TL-S2150HD AND TL-S2400HD EMBEDDED 8 FUNCTIONS

With the popularization of the monitor color management technology application and the color correcting technology during postproduction, the effect of the RGB waveform and vectorscope for monitoring the colorat the field shooting is far from that of the brightness waveform, since the color performance is visible for the calibrated monitor moreover it needs necessary color-correctingduring post production .But if the exposure control has mistake, even the miraculous colorist will be helpless.,so there is the wording "70% of time for shooting ,30% of time for color correcting", just because of the pre-production and post production 's different working attribution for the the movie-tv creation, TL-S2150HD/S2400HD just have the assistant function brightness waveform tomake sure no exposure mistake during the pre-production. Accurate color reproduction is their real mission, rather than redundant functions.

TL-S2150HD/S2400HD mono chrom (Black &White and Blue only) switch has two main functions: B&W helps the lighting engineer to observe the transition effect of the light and shadow, comparing to the colorful image, it reduces the color interference to the vision







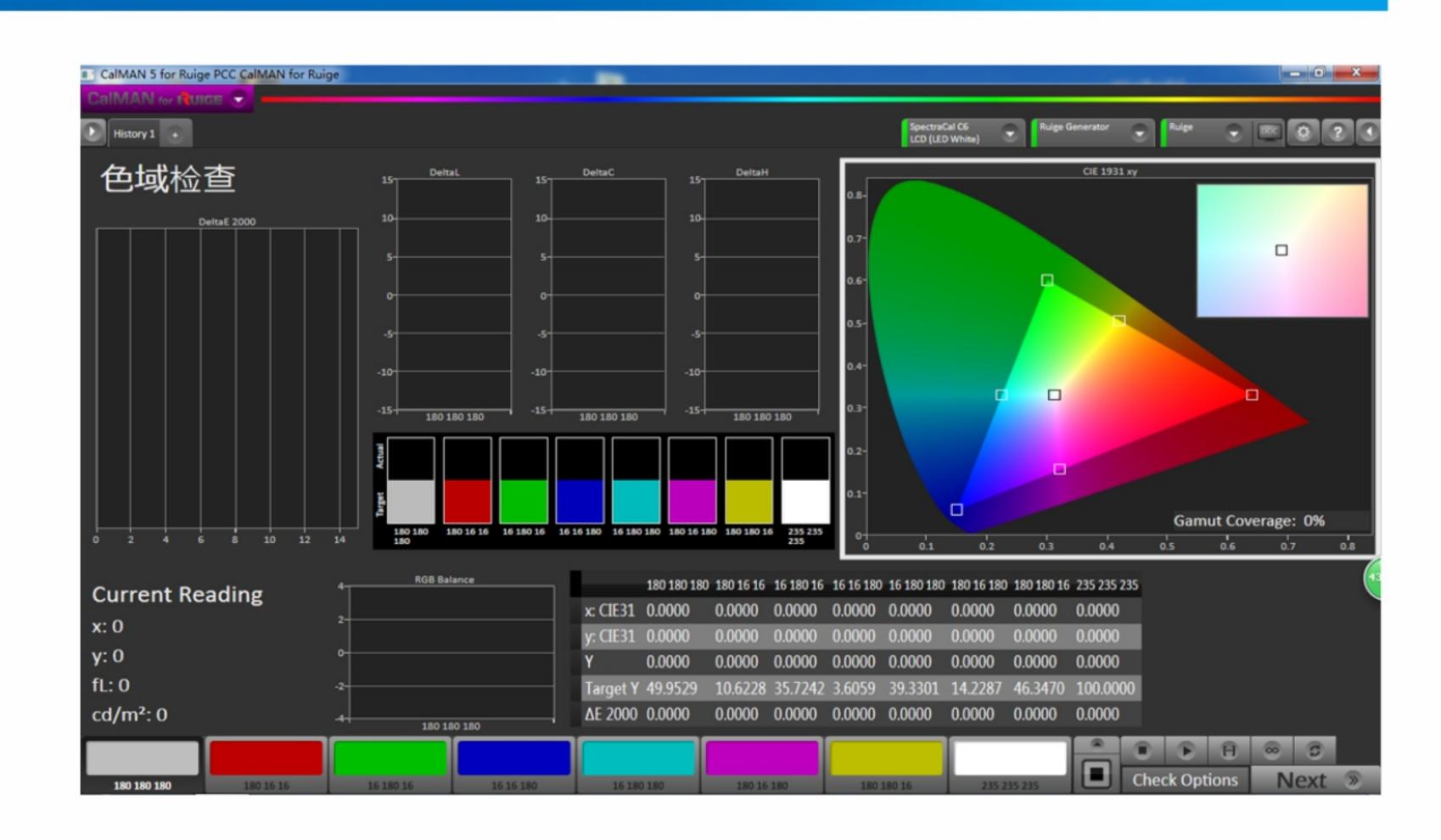
the Blue only image can check and adjust the monitor saturation based on the SMPTE testing signal, which is one of the necessary and important methods those use for field debugging the monitor

The program production is for no matter the film showing or TV broadcasting, aspect ratio and safety area features are necessary, specially for the TV RF launch, the asfety area and title functions application appear particularly important. GPI function provide the technology base for the application extension of TV station broadcasting monitoring and integration controling

The 2 S series products use the panel with the original color gamut that can absolutely cover the REC709 standard, and adopt the PCC color management system jointly developed with US SpectraCal co.ltd, calibrating each monitor before delivery to make sure all the specifications can comply with the REC.709 or (IEC) DE2000 color standard or tolerance range







CONVENIENT AND EFFICIENT COLOR CALIBRATION

Monitor period color calibrating has been a routine in the Hollywood video field including the renting, but it has not been paid enough attention in China, the main reasons are as below: There are no corresponding technology methods and do not know how to calibrate; the existing monitors have no necessary hardware environment for color calibration even if there is color drift, the operator can only manually adjust the color temperature(D65) depending on experience can not have the monitor automatically calibrated . TL-S2150HD and TL-S2400HD professional grade monitors with embedded 🧩 3D-LUT, no need external processor, just need a USB cable 🚾 connected with PCC and monitor, then the color calibrtion can be processed, simple and reliable, a monitor quick calibration just takes 10minutes











Function Configuration	TL-B1730HD	TL-S2150HD	TL-S2400HD	TL-P2150HD	TL-B2150HD	TL-B2400HD
3D LUT LOADING	√	√	√	√	√	√
LUMINANCE WAVEFORM	√	√	√	√	√	√
RGB WAEFORM	√		√		√	√
VECTOR SCOPE	√		√		√	√
AUDIO METER	√	√	√	√	√	√
TIME CODE	√				√	√
PEAKING FOCUS	√				√	1
ELP	√			√	√	√
FALSE COLOR	√			√	√	√
ZEBRA	√			√	√	√
SAFTY MARKER	√	√	√	√	√	√
MARKER SCALE	√	√	√	√	√	√
ANAMORPHIC DE-SQUEEZE	√				√	1
BLUE ONLY	√	√	√	1	√	1
MONO	√	√	1	1	1	1
ASPECT RATIO	√	√	√	√	√	1
OVER SCAN	1	√	√	1	1	1
UMD	√	√	√	1	√	1
H/V DELAY	√			√	√	1
BATTERY CHECKER	√			√	√	√
GPI CONTROL	1	√	1	√	√	1
SAFTY LOCK	√			√	√	√

Specification	TL-B1730HD	TL-S2150HD	TL-S2400HD	TL-P2150HD	TL-B2150HD	TL-B2400HD
Screen size	17.3"	21.5"	24"	21.5"	21.5"	24"
Resolution	1920xRGBx1080	1920xRGBx1080	1920xRGBx1080	1920xRGBx1080	1920xRGBx1080	1920xRGBx1080
Dot pitch	0.199(H)x0.199(V)mm	0.2475(H)x0.2475(V)mm	0.2745(H)x0.2745(V)mm	0.2475(H)x0.2475(V)mm	0.2475(H)x0.2475(V)mm	0.2745(H)x0.2745(V)mm
Aspect ratio	16:9/4:3Switchable	16:9/4:3Switchable	16:9/4:3Switchable	16:9/4:3Switchable	16:9/4:3Switchable	16:9/4:3Switchable
Backlight	RGB LED	White LED	White LED	White LED	White LED	White LED
Brightness	350cd/m ²	250cd/m ²				
Contrast	800:1	1000:1	1000:1	1000:1	1000:1	1000:1
Color depth	10Bits(1.073G color)	8Bits(16.7M color)				
Image processing	10Bits	10Bits	10Bits	10Bits	10Bits	10Bits
Response time	3ms	8ms	6ms	8ms	8ms	6ms
Viewing angle	H178°/V178°	H178°/V178°	H178°/V178°	H178°/V178°	H178°/V178°	H178°/V178°



Nothing is impossible for a willing heart We just produce "profession"



