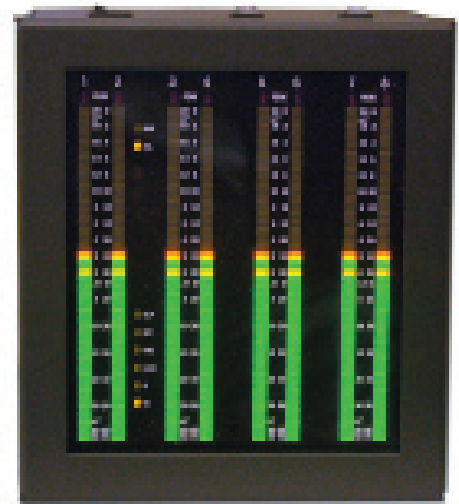


# Logitek Surround Meters



Super-VU style



Ultra-VU style

Monitoring surround sound audio is easy with Logitek Surround meters. Our 5.1 and 7.1 meters are packaged in boxes designed to sit on a console over-bridge; with the meters as vertical bars. Each unit's power supply is in a separate enclosure which can be located away from the console.

Two types of surround meters are available, the Super-VU (SV51 and SV71) or the Ultra-VU (UV51 and UV71). Super-VU displays have 40 tri-color LEDs per bargraph with true 300ms VU ballistics plus simultaneous peak indication and hold. The Ultra-VU displays provide better resolution, with 62 LEDs per bargraph. The Ultra-VU units also use the true 300ms ballistics standard with simultaneous peak and hold. In addition, the UV51 and UV71 units provide clip indication, and additional operating modes including loudness, phase, and fine resolution. Both models include brightness controls which allow matching the displays to your room lighting conditions. Both models also support sample rates of up to 96kHz.

With Logitek surround meters, you can be confident of your audio levels for all types of surround applications, whether it be mastering, duplicating or simply monitoring.

## Meter Specifications

### SV 5.1 and SV 7.1

Number of indicators:	40 bar type tricolor LEDs	Reference Point:	User selectable at -10, -12, -14, -16, -18 or -20 dB
0 VU Point:	16 user selectable positions	Peak Markers:	+8, +9, +10, +12, +14, +16, +18 dB above reference
Analog Input:		Ballistics:	
Sensitivity:	-10 to +24 dBu for full scale	VU Mode:	300 mSec/20 dB attack & release
Sensitivity Adjustment:	Screwdriver adjustment on rear panel	Peak Mode:	0 mSec attack, 2.8 Sec/24dB release
Overload Level:	+24 dBu	Peak Hold:	0 mSec attack, 2 Sec or 4 Sec hold
Impedance:	40K Ohm balanced or 20K Ohm unbalanced	Max Hold:	0 mSec attack, pushbutton reset
Connector:	3-pin XLR	Image/Phase Display:	4 Sec hold on maximum image width
Digital Input:		Clip Indicator:	trigger on 1 or 4 consecutive clipped samples, set from front panel
Codes:	AES/EBU,S/PDIF	Frequency Response:	Normal: +/- .1 dB (20hz - 20,000hz)
Impedance/Connector:	110 Ohm balanced (XLR) 75 Ohm unbalanced (BNC available)	Loudness Filter:	58 dB SPL auditory curve -40 dB 20 Hz, 0 dB 1250 Hz, -50 dB 20K Hz
Pass-through:	2200 Ohm balanced (XLR)	Brightness control:	eight brightness levels set from front panel
Sample Rate:	up to 96kHz	Analog Input:	electronically balanced
Response Time:		Sensitivity:	-10 to +20 dBu for full scale
VU Mode:	300ms / 20dB attack & release	Sensitivity Adjustment:	screwdriver adjustment on rear panel
PPM Mode:	0mS attack, 2.8Sec / 24dB release	Overload Level:	+24 dBu
Peak Hold:	0mS attack, 2 second hold 2.8Sec/ 24dB release	Impedance:	40K Ohm balanced or 20K Ohm unbalanced
Max Hold:	0mS attack, pushbutton release	Connector:	3-pin XLR (1/4" phone on dual input)
Image/Phase Display:	4 sec hold on maximum image width	Digital Input:	transformer balanced
Frequency Response:	+/- .1 dB (20hz - 20,000hz)	Codes:	AES/EBU,S/PDIF
Power Requirement:	30 watts	Impedance & Connector:	110 Ohm balanced / 75 Ohm unbalanced (BNC available)
Dimensions:	7" W x 6.25" D x 6" H	Pass-through:	2200 Ohm balanced
UV 5.1 and UV 7.1		Sample Rate:	up to 96kHz
Number of indicators:	62 bar type tricolor LEDs, 1 red clip indicator	Power Requirement:	30 watts
Normal Range:	-70 dB through 0 dB plus clip - digital -50 dB through +20 dB plus clip - analog	Dimensions:	7.1" W x 6.0" D x 7.6" H
Fine Range:	.2 dB per segment centered around reference point		



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