

3D FUNCTIONS SUPPORTED 8inch WAVEFORM MONITOR



WM-3209

(WM-3209-B: w/Battery mount WM-3209-L: w/UMD)

The WM-3209 is a waveform monitor that has various 3D functions. Two channels (Lch&Rch) of waveforms, vector scopes and pictures can be displayed simultaneously so that it is useful to compare the two channels. Adjusting two cameras with these functions, miss match of Lch and Rch that causes failure of 3D picture can be prevented.



3D FUNCTIONS

- Parallax in %: Parallax measured by cursor is displayed in % of total pixels, 1920 dots.
- Parallax in cm: Simulated parallax is displayed in cm or inch. i.e how the parallax will be on a larger display.
- Checker board: Checking height difference of Lch&Rch more easily.
- Y difference: Parallax is enhanced in B&W image. It is convenient for checking parallax and gap of V direction.
- Flip: For mirror rig, picture of designated channel can be flipped for V or H+V for 3D viewing. (display only, no loop out)
- Anaglyph: Anaglyph image for 3D viewing.

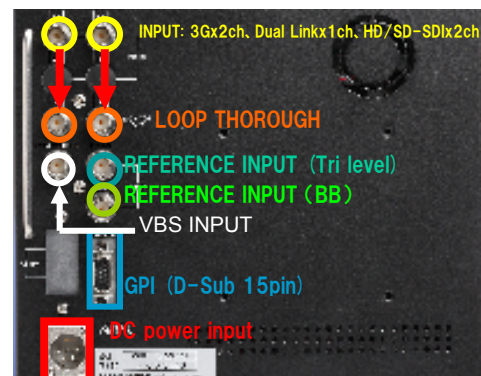
OTHER FUNCTIONS

- 3G-SDI input: 3G-SDI input is supported.
- ID display: ID for each selected channel is displayed. UMD is also supported (available only on the WM-3209-L)
- Battery mount adapter: Battery adapter for V mount battery. Battery level meter is available (only on the WM-3209-B)
- Headphone terminal: Selected 2ch audio can be monitored via the headphone terminal.
- GPI: GPI for channel select, load of preset data etc.

SPECIFICATIONS

INPUT	3G/HD/SD-SDI:2CH, Dual Link:1CH, VBS:1CH, REF:1CH (Tri-level, BB)
STANDARDS	3G-SDI:SMPTE425M, Dual Link:SMPTE372M, HD-SDI:SMPTE292M SD-SDI:SMPTE259M, NTSC:SMPTE170M, PAL:BT624-4 (Partially)
VOLTAGE / POWERCONSUMPTION	DC12V (DC10V-18V) / 24W
DIMENSIONS/WEIGHT	215 (W) x177 (H) x90 (D) mm/ Approx.2kg

APPEARANCE



※ Battery mount is available only on the WM-3209-B.

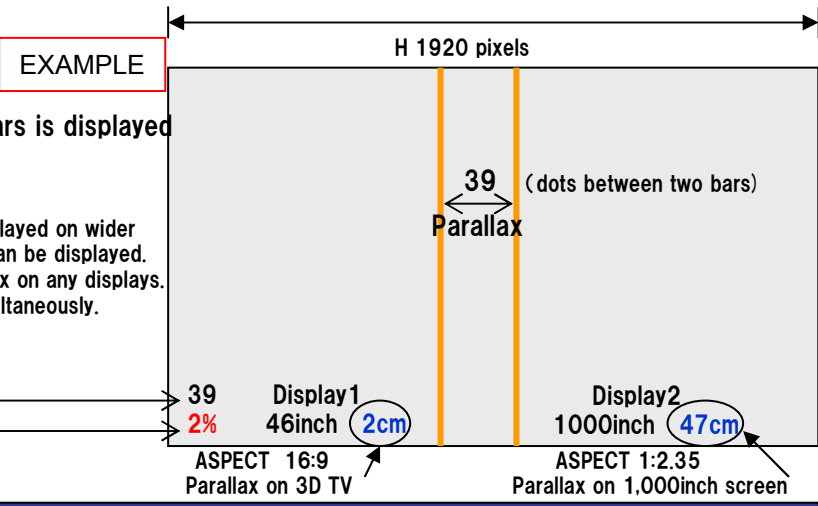
3D PARALLAX MEASURE FUNCTION

3D parallax is measured by removable two bars.

- Parallax in % ※NEW!!
- Parallax measured by the two bars is displayed in % of total pixels, 1920 dots.
- Parallax in cm or inch. ※NEW!!

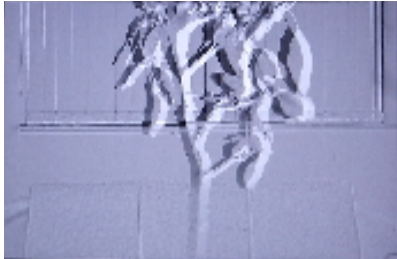
Simulated value, when a 3D content is displayed on wider television or screen how parallax will be, can be displayed. It is convenient for checking proper parallax on any displays. Two simulated value can be displayed simultaneously. ASPECT: 16:9, 4:3, 1:2.35 UNIT: cm or inch

39 (Parallax in dots)
2% (of H 1920 pixels)



3D EFFECT CHECK FUNCTIONS

Y Difference



Parallax is enhanced. Checking parallax and gap of V direction.

Checker board ※NEW!!



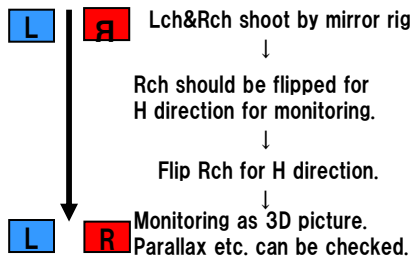
Checking height difference more easily. Checker board size is variable.

Anaglyph



3D picture can be seen by anaglyph

FLIP FUNCTIO FOR MIRROR RIG (Display only. No loop through)



Inverse image by mirror rig.



Flip the inverse image.

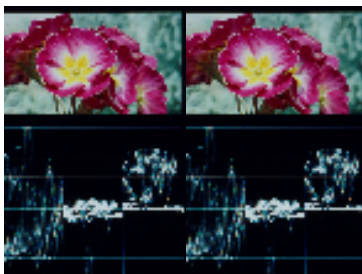
COMPARISON FUNCTIONS ~Two pictures, waveforms and vector scopes can be displayed simultaneously.

CHROMA ADJUSTMENT OF Lch&Rch



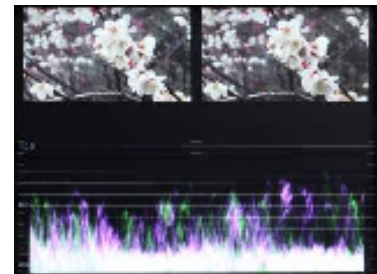
Pictures and vector scopes of Lch and Rch can be displayed simultaneously for chroma Adjustment.

LEVEL ADJUSTMENT OF Lch&Rch



Pictures and waveforms of Lch and Rch can be displayed simultaneously for level adjustment.

OVERLAID WAVEFORM



Pictures and overlaid two waveforms can be displayed. When luminance conforms, the waveform becomes white.

For more information; Dimensions, specifications, etc. in this catalog may change without notice for improvement.

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