



# A-NEUVIDEO ANI-8MFS 8 Input Multi Format Scaler Switch Instruction Manual

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**A-NEUVIDEO ANI-8MFS 8 Input Multi Format Scaler Switch**



## PACKAGE CONTENTS

Before attempting to use this unit, please check the packaging and make sure the following items are contained in the shipping carton:

- ANI-8MFS Multiple Inputs to HDMI/VGA Scaler
- 15-pin D-Sub to a 3-RCA Adaptor Cable
- IR Extender Cable
- Remote Control (ANI-122)
- 5V/3A Universal Power Adaptor w/ worldwide adapters
- Rack Mounting ears

## SAFETY INFORMATION

1. To ensure the best results from this product, please read this manual and all other documentation before operating your equipment. Retain all documentation for future reference.
2. Follow all instructions printed on unit chassis for proper operation.
3. To reduce the risk of fire, do not spill water or other liquids into or on the unit, or operate the unit while standing in liquid.
4. Make sure power outlets conform to the power requirements listed on the back of the unit. Keep unit protected from rain, water and excessive moisture.
5. Do not attempt to clean the unit with chemical solvents or aerosol cleaners, as this may damage the unit. Dust with a clean dry cloth.
6. Do not use the unit if the electrical power cord is frayed or broken. The power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords and plugs, convenience receptacles, and the point where they exit from the appliance.
7. Do not force switched or external connections in any way. They should all connect easily, without needing to be forced.
8. Always operate the unit with the AC ground wire connected to the electrical system ground. Precautions should be taken so that the means of grounding of a piece of equipment is not defeated.
9. AC voltage must be correct and the same as that printed on the rear of the unit. Damage caused by connection to improper AC voltage is not covered by any warranty.
10. Turn power off and disconnect unit from AC current before making connections.
11. Never hold a power switch in the "ON" position.
12. This unit should be installed in a cool dry place, away from sources of excessive heat, vibration, dust, moisture and cold. Do not use the unit near stoves, heat registers, radiators, or other heat producing devices.
13. Do not block fan intake or exhaust ports. Do not operate equipment on a surface or in an environment which

may impede the normal flow of air around the unit, such as a bed, rug, carpet, or completely enclosed rack. If the unit is used in an extremely dusty or smoky environment, the unit should be periodically “blown free” of foreign dust and matter.

14. To reduce the risk of electric shock, do not remove the cover. There are no user serviceable parts inside. Refer all servicing to qualified service personnel. There are no user serviceable parts inside.
15. When moving the unit, disconnect input ports first, then remove the power cable; finally, disconnect the interconnecting cables to other devices.
16. Do not drive the inputs with a signal level greater than that required to drive equipment to full output.
17. The equipment power cord should be unplugged from the outlet when left unused for a long period of time.
18. Save the carton and packing material even if the equipment has arrived in good condition. Should you ever need to ship the unit, use only the original factory packing.
19. Service Information Equipment should be serviced by qualified service personnel when:
  - A. The power supply cord or the plug has been damaged.
  - B. Objects have fallen, or liquid has been spilled into the equipment.
  - C. The equipment has been exposed to rain.
  - D. The equipment does not appear to operate normally, or exhibits a marked change in performance.
  - E. The equipment has been dropped, or the enclosure damaged.

## **INTRODUCTION**

The ANI-8MFS is a multi-input scaler has Composite Video, Component Video, PC (VGA) and HDMI inputs and can switch and scale the signal to HDMI or VGA with audio outputs. It supports HDMI output resolutions up to 1080p/WUXGA and Analog Digital Conversion (ADC) and Digital Analog Conversion (DAC) allowing a wide range of AV signals to be displayed on a HDMI or VGA display. Further, the On-screen Display (OSD), IR remote, RS-232, IP and on-panel controls make this product very versatile. This product has a 3-year warranty.

## **SYSTEM REQUIREMENTS**

Source equipment such as Blu-ray/DVD players or PC/Laptop and output to displays, AV Receivers or active speakers.

## **APPLICATIONS**

- Analog and digital source integration
- Upscaling standard-definition video for high-definition displays
- Conference centers
- Lecture halls
- Schools and universities

## **SAFETY PRECAUTIONS**

Please read all instructions before attempting to unpack, install or operate this equipment and before connecting the power supply. Please keep the following in mind as you unpack and install this equipment:

- Always follow basic safety precautions to reduce the risk of fire, electrical shock and injury to persons.
- To prevent fire or shock hazard, do not expose the unit to rain, moisture or install this product near water.
- Never spill liquid of any kind on or into this product.

- Never push an object of any kind into this product through any openings or empty slots in the unit, as you may damage parts inside the unit.
- Do not attach the power supply cabling to building surfaces.
- Use only the supplied power supply unit (PSU). Do not use the PSU if it is damaged.
- Do not allow anything to rest on the power cabling or allow any weight to be placed upon it or any person walk on it.
- To protect the unit from overheating, do not block any vents or openings in the unit housing that provide ventilation and allow for sufficient space for air to circulate around the unit.

## **DISCLAIMERS**

The information in this manual has been carefully checked and is believed to be accurate. We assume no responsibility for any infringements of patents or other rights of third parties which may result from its use. We assume no responsibility for any inaccuracies that may be contained in this document. We make no commitment to update or to keep current the information contained in this document. We reserve the right to make improvements to this document and/or product at any time and without notice.

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## **TRADEMARK ACKNOWLEDGMENTS**

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## **FEATURES & SPECIFICATIONS**

### **FEATURES**

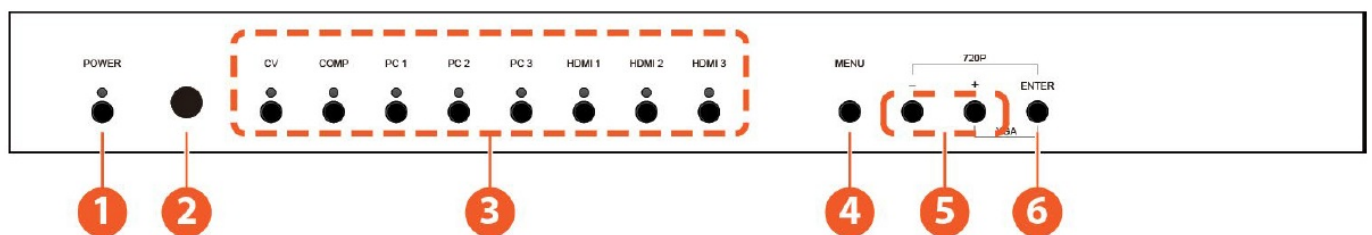
- Supports switching and scaling of multiple AV inputs to HDMI or PC/HD outputs
- Supports EDID and HDCP
- Supports 3D de-interlace, noise reduction and 3D comb filter
- Supports frame rate conversion
- Supports RS-232, IP (Telnet/WebGUI) and IR controls
- Supports output timing hot keys switching
- HDMI compatible with DVI
- Supports Digital to Analog (DAC) and Analog to Digital (ADC) Audio conversion
- Supports non-HDCP signal of Apple computers

### **Specifications**

- Input Ports:
- (3)HDMI
- (3) VGA (15-pin D-sub)
- Component Video
- Composite Video

- (6) 3.5mm Stereo Audio
- (4) RCA Stereo Audio
- IR Extender (3.5mm)
- RS-232 (9-pin D-sub)
- IP Control (RJ45)
- USB (Service)
- Output Ports:
- (2) HDMI
- VGA (15-pin D-sub)
- Coaxial Audio
- 3.5mm Stereo Audio
- Input Resolution: Up to 1080p/UXGA
- Output Resolution: Up to 1080p/WUXGA (RB)
- Power Supply: 5 V/3 A DC (US/EU standards, CE/FCC/UL certified)
- Dimensions (WxDxH): 17 x 7.2 x 1.9 in (432x183x47mm)
- Weight: 4.7lb/2140g
- Chassis Material: Metal
- Silkscreen Color: Black
- Operating Temperature: 0°C~40°C/32°F~104°F
- Storage Temperature: -20°C~60°C/-4°F~140°F
- Relative Humidity: 20~90%RH (non-condensing)
- Power Consumption: 11W

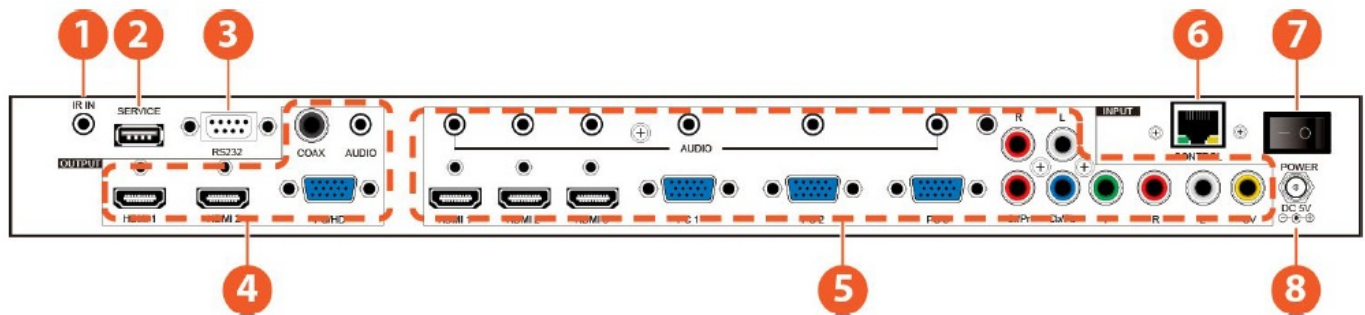
## FRONT PANEL



1. **POWER & LED:** Press this button to switch the device on or to set it to standby mode. Once the device is connected to an active power supply and the Power Switch on the back panel is turned on, the LED will illuminate and the device will switch on automatically.
2. **IR WINDOW:** Receives only the IR signal from the remote control included in the package.
3. **INPUT & LEDS:** Press these buttons to switch directly to the required source. An LED will illuminate to indicate the selected input source.
4. **MENU:** Press this button to enter the On-screen Display (OSD) menu.
5. **PLUS/MINUS (-/+):** Press these buttons to navigate down and up in the OSD menu.
6. **ENTER:** Press this button to confirm the selection in the OSD menu.

**NOTE:** Press this button simultaneously with the '+' (plus) button to instantly switch the output to XGA resolution or with the '-' (minus) button to instantly switch the output to 720p resolution.

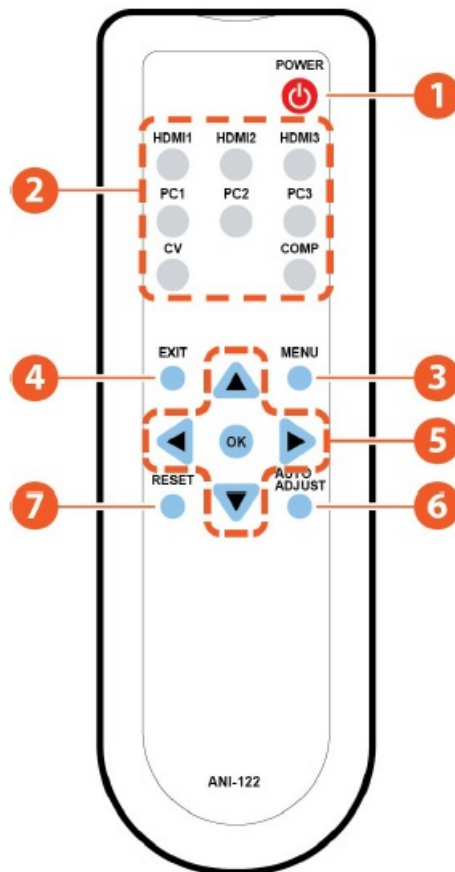
## BACK PANEL



1. **IR IN:** Connect the supplied IR extender to receive the IR signal from the included IR remote. Ensure that the remote is within the direct line-of-sight of the IR extender.
2. **SERVICE:** Reserved for manufacturer use only.
3. **RS-232:** Connect to a PC/Laptop or RS-232 control system to use RS-232 commands to control the device.
4. **OUTPUT:**
  1. HDMI 1~2: Connect to an HDMI display or AV Receiver for video and/or audio output.
  2. PC/HD: Connect to a monitor/display for video output. For HD (Component) output, use the supplied D-Sub 9pin to 3-RCA adaptor cable for HD resolutions from 480p~1080p.  
**NOTE:** When the selected HDMI input source signal has HDCP content the VGA/Component output will not display any image.
  3. COAX: Connect to an amplifier or active speakers for audio output in digital format.  
**NOTE:** When the input audio source signal is in bitstream format and the AUDIO SOURCE setting is set to AUTO in the OSD menu, the coaxial output will bypass the input audio signal including compatible surround sound formats.
  4. AUDIO: Connect to an amplifier or active speakers for audio output in stereo format.
5. **INPUT:**
  1. HDMI 1~3: Connect to HDMI sources such as Blu-ray/DVD player for both video and audio signal conversion.
  2. PC 1~3: Connect to a PC/Laptop source for video signal input with a 15-pin D-Sub cable.
  3. 3.5mm MINI-JACKS: Connect to source's L/R output with 3.5mm mini-jack for audio signal conversion.  
**NOTE:** For HDMI signals you can select in the OSD Menu whether you require audio from the HDMI (AUTO) or from the analog audio inputs (EXT)
  4. YCbCr/YPbPr + L/R: Connect to source equipment such as a DVD player for both video and audio signal conversion.
  5. CV + L/R: Connect to a composite video source such as a video/DVD player for both video and audio signal conversion.
6. **CONTROL:** This port is the link for Telnet or WebGUI controls, connect to an active Ethernet link with an RJ45 terminated cable
7. **POWER:** Switch this power toggle to turn on and activate the device or turn off to shut it down.
8. **DC 5V:** Connect the power adaptor included in the package to the device and plug it into an AC wall outlet for power supply.

## Remote Control

- **POWER:** Press this button to switch the device on or to set it to standby mode.
- **HDMI 1~3, PC 1~3, CV & COMP:** Direct source selection keys. Press one of these keys to switch to the required source.
- **MENU:** Press this button to enter the OSD menu.
- **EXIT:** Press this button to exit the menu or the current selection in the OSD menu.
- **OK & ▲/▼/◀/▶:** Press OK to confirm the selection or press the arrow buttons to navigate the OSD menu. When the OSD menu is not active, use the LEFT/RIGHT (◀/▶) to control the volume level.
- **AUTO ADJUST:** Press this button when the image being outputted does not correctly fit the display's screen. The device will auto adjust the image to fill the screen.
- **RESET:** Press this button to reset the device back to the default settings.



## IR CODES

- **CUSTOM CODE:** 807F
- **POWER KEY:** 807F 82
- **HDMI 1:** 807F 88
- **HDMI 2:** 807F 89
- **HDMI 3:** 807F 8A
- **PC 1:** 807F 8C
- **PC 2:** 807F 8D
- **PC 3:** 807F 8E
- **CV:** 807F 90
- **COMP:** 807F 92
- **EXIT:** 807F C2
- **MENU:** 807F 99

- **UP:** 807F 9A
- **DOWN:** 807F 9E
- **LEFT:** 807F 9C
- **RIGHT:** 807F 98
- **OK:** 807F 9D
- **RESET:** 807F D8
- **AUTO/ADJUST:** 807F 84

## OSD Menu

MAIN MENU	SUB MENU	3RD MENU	4TH MENU
	<b>OUTPUT</b>	640×480 60	
		800×600 60	
		1024×768 60	
		1280×768 60	
		1360×768 60	
		1280×720 60	
		1280×800 60	
		1280×1024 60	
		1440×900 60	
		1400×1050 60	
		1680×1050 60	
		1600×1200 60	
		1920×1080 60	
		1920×1200 60	
		<b>1280x720p 60*</b>	
		1920x1080i 60	
		1920x1080p 60	
		720x576p 50	
		1920x1080i 50	
		1920x1080p 50	
		OVER SCAN	
		<b>FULL*</b>	
		FOLLOW INPUT	



<b>DISPLAY</b>	<b>SIZE</b>	PAN SCAN	
		LETTER BOX	
		UNDER 2	
		UNDER 1	
	<b>MODE INFO</b>	OFF	
		<b>INFO*</b>	
		ON	
	<b>INPUT HDCP</b> (HDMI source only )	OFF	
		<b>ON*</b>	

<b>MAIN MENU</b>	<b>SUB MENU</b>	<b>3RD MENU</b>	<b>4TH MENU</b>
<b>DISPLAY</b>		AUTO SETUP	
		H_POSITION	
		V_POSITION	
		PHASE	
		CLOCK	
	<b>PC (PC source only)</b>		<b>XGA*</b>
		WXGA/XGA	WXGA
		RESET	
	<b>TIMING SHIFT</b>	<b>OFF*</b>	
		ON	
	<b>CONTRAST</b>	0~60 (30)	
	<b>BRIGHTNESS</b>	0~60 (30)	
		R 0~1023 (512)	
		G 0~1023 (512)	

COLOR	COLOR	B 0~1023 (512)
		R OFFSET 0~1023 (512)
		G OFFSET 0~1023 (512)
		B OFFSET 0~1023 (512)
	HUE	0~60 (30)
	SATURATION	0~60 (30)
	SHARPNESS	0~30 (0)
	NR.	OFF*
		LOW
		MIDDLE
		HIGH
AUDIO	VOLUME	0~100 (100)
	DELAY	OFF*
		40ms
		110ms
		150ms
	SOUND	ON*
		MUTE
	SOURCE (HDMI mode only)* 1	AUTO*
		EXT.

MAIN MENU	SUB MENU	3RD MENU	4TH MENU
SETUP	FACTORY RESET* 2		
	KEY LOCK	OFF*	
		ON	
	POWER SAVE	OFF*	
		ON	
	IP MODE	DHCP*	
		STATIC	
	SET STATIC IP	IP ADDRESS	0.0.0.0~ 255.255.255.255*3
		SUBNET MASK	0.0.0.0~255.255.255.255*4
		DEF. GETWAY	0.0.0.0~255.255.255.255*5
INFORMATION	INPUT	BLACK	
		BLUE*	
	OUTPUT		
	REVISION		
	IP ADDRESS		

## NOTE

1. When AUDIO SOURCE sets to 'AUTO', if the selected HDMI input port is connected to an HDMI source, audio signal of the source will be used for output; if the selected HDMI input port is connected to a DVI source, audio signal from the 3.5mm phonejack on top of the selected HDMI input port will be used. When AUDIO SOURCE sets to 'EXT', only the audio signal from the 3.5mm phone-jack on top of the selected HDMI input port will be used for output.
2. The FACTORY RESET option in the OSD menu will only reset part of settings. For a complete reset of the system, please use the reset button on the remote control.
3. 192.168.0.1 (Default setting).
4. 255.255.255.0 (Default setting).
5. 192.168.0.254 (Default setting).
6. Items in BOLD with an asterisk (\*) are the Factory default settings. Items in brackets are the default values for those settings.

## RS-232 & Telnet Commands

COMMAND	ACTION			
S POWER 0/1	0=OFF 1=ON			
R POWER	Reports the numeric equivalent for <b>POWER</b>			
S SOURCE 1~8	1=HDMI 1 2=HDMI 2	3=HDMI 3 4=YPbPr	5=VIDEO 6=PC 1	7=PC 2 8=PC 3
R SOURCE	Reports the numerical equivalent for <b>SOURCE</b> setting (as above)			
S OUTPUT 0~21*1	0=640×480 1=800×600 2=1024×768 3=1280×768 4=1360×768 5=1280×720	6=1280×800 7=1280×1024 8=1440×900 9=1400×1050 10=1680×1050 11=1600×1200	12=920×1080 13=1920×1200 14=480p 15=720p@60 16=1080i@60 17=1080p@60	18=576p 19=720p@50 20=1080i@50 21=1080p@50
R OUTPUT	Reports the numerical equivalent for <b>OUTPUT</b> setting (as above)			
S SIZE 0~6	0=OVERSCAN 1=FULL	2=FOLLOW INPUT 3=PAN SCAN	4=LETTER BOX 5=UNDER 2	6=UNDER 1
R SIZE	Reports the numerical equivalent for <b>SIZE</b> setting (as above)			
S INPUT HDCP 0/1	0=ON		1=OFF	
R INPUT HDCP	Apple Computers Only. Reports the numerical equivalent for <b>INPUT HDCP</b> setting (as above)			
S SYNCSHIFT 0/1	0=ON		1=OFF	
R SYNCSHIFT	Reports the numerical equivalent for <b>SYNCSHIFT</b> setting (as above)			
S CONTRAST 0~60	Sets the numerical equivalent for <b>CONTRAST</b> setting (0~60)			
R CONTRAST	Reports the numerical equivalent for <b>CONTRAST</b> setting			
S BRIGHTNESS 0~60	Sets the numerical equivalent for the <b>BRIGHTNESS</b> setting (0~60)			
R BRIGHTNESS	Reports the numerical equivalent for the <b>BRIGHTNESS</b> setting			
S HUE 0~60	Sets the numerical equivalent for the <b>HUE</b> setting (0~60)			
R HUE	Reports the numerical equivalent for the <b>HUE</b> setting			
S SATURATION 0~60	Sets the numerical equivalent for the <b>SATURATION</b> setting (0~60)			
R SATURATION	Reports the numerical equivalent for the <b>SATURATION</b> setting			
S SHARPNESS 0~30	Sets the numerical equivalent for the <b>SHARPNESS</b> setting (0~60)			
R SHARPNESS	Reports the numerical equivalent for <b>SHARPNESS</b> setting			

<b>S NR 0~3</b>	0=OFF	1=LOW	2=MIDDLE	3=HIGH
<b>R NR</b>	Reports the numerical equivalent for the <b>NOISE REDUCTION</b> setting (as above)			
<b>S VOLUME 0~100</b>	Sets the numerical equivalent for <b>VOLUME</b> setting (0~100)			
<b>R VOLUME</b>	Reports the numerical equivalent for <b>VOLUME</b> setting			
<b>VOL +</b>	Raises the volume level (VOLUME* IS SET)			
<b>VOL –</b>	Lowers the volume level (VOLUME* IS SET)			
<b>S AUDIO DELAY 0~3</b>	0=OFF	1=40ms	2=110ms	3=150ms
<b>R AUDIO DELAY</b>	Reports the numeric equivalent for the <b>AUDIO MUTE</b> setting (as above)			

COMMAND	ACTION		
S HDMI AUDIO 0/1	0=AUTO	1=EXT	
R HDMI AUDIO	Reports the numeric equivalent for <b>HDMI AUDIO</b> setting (as above)		
S KEY LOCK 0/1	0=ENABLE	1=DISABLE	
R KEY LOCK	Reports the numeric equivalent for <b>KEY LOCK</b> setting (as above)		
S FREERUNCOLOR 0/1	0=BLACK	1=BLUE	
R FREERUNCOLOR	Reports the numerical equivalent for the <b>FREE RUN COLOR</b> setting (as above)		
S RESET 1	Sets the numerical equivalent for <b>RESET</b>		
PORT 0~8	0=LAST MEMO RY  1=HDMI 1  2=HDMI 2	3=HDMI 3  4=YPbPr  5=VIDEO	6=PC 1  7=PC 2  8=PC 3
ST	Checks the <b>FIRMWARE</b> version and <b>SOURCE</b> information: 0.00~x.xx SOURCE: HDMI ~ PC3 PORT ON: LAST ~ PC3		
QUIT	Exit (Telnet Only)		

#### NOTE:

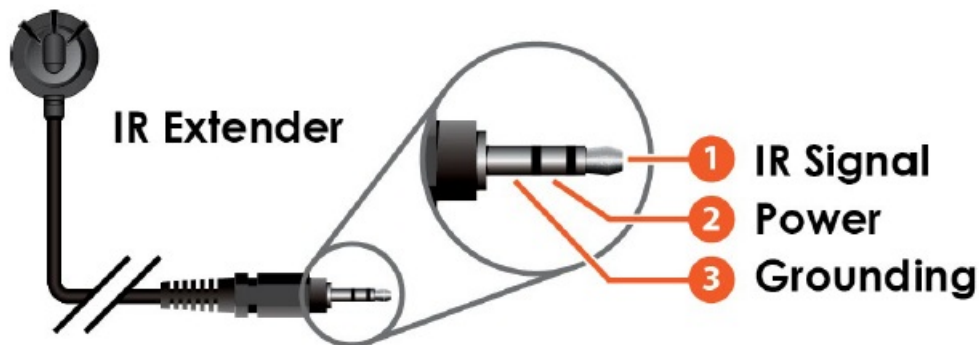
1. Resolution settings 0~13 are RGB encoded. Resolution settings 14~21 are YUV encoded.
2. RS-232 commands will be not executed unless followed with a carriage return (CR) command and a Line feed (LF) command. Commands are NOT case-sensitive.

#### RS-232 & IR CABLE Pin Assignment

ANI-8MFS		Remote Control Console	
PIN	Assignment	PIN	Assignment
1	NC	1	NC
2	Tx	2	Rx
3	Rx	3	Tx
4	NC	4	NC
5	GND	5	GND
6	NC	6	NC
7	NC	7	NC
8	NC	8	NC
9	NC	9	NC

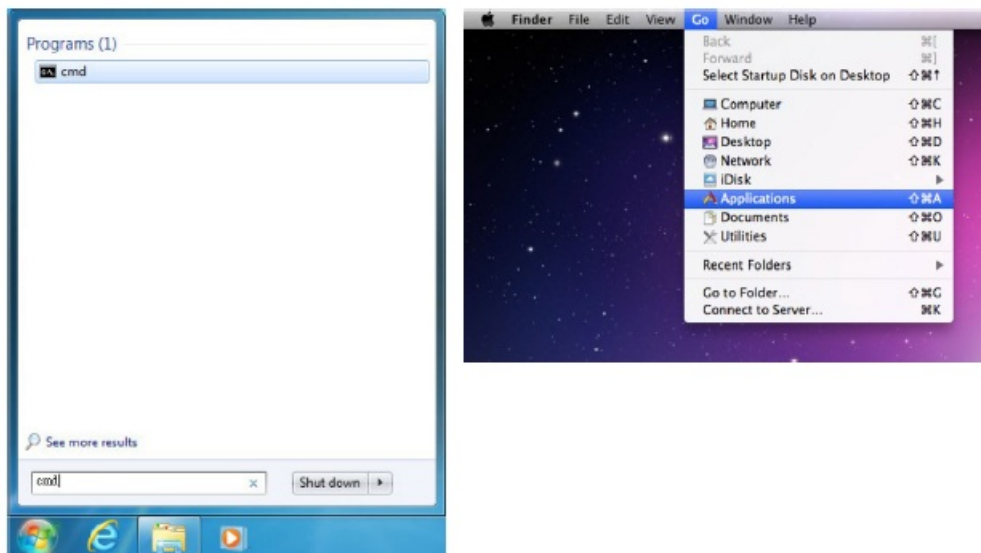
- **Baud Rate:** 19200bps
- **Data bit:** 8 bits
- **Parity:** None
- **Flow Control:** None
- **Stop Bit:** 1

RS-232 commands will be not executed unless followed with a carriage return (CR) command and a Line feed (LF) command. Commands are NOT case-sensitive.



## TELNET Control

Before attempting to use TELNET control, please ensure that both the Scaler (via the LAN port) and the PC/Laptop r control system being used are connected to the same active network. To access TELNET in Windows 7, click on the “Start” menu and type “cmd” in the search field, then press “Enter”. Under Windows XP go to the “Start” menu, click on “Run”, type “cmd” then press “Enter”. Under Mac OS X, go to Go → Applications → Utilities → Terminal. See below for reference.



Once in the CLI (Command Line Interface) type “TELNET”, along with the IP address of the unit you wish to control.

**NOTE:** The IP address can be obtained from the OSD menu under Information. If the IP is changed then the IP Address required for Telnet access will also needs to be change accordingly.

```
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\Administrator>telnet 192.168.5.80 23
```

Type ‘?’ to list all the available commands.

**NOTE:** All commands will not be executed unless followed by a carriage return. Commands are NOT case-sensitive.

```
S POWER n          // n:0~1 ,0:Off 1:
R POWER           //
S SOURCE n         // n:1~8
R SOURCE          //
S OUTPUT n         // n:0~21
R OUTPUT          //
S SIZE n           // n:0~6
R SIZE            //
S INPUTHDCP n      // n:0~1 ,0:On 1:0
R INPUTHDCP       //
S CONTRAST n       // n:0~60
R CONTRAST        //
S BRIGHTNESS n    // n:0~60
R BRIGHTNESS      //
S HUE n            // n:0~60
R HUE             //
S SATURATION n     // n:0~60
R SATURATION       //
S SHARPNESS n      // n:0~30
R SHARPNESS        //

S NR n            // n:0~3
R NR              //
S VOLUME n        // n:0~100
R VOLUME          //
S AUDIODELAY n    // n:0~3
R AUDIODELAY      //
S AUDIOMUTE n     // n:0~1 ,0:On 1:Mute
R AUDIOMUTE       //
S HDMIAUDIO n     // n:0~1 ,0:Auto 1:Ext.
R HDMIAUDIO       //
S KEY LOCK n      // n:0~1 ,0:On 1:Off
R KEY LOCK        //
S FREERUNCOLOR n  // n:0~1 ,0:Black 1:Blue
R FREERUNCOLOR    //
S RESET n         // n:1
PORT n            // n:0~8
ST                // Show Status & fw version
VOL +             // Volume Up
VOL -             // Volume Down
```

## WebGUI Control

On a PC/Laptop that is connected to same active network as the Scaler, open a web browser and type the

device's IP address on the web address entry bar. The browser will bring up the control page of the Scaler (see below for reference).

The screenshot displays the Scaler control interface with the following sections:

- POWER:** POWER: ON
- INPUT:** SOURCE: PC
- STATUS:** INPUT: 1280x720(60)  
OUTPUT: 1280x720 60  
REVISION: 3.38
- DISPLAY:**
  - OUTPUT: 1280x720 60
  - SIZE: FULL
  - MODE INFO: INFO
  - INPUT HDCP: ON
  - PC: AUTO SETUP: NO
  - H-POSITION: 50
  - V-POSITION: 30
  - PHASE: 31
  - CLOCK: 1664
  - WXGA/XGA: XGA
  - RESET: NO
- COLOR:**
  - CONTRAST: 30
  - BRIGHTNESS: 30
  - R: 512
  - G: 512
  - B: 512
  - R OFFSET: 512
  - G OFFSET: 512
  - B OFFSET: 512
  - HUE: 30
  - SATURATION: 30
  - SHARPNESS: 0
  - NR: OFF
- AUDIO:**
  - VOLUME: 100
  - DELAY: OFF
  - SOUND: ON
  - SOURCE: AUTO
- SETUP:**
  - FACTORY RESET: NO
  - KEY LOCK: OFF
  - POWER SAVE: OFF

**NOTE:** The IP address can be obtained from the OSD menu under Information. If the IP is changed then the IP Address required for Telnet access will also need to be changed accordingly.

## Input & output Resolutions

### Input ResolutionS

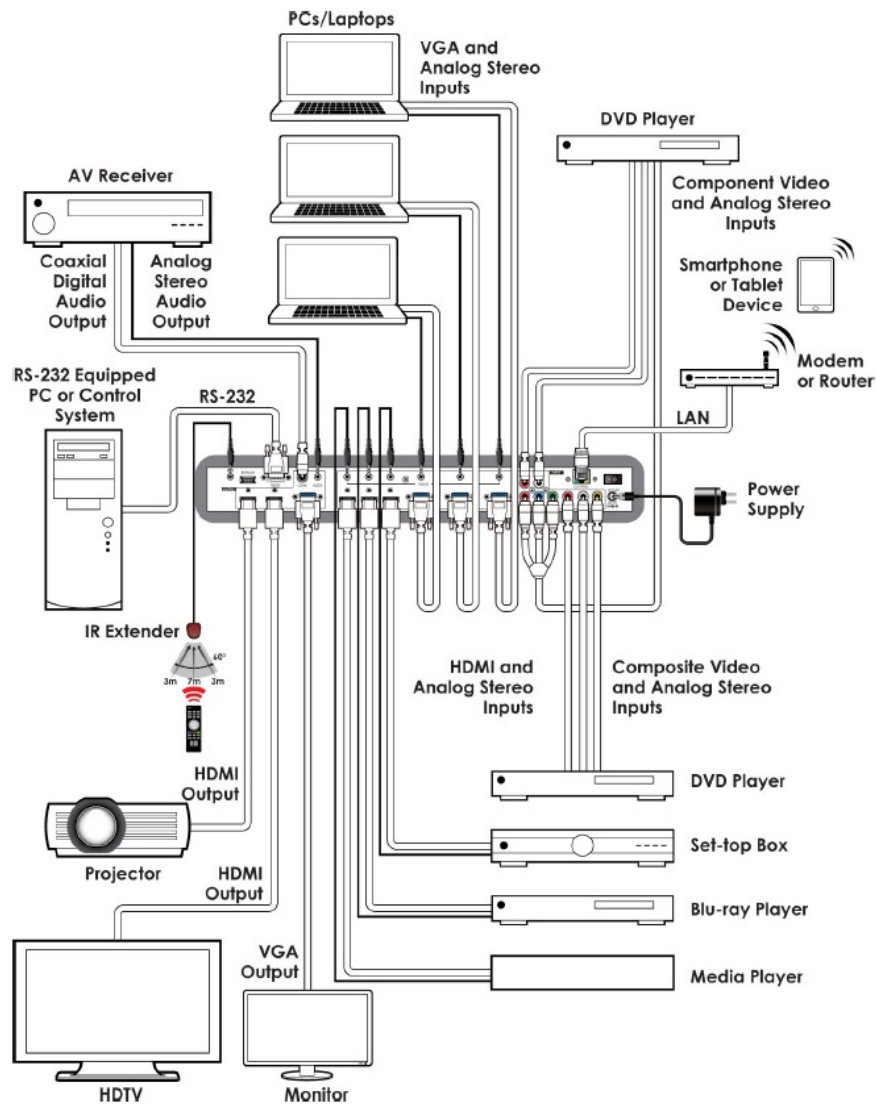


RESOLUTION	CV	YCbCr/YPbPr	PC	HDMI
NTSC/PAL	✓	X	X	X
480i/576i	X	✓	X	✓
480p/576p	X	✓	X	✓
720p@50/60	X	✓	X	✓
1080i@50/60	X	✓	X	✓
1080p@50/60	X	✓	X	✓
VGA@60/72/75	X	X	✓	✓
SVGA@56/60/72/75	X	X	✓	✓
XGA@60/70/75	X	X	✓	✓
SXGA@60/75	X	X	✓	✓
UXGA@60	X	X	✓	✓
1280x800@60	X	X	✓	✓
1680x1050RB@60	X	X	✓	✓
1920x1080@60	X	X	✓	✓
1920x1200@60 (RB)	X	X	✓	✓

#### OUTput Resolutions

RESOLUTION	PC/HD	HDMI
480p/576p HD	HD	✓
720p@50/60 HD	HD	✓
1080i@50/60 HD	HD	✓
1080p@50/60 HD	HD	✓
VGA@60	✓	✓
SVGA@60	✓	✓
XGA@60	✓	✓
SXGA@60	✓	✓
UXGA@60	✓	✓
1280x768@60	✓	✓
1280x800@60	✓	✓
1360x768@60	✓	✓
1400x1050@60	✓	✓
1440x900@60	✓	✓
1680x1050@60	✓	✓
1920x1200@60(RB)	✓	✓

## CONNECTION DIAGRAM



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## END OF DOCUMENT

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## Documents / Resources

	<p><a href="#">A-NEUVIDEO ANI-8MFS 8 Input Multi Format Scaler Switch</a> [pdf] Instruction Manual ANI-8MFS, ANI-8MFS 8 Input Multi Format Scaler Switch, 8 Input Multi Format Scaler Switch, Multi Format Scaler Switch, Format Scaler Switch, Scaler Switch, Switch</p>
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## References

-  [a-neuvideo.com](https://a-neuvideo.com)
- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)