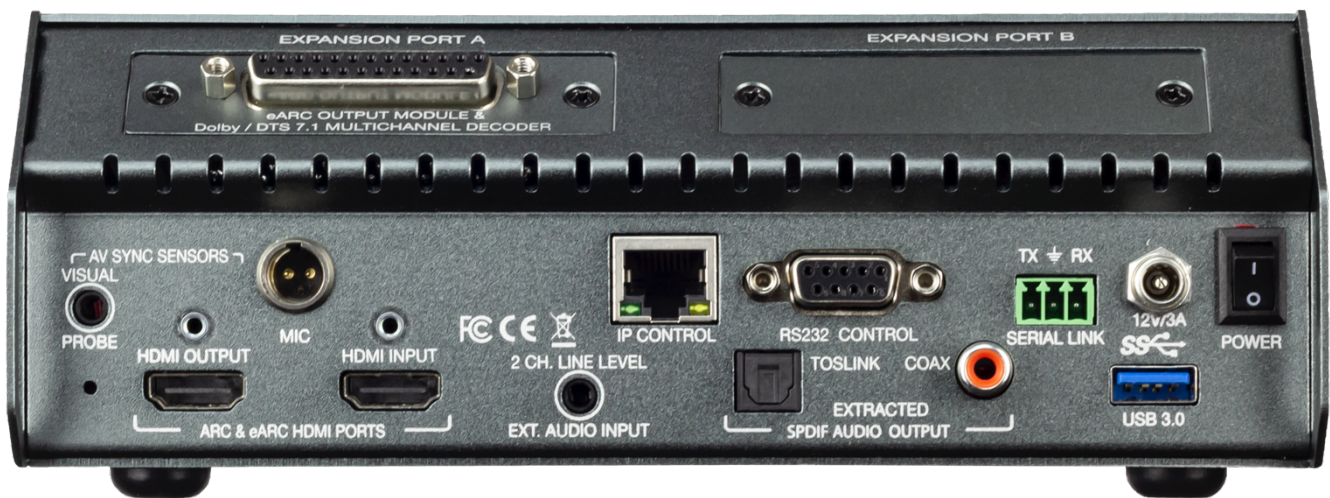




MURIDEO®

SEVEN Generator – Web GUI Guide



One major benefit of working with the Murideo SEVEN-G is the fully featured, built-in web GUI. The SEVEN-G and most of its functions can be operated from the web GUI. In this section we will walk you through getting connected, then explain everything you are able to access in this web GUI.

Once you have a handle on the web GUI, you will also have a handle on the PC software and the on device menu system. All three ways to control the SEVEN-Generator are very similar.

Getting Connected to the Web GUI/Web OS:

The web GUI can be accessed by simply connecting to the same network as your SEVEN-G. You can do that by typing the unit's IP address into any web browser.

1. Connect your SEVEN-G to a network via the Ethernet port on the unit itself
2. Connect your laptop/tablet/phone to the same network
3. Open a web browser (Chrome/Firefox/Safari) on the laptop/tablet/phone
4. In the browser bar type in the default IP address which is 192.168.1.239 (No user ID or password is needed to access the control system)
5. Start controlling your SEVEN-G

MURIDEO

Getting Connected Important Notes: If you are not utilizing a 192.168.1.xxx Router IP Address you will need to enable DHCP or set the IP manually. To do this, hit the SETUP button and go into IP MANAGEMENT. Turn DHCP on and an IP will automatically be assigned. Use the HOST IP to access the Web GUI.

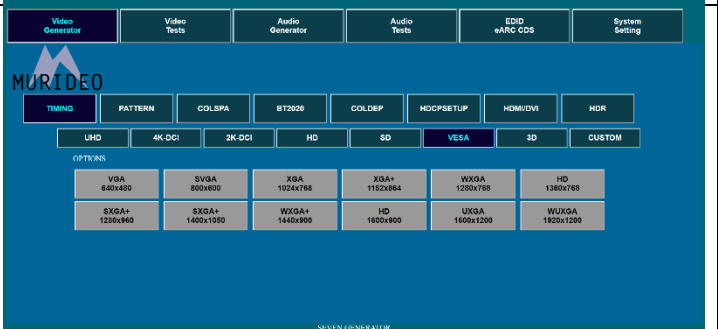
We are going to be looking at all the various menu screens, we will start from top to bottom, moving left to right. Each one of these buttons will change the output from HDMI port.

<p>Video Generator>TIMING>UHD: Use this page to select different Hz/fps (frames per second) options for the resolution 4K (3840x2160).</p>	
<p>Video Generator>TIMING>4K-DCI: Use this page to select different Hz/fps (frames per second) options for the resolution 4K-DCI (4096x2160)</p>	
<p>Video Generator>TIMING>2K-DCI: Use this page to select different Hz/fps (frames per second) options for the resolution 2K-DCI (2048x1080)</p>	
<p>Video Generator>TIMING>HD: Use this page to select different Hz/fps (frames per second) options for the resolution HD (1080P, 1080i, or 720P)</p>	

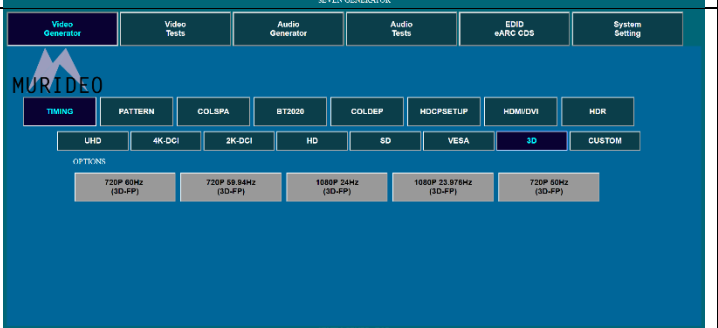
Video Generator>TIMING>SD:
 Use this page to select different Hz/fps (frames per second) options for the resolution SD (480i or 576i)



Video Generator>TIMING>VESA:
 Use this page to select different VESA resolutions



Video Generator>TIMING>3D:
 Use this page to select different Hz/fps (frames per second) options for the resolution 3D-FP (720P or 1080P)¹

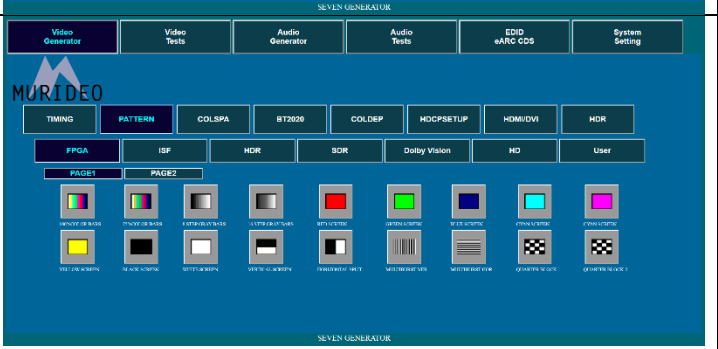


Video Generator>TIMING>CUSTOM:
 Use this page to select different user loaded timings.



Video Generator>PATTERN>FPGA:
 Use this page to select different FPGA (field-programmable gate array) test patterns. Page 1 test patterns include:

- Color, 75% color, and grayscale bars
- Solid colors (red, green, blue, cyan, magenta, and yellow)
- Vertical and horizontal split
- Multiburst vertical and horizontal
- Quarter blocks and inverse blocks



Video Generator>PATTERN>FPGA:

Page 2 test patterns include:

- Alternative white and black
- PGB CMY ramps
- Black and white pluge
- Still gray ramp and inverse gray ramp
- SMPTE bars
- Border lines
- Window
- 3D boxes
- Vertical and horizontal scanline
- AV sync
- Scrolling ramps
- Bouncing circle



Video Generator>PATTERN>ISF:

Use this page to select different ISF (Image Science Foundation) test patterns. Test patterns include:

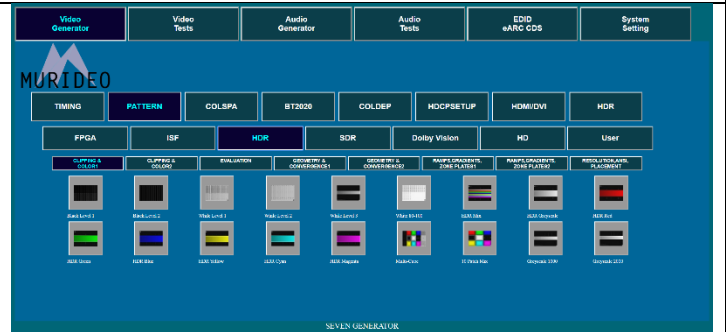
- 4K White and black pluge
- 4K geometry
- White and black pluge
- Geometry 178 and 240
- ISF girls
- PD family
- Red blue MTB
- Gradient cones
- ISF dog



Video Generator>PATTERN>HDR>CLIPPING & COLOR1:

Use this page to select different HDR (High Dynamic Range) test patterns. Test patterns include:

- Black level 1 and 2
- White level 1, 2 and 3
- White 80-100
- HDR color ramp mix
- HDR grayscale
- HDR color ramps (red, green, blue, yellow, cyan, and magenta)
- Multi-cube
- 10 pitch mix
- Grayscale 1000 and 2000



Video Generator>PATTERN>HDR>CLIPPING & COLOR2:

Use this page to select different HDR test patterns.
Test patterns include:

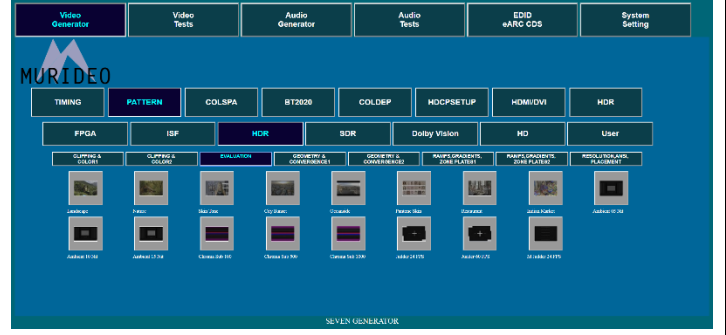
- Grayscale 4000 and 10000
- Color high and low
- Decoding 50% and 100%
- 100% and 50% color filters (blue, green, and red)
- Color flashing
- Dynamic contrast



Video Generator>PATTERN>HDR>EVALUATION:

Use this page to select different HDR test patterns.
Test patterns include:

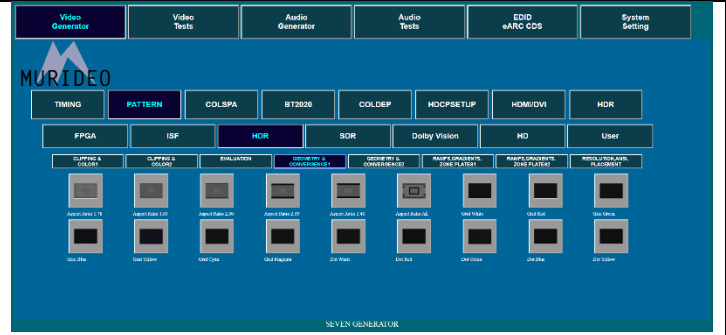
- HDR pictures (landscape, nature, skin tone, city sunset, oceanside, pantone skin, restaurant, and Indian market)
- Ambient nit (5, 10, and 15)
- Chroma sub (100, 500, 1000)
- Judder 24 and 60 fps
- M judder 24 fps



Video Generator>PATTERN>HDR>GEOMETRY & CONVERGENCE1:

Use this page to select different HDR test patterns.
Test patterns include:

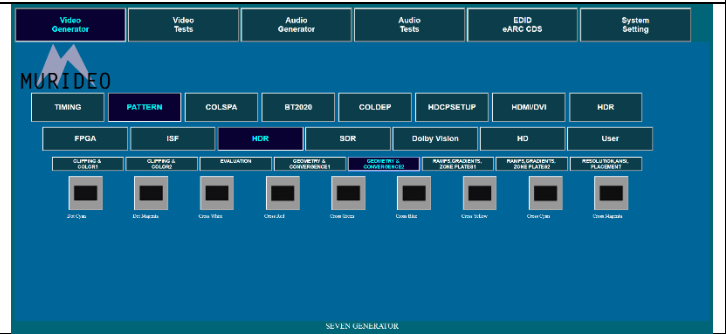
- Aspect ratios (1.78, 1.85, 2.00, 2.35, 2.40, and all)
- Color grids (white, red, green, blue, yellow, cyan, and magenta)
- Color dot (red, green, blue, and yellow)



Video Generator>PATTERN>HDR>GEOMETRY & CONVERGENCE2:

Use this page to select different HDR test patterns.
Test patterns include:

- Color dot (cyan and magenta)
- Color cross (white, red, green, blue, yellow, cyan, magenta)



Video Generator>PATTERN>HDR>RAMPS, GRADIENTS< ZONE PLATES1:

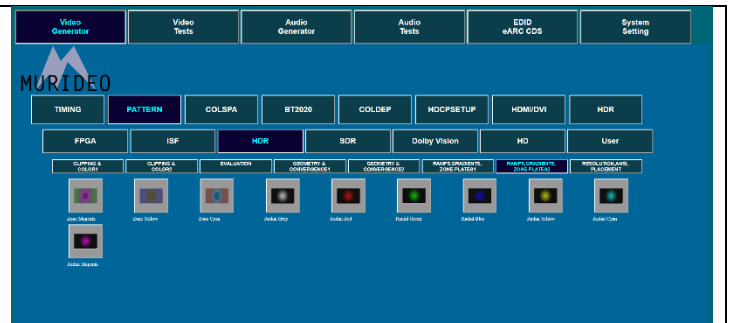
Use this page to select different HDR test patterns.
Test patterns include:

- Grayscale steps, ramp, and mix
- Color steps, ramp, ramp H&V, and ramp mix
- Color bar ramp
- Color ramps (red, green, blue, yellow, cyan, and magenta)
- Color zones (white, red, green, and blue)



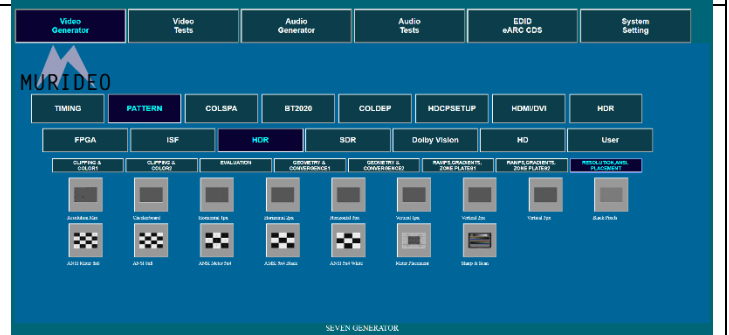
Video Generator>PATTERN>HDR>RAMPS,
GRADIENTS< ZONE PLATES2:
Use this page to select different HDR test patterns.
Test patterns include:

- Color zones (magenta, yellow, and cyan)
- Radial colors (red, green, blue, yellow, cyan, and magenta)



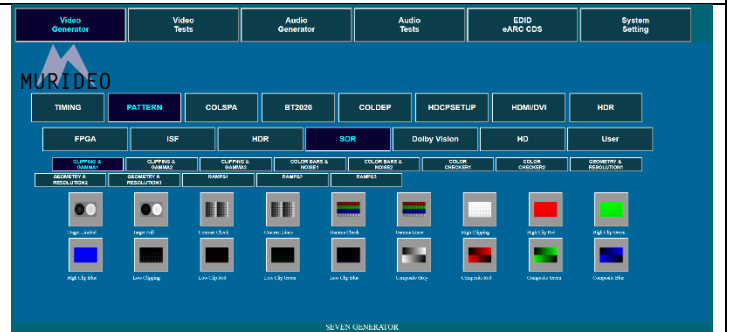
Video Generator>PATTERN>HDR>RESOLUTION,
ANSI, PLACEMENT:
Use this page to select different HDR test patterns.
Test patterns include:

- Resolution mix
- Checkerboard
- Horizontal and vertical (1px, 2px, and 3px)
- Black pixels
- ANSI meter 8x8 and 5x4
- ANSI 8x8
- ANSI 5x4 black and white
- Meter placement
- Sharp and scan



Video Generator>PATTERN>SDR>CLIPPING &
GAMMA1:
Use this page to select different SDR (standard
dynamic range) test patterns. Test patterns include:

- Target limited and full
- Contrast check
- Gamma check
- Gamma lines
- High clipping
- High color clipping (red, green, and blue)
- Low clipping
- Low color clipping (red, green, and blue)
- Composite color (grey, red, green, and blue)



Video Generator>PATTERN>SDR>CLIPPING &
GAMMA2:
Use this page to select different SDR test patterns.
Test patterns include:

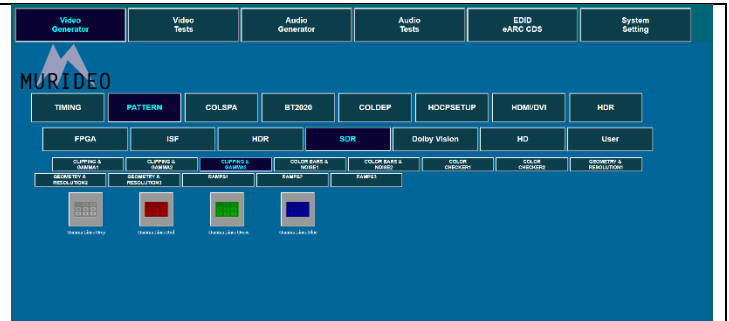
- Lin step colors (gray, red, green, blue, magenta, yellow, and cyan)
- Log step colors (gray, red, green, blue, magenta, yellow, and cyan)
- Gamma colors (gray, red, green, and blue)



Video Generator>PATTERN>SDR>CLIPPING & GAMMA3:

Use this page to select different SDR test patterns. Test patterns include:

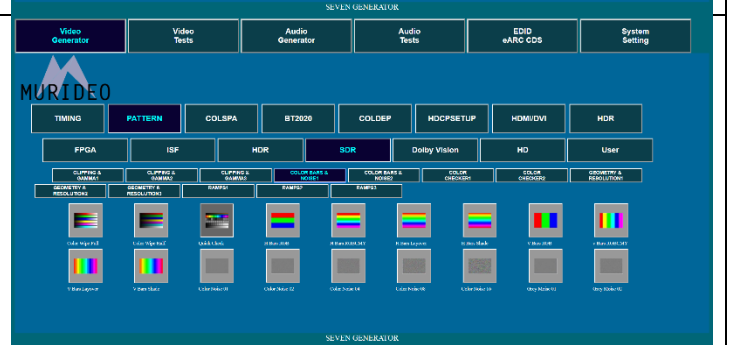
- Gamma line colors (gray, red, green, and blue)



Video Generator>PATTERN>SDR>COLOR BARS & NOISE1:

Use this page to select different SDR test patterns. Test patterns include:

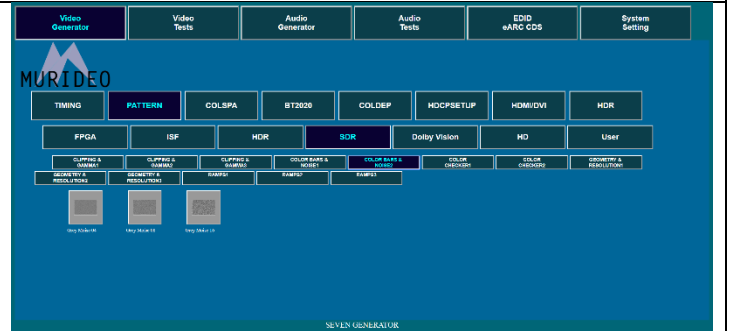
- Color wipe full and half
- Quick check
- Horizontal bars (RGB, RGBCMY, layover, shade)
- Vertical bars (RGB, RGBCMY, layover, shade)
- Color noise (1, 2, 4, 8, and 16)
- Gray noise (1 and 2)



Video Generator>PATTERN>SDR>COLOR BARS & NOISE2:

Use this page to select different SDR test patterns. Test patterns include:

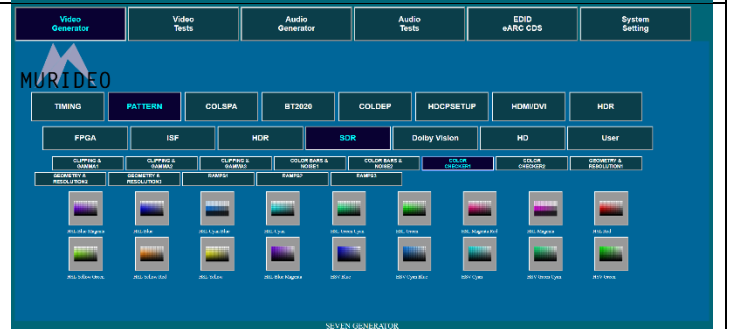
- Gray noise (4, 8, and 16)



Video Generator>PATTERN>SDR>COLOR CHECKER1:

Use this page to select different test patterns. Test patterns include:

- HSL (blue magenta, blue, cyan blue, cyan, green cyan, green, magenta red, red, yellow green, yellow red, and yellow)
- HSV (blue magenta, blue, cyan blue, cyan, green cyan, and green)



Video Generator>PATTERN>SDR>COLOR CHECKER2:

Use this page to select different SDR test patterns. Test patterns include:

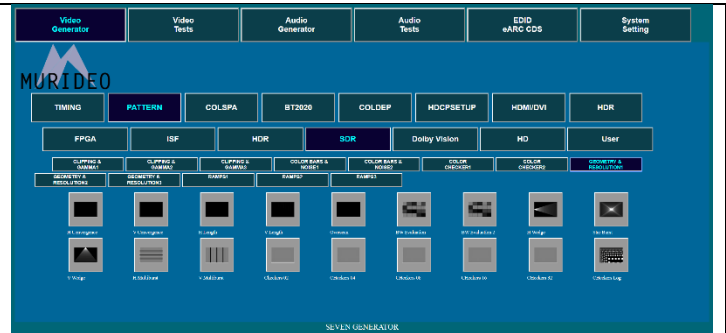
- HSV (magenta red, red, yellow green, yellow red, and yellow)
- RGB blue (64, 127, 191, and 255)
- RGB green (64, 127, 191, and 255)
- RGB red (64, 127, 191, and 255)



Video Generator>PATTERN>SDR>GEOMETRY & RESOLUTION1:

Use this page to select different SDR test patterns.
Test patterns include:

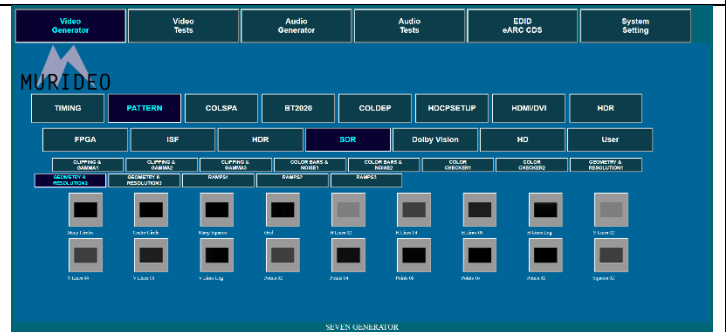
- Horizontal and vertical convergence
- Horizontal and vertical length
- Overscan
- Black and white evaluation 1 and 2
- Horizontal wedge
- Star burst
- Vertical wedge
- Horizontal and vertical multiburst
- Checkers (2, 4, 8, 16, 32, and log)



Video Generator>PATTERN>SDR>GEOMETRY & RESOLUTION2:

Use this page to select different SDR test patterns.
Test patterns include:

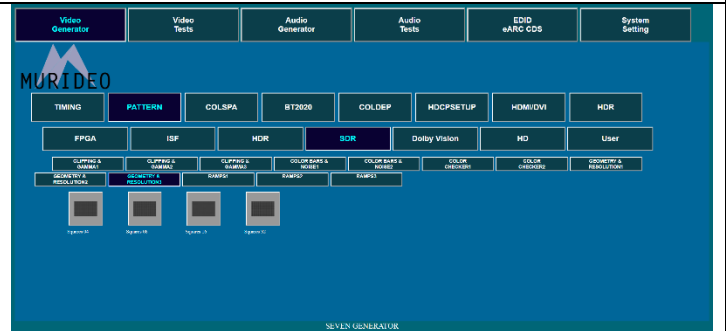
- Many circles
- Center circles
- Many squares
- Grid
- Horizontal and vertical lines (2, 4, 8, and log)
- Points (2, 4, 8, 16, and 32)
- Squares 2



Video Generator>PATTERN>SDR>GEOMETRY & RESOLUTION3:

Use this page to select different SDR test patterns.
Test patterns include:

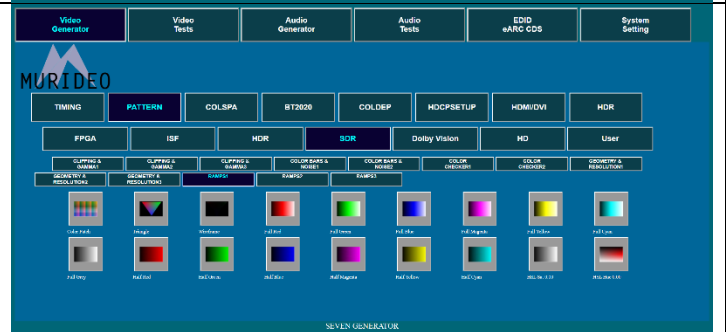
- Squares (4, 8, 16, and 32)



Video Generator>PATTERN>SDR>RAMPS1:

Use this page to select different SDR test patterns.
Test patterns include:

- Color patch
- Triangle
- Wireframe
- Full color (red, green, blue, magenta, yellow, cyan, and grey)
- Half color (red, green, blue, magenta, yellow, cyan, and grey)
- HSL saturation 0.00
- HSL hue 0.00



Video Generator>PATTERN>SDR>RAMPS2:
Use this page to select different SDR test patterns.
Test patterns include:

- HSL hue 0.33 and 0.66
- HSL level 0.25, 0.50, and 0.75
- HSL saturation 0.00, 0.50, and 1.00
- HSV hue 0.00, 0.33, and 0.66
- HSV saturation 0.5 and 1.00
- HSV value 0.00, 0.50, and 1.00
- RGB green 000 and 127



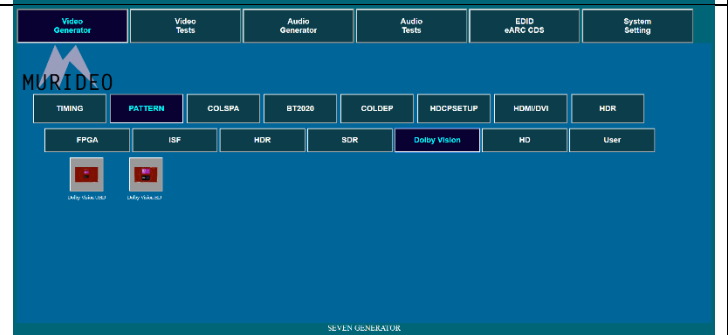
Video Generator>PATTERN>SDR>RAMPS3:
Use this page to select different SDR test patterns.
Test patterns include:

- RGB green 255
- RGB blue 000, 127, and 255
- RGB red 000, 127, and 255



Video Generator>PATTERN>Dolby Vision:
Use this page to select different Dolby Vision test patterns. Test patterns include:

- Dolby Vision Check UHD
- Dolby Vision Check HD



Video Generator>PATTERN>HD>PAGE1:
Use this page to select different HD (high definition) test patterns. Test patterns include:

- High and low clipping
- Color noise 01, 02, 03, 04, and 08
- Triangle
- Color wipe full and half
- Composite
- Horizontal and vertical multiburst
- Checkers 02, 04, 08, 16, 32, and log



Video Generator>PATTERN>HD>PAGE2:
Use this page to select different HD test patterns. Test patterns include:

- Many circles
- Center circles
- Many squares
- Grid
- Horizontal and vertical lines 02, 04, 08, and Log
- Geometry points 02, 04, 08, 16, and 32
- Geometry squares 04



Video Generator>PATTERN>HD>PAGE3:
 Use this page to select different HD test patterns.
 Test patterns include:

- Geometry squares 08, 16, and 32
- Horizontal and vertical length
- Overscan
- Black and white evaluation 1 and 2
- Horizontal and vertical wedge
- Star burst
- RGB text



Video Generator>PATTERN>User:
 Use this page to select different user test patterns.
 Test patterns include:

- 5 custom user patterns



Video Generator>COLSPA:
 Use this page to select different color spaces.
 Test patterns include:

- RGB(0-255)
- RGB(16-235)
- YC4:4:4(16-235)
- YC4:2:2(16-235)
- YC4:2:0(16-235)



Video Generator>BT2020:
 Use this page to enable or disable BT.2020 color space.



Video Generator>COLDEP:
 Use this page to select color depth.
 Test patterns include:

- 8bit
- 10bit
- 12bit
- 16bit



Video Generator>HDCPSETUP:
 Use this page to select HDCP or turn it off.

- HDCP off
- HDCP 1.4
- HDCP 2.2
- HDCP Auto

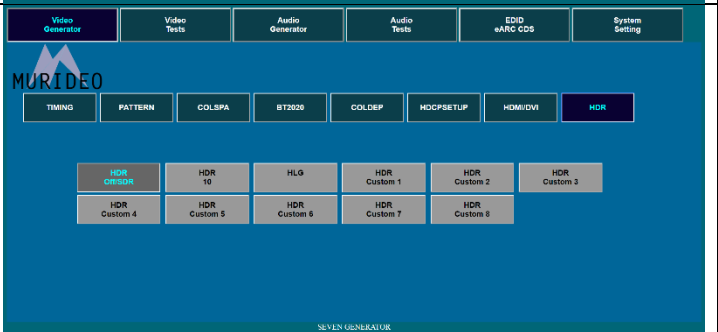


Video Generator>HDMI/DVI:
 Use this page to select DVI, HDMI, or Auto.

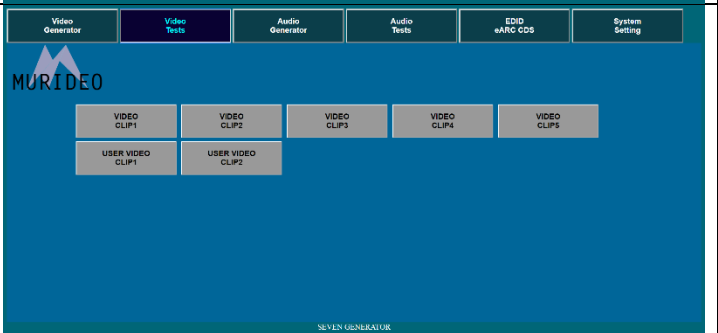


Video Generator>HDR:
 Use this page to select version of HDR.

- HDR off/SDR
- HDR 10
- HDG
- HDR custom 1 - 8

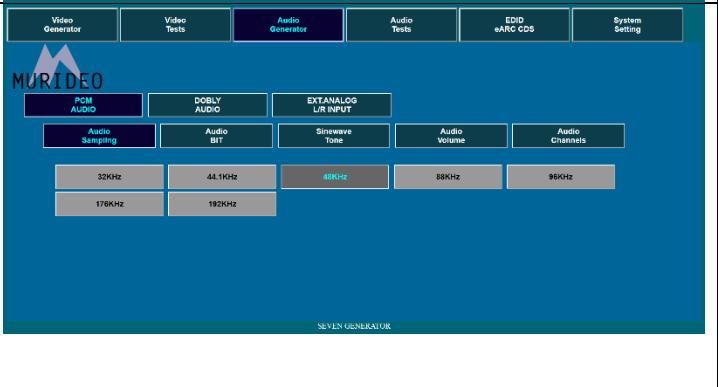


Video Tests:
 Use this page to select video clips or user video clips.



Audio Generator>PCM AUDIO>Audio Sampling:
 Use this page to generate audio samples of different kilohertz.

- 32
- 44.1
- 48
- 88
- 96
- 176
- 192



Audio Generator>PCM AUDIO>Audio BIT:
Use this page to generate audio BITs of different kilohertz.

- 16
- 20
- 24

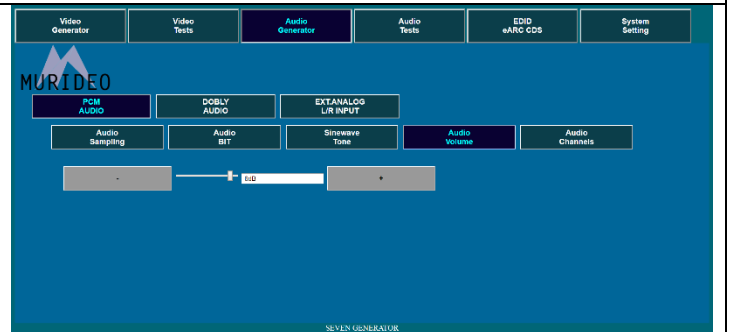


Audio Generator>PCM AUDIO>Sinewave Tone:
Use this page to generate audio Sinewaves of different kilohertz.

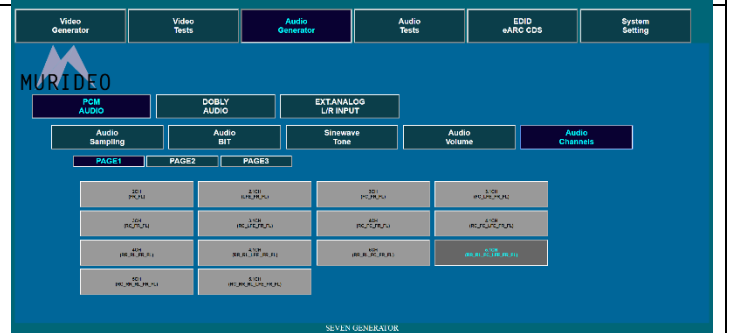
- 100
- 200
- 300
- 400
- 500
- 600
- 700
- 800
- 900
- 1k
- 2k
- 3k
- 4k
- 5k



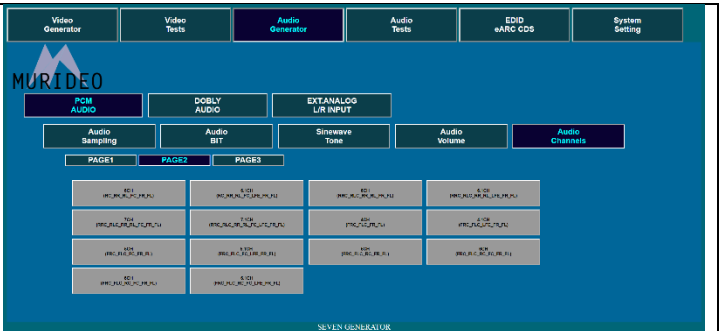
Audio Generator>PCM AUDIO>Audio Volume:
Use this page to change audio volume



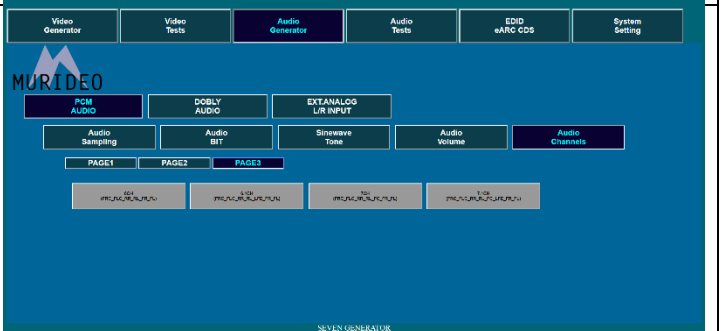
Audio Generator>PCM AUDIO>Audio Channels>PAGE1:
Use this page to select between various audio samples between 2 and 5 channel.



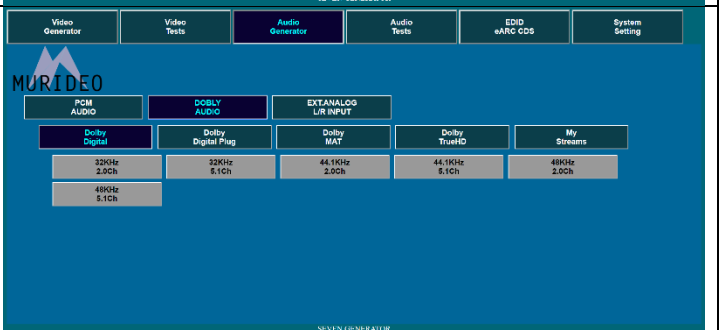
Audio Generator>PCM AUDIO>Audio Channels>PAGE2:
Use this page to select between various audio samples between 6 and 7 channel.



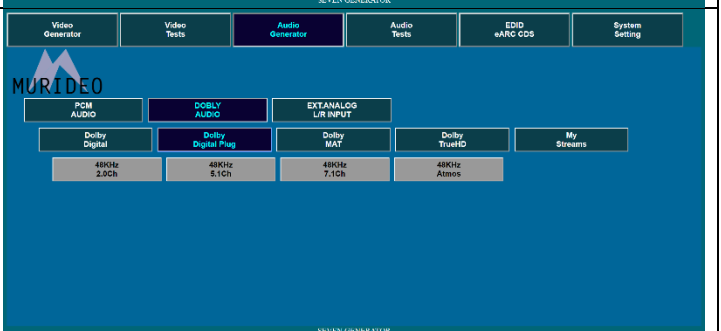
Audio Generator>PCM AUDIO>Audio Channels>PAGE3:
Use this page to select between various audio samples between 6 and 7 channel.



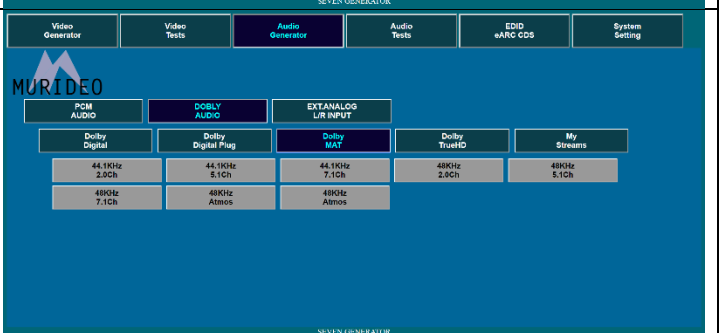
Audio Generator>DOLBY AUDIO>Dolby Digital:
Use this page to select between various Dolby Digital audio samples.



Audio Generator>DOLBY AUDIO>Dolby Digital Plug:
Use this page to select between various Dolby Digital Plug audio samples.



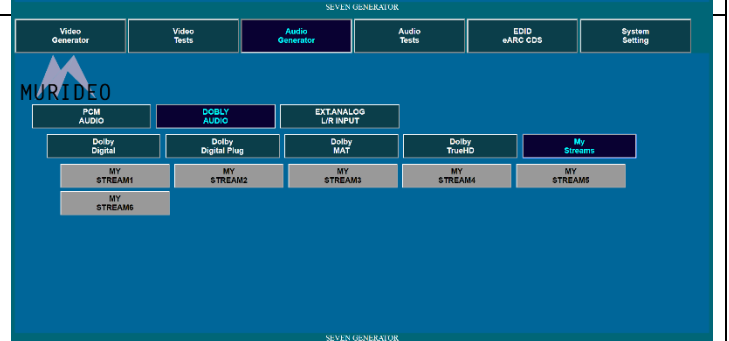
Audio Generator>DOLBY AUDIO>Dolby MAT:
Use this page to select between various Dolby MAT audio samples.



Audio Generator>DOLBY AUDIO>Dolby TrueHD:
Use this page to select between various Dolby TrueHD audio samples.



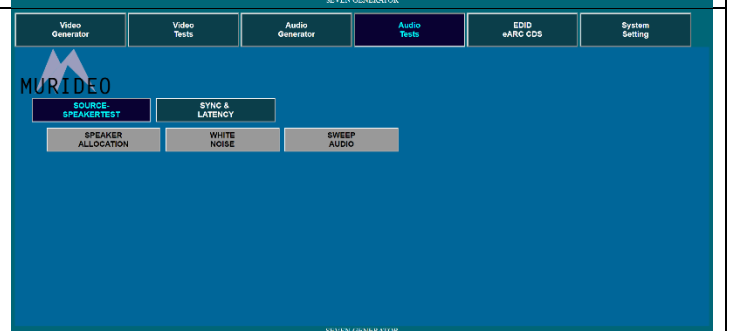
Audio Generator>DOLBY AUDIO>My Streams:
Use this page to select between various Dolby My Stream audio samples.



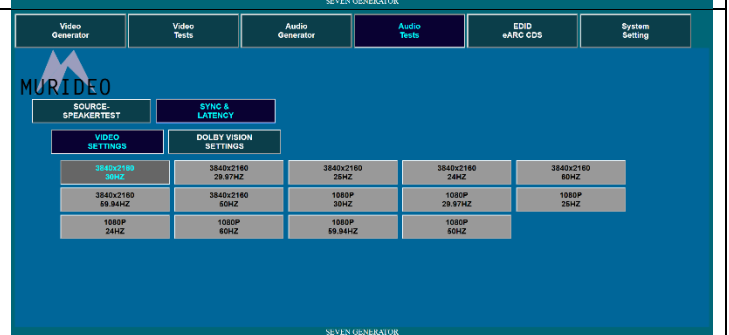
Audio Generator>EXT.ANALOG L/R INPUT:
Use this page to enable external analog L/R inputs.



Audio Tests> SOURCE-SPEAKERTEST:
Use this page to test speakers.



Audio Tests> SYNC & LATENCY> VIDEO SETTINGS:
Use this page to change video settings.



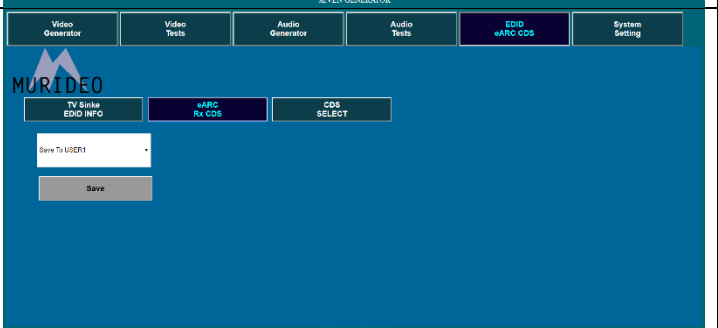
Audio Tests> SYNC & LATENCY> DOLBY VISION SETTINGS:
Use this page to sync Dolby Vision.



EDID eARC CDS> TV Sink EDID INFO:
Use this page to save to USER 1-5 Sink EDIDs.



EDID eARC CDS> eARC Rx CDS:
Use this page save eARC Rx CDS to USER 1-5.



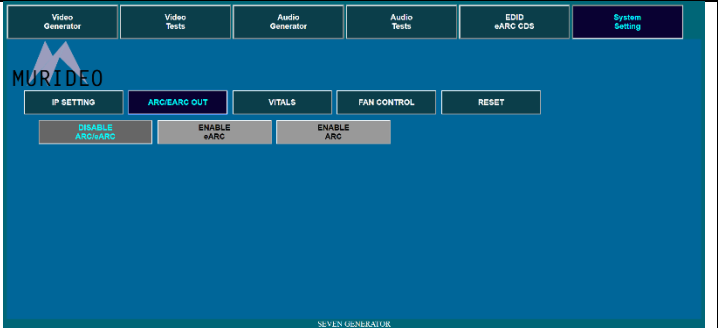
EDID eARC CDS> CDS SELECT:
Use this page to load CDS 1-3 or save CDS to USER 1-5.



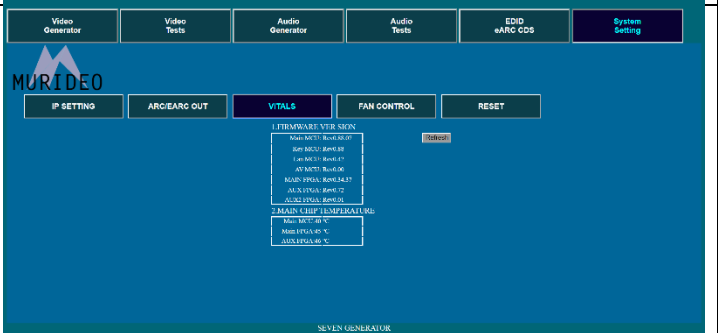
System Setting>IP SETTING:
Use this page to turn on or off DHCP and to see IP information.



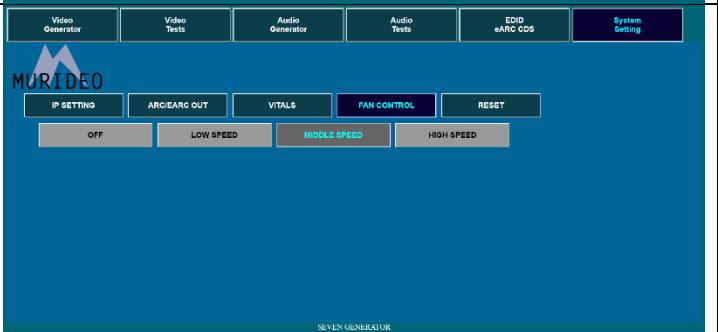
System Setting>ARC/EARC OUT:
Use this page to turn on or off eARC and ARC.



System Setting>VITALS:
Use this page to see SEVEN-G diagnostics.



System Setting>FAN CONTROL:
Use this page to change the SEVEN-G fan speed or to turn it off.



System Setting>RESET:
Use this page to reset the SEVEN-G to its default settings.

