF , then press the "NEAR"or"FAR"key to adjust the manual focus gradually or continuously. Press the "AF/MF"button to go back to the auto focus.

•**Brightness adjustment:**

Press the "BRI+"key to increase the brightness of image; Press the "BRI-"key to reduce the brightness of image.

•**Sharpness adjustment:**

Press the "SHARP+"key to increase the sharpness of image; Press the "SHARP-"key to reduce the sharpness of image.

•**AWB:**

Press the "AWB" key to automatic adjustment image color according to the environment.

•**Freeze function :**

Press the "FREEZE"key to freeze the image of the camera. It is convenient to watch the image carefully. The function will be cancelled when press "FREEZE" key once again.

•**Positive/negative:**

To watch the negative of the image, press the "NEGA"key, the image will be in negative. Press it once again, the image will be in positive.

•**Split function :**

Press "SPLIT" key, freeze the right half in image part, the left half still be alive, it is convenient to be compared with the right.

•**Save and Replay Image :**

SAVE: Press "SAVE" button, and the "CAMERA" will three flashes lights hint has stored a picture, a maximum of 32, beyond, from the first picture.

The saved image disappears when the power is cut off.

VIEW: "Preview" button, the image will be stored 16 / screen is displayed; press the "Preview" button, then exit the preview state;

ENTER : When the preview press the "ENTER" button, you can zoom in on a one view; press the "left and right" key to view the picture up and down, easy to observe the different stages of the stored image. Press the

"ENTER" button to return to preview state;

•**Text:**

Press the button of "text" to make the visual presenter in text mode, the letters of the manuscript become much clear. Press it again to go back to the picture

•**RESET:**

Press the "RESET" key to initialize the machine Mode.

2. Remote control:

KEY	FUNCTION
POWER	Power on/off
RESET	Restore the default parameter
LAMP	Turn on base lamp or top lamp
SOURCE	Select the output signal
SAVE	Store one frame image into memory
VIEW	Hold the picture that manifestation save together
FREEZE	Freeze the image of camera
UP	Move cursor up
DOWN	Move cursor down
LEFT	Move cursor left
RIGHT	Move cursor right
TEXT	Enter into the TEXT display mode
VOL-	Reduce audio volume
VOL+	Add audio volume
BRI+	Turn up image brightness
BRI-	Turn down image brightness
SHARP+	Turn up image sharpness
SHARP-	Turn down image sharpness
RED+	Increase image color in red actor
RED-	Reduce image color in red actor
BLUE+	Increase image color in blue actor
BLUE-	Reduce image color in blue actor
AWB	Auto adjust image color according to the environment
NEGA	Display the picture by positive or negative
TELE	Image enlargement
WIDE	Image reduction
AF	Automatic focusing
NEAR	Focus in
FAR	Focus out
B.W/C	Monochromic / colorful switch
MIRROR	Reverse image in the horizontal direction

3. RS232 control:

- To connect the machine and a computer with the RS-232 cable.
- Under Windows9X/2000/XP interface, insert the disk in the disk drive, double click the file of” visual presenter.exe”, install the program according to the hints, then load “C:\AF\camera.exe” to enter the control interface of the computer.
- Select the COM1 or COM2, click the button of control interface of the computer to realize the operation control .

4. USB Control:

- To connect the machine and a computer with the USB cable , power on, this time computer will hint to find out the new hardware combines the auto lading drives the procedure, treating slightly, the computer hints the new hardware gearing complete to combine and can use;
- Copy the file named AMCAP.EXE to your computer hard dish from CD-ROM disk and run on it, you can capture image and recording .Please refer to the file named readme.txt from CD-ROM disk.

☆Daily Maintenance and Attention:

1. It is necessary to check if the power voltage and frequency is consistent

- before using. The socket of power supply should be three-pole, and the connection of zero line, live wire and earth wire must be right. The earth wire should be connected with earth reliably.
2. Before powering on, the earth wires among equipments connecting to all input and output terminals of the display platform must be connected well to prevent the equipment against the impact of static electricity and high voltage and avoid the unnecessary damages.
 3. The display platform is a kind of precision instrument. Please don't place it under the following operation environments of high temperature, moist, corrosive gas with acid base, dusty or shaking. When operating, the equipment must be placed on the solid platform, not tilted or infirm surface.
 4. Avoid the frequent turning on/off of power supply so as to prevent the camera probe against the shortening of lifetime.
 5. Please don't randomly and frequently turn on/off the fill-light lamp to avoid the impact on the modulating tube. The interval of turning on/off should be over 20 seconds.
 6. To place the camera probe towards powerful light source is strictly prohibited, e.g. sunshine.
 7. When moving the display platform, please turn off its general power supply, unplug the power cable and put down the main arm before moving. Don't take the main arm by hand to move the display platform.
 8. Strictly forbid any liquid from flowing in the display platform.
 9. The power supply must be turned off before cleaning the display platform. When cleaning, please wipe it with dry cloth. Don't use thinner, vaporized gasoline, pesticide, etc.
 10. Strictly forbid dismounting any parts or performing maintenance without permission. If fail to run normally, please assign a qualified maintainer for repairing.
 11. Please cover the display platform with cloth or plastic bag when it is not used in a long time.
 12. Please keep the equipment away from children.

☆Trouble Shooting Hints:

Symptoms	Possible causes/measurements
No images on TV monitor	Cable is not properly connected to the video-in terminal of the monitor;
	The power cord is disconnected from the AC outlet on the wall;
	Power is not turned on;
	The power of the camera is off, press the button of “power” of the remote control to open the power of the camera;
	Input or output selection is not correct;
	The camera cover isn’t taken off.
Out of focus	The object is too close to the lens. Make the distance between the object and the lens more than 330mm;
	Bright object or one that is with strong reflecting light surface. Adjust the outside light;
Dark picture	No enough illuminant, open the upper light;
	The brightness is small, adjust the brightness.
Remote control lost the control function	The battery is not right loaded, load it again;
	The battery become thin, change a new battery;
	There is obstacle between remote control and visual presenter, remove it.
	Not level the infrared receiver, level it;
	The distance is too far, use it within 500cm

☆Specifications:

Optical system	Lens	F=1.4-2.6;f=3.9-39mm
	Shooting Area	Max: 340 × 260 mm
	Zoom	10X Optical ,8X Digital zoom
	Focus	Auto/manual
	Exposure	Auto/manual
Image system	Image sensor	1/2.7" CMOS SENSOR
	Total pixels	8Mega pixels
	Horizontal Resolution	1000TVLine
	Frame rate	30 fps(max) XGA、720P、SXGA、1080P
	S/N	50DB or more
	White Balance	Auto/manual
	VGA OUTPUT	H: (48.4/60±0.25) KHZ V: (60/75±0.2) HZ
Video system	TV system	PAL
	Composite Video	1V ± 0.2Vp-p 75Ω
	Audio	-10dB 10KΩ or more
Light system	Top Lamp	1W × 2 ,LED
	Base Lamp	1W × 1 ,LED
Signal Choice	Video	Extern Video and Audio
	VGA	Local/Extern VGA1/Extern VGA 2
Input Port	VGA	D-SUB 15 Socket×2
	Composite Video	RCA Socket×1
	Audio	RCA Socket × 1, ∅ 3.5 mm Stereo Socket×2
	MIC	∅ 6.35 Socket × 1 (-60dB 600Ω)
	RS-232	D-SUB 9 Socket×1
Output Port	VGA	D-SUB 15 Socket× 2
	Composite Video	RCA Socket × 1
	Audio	∅ 3.5 mm Stereo Socket×1
	USB	USB2.0× 1
Image Memory	Built-in Flash Memory (max:32)	
Image effect	Color /B/W/Negative/Mirror/Reverse/Freeze	
Controlling method	Control panel, remote control,RS232	
Operating conditions	Power supply	DC12V,2A
	Power consumption	≤40W
	Temperature	0°C ~ 40°C
Dimension	WX DXH	Setup: 450X370X500mm
		Folded: 482X370X114mm

Note: If there are any change in specifications, please be subject to the actual product without prior information.