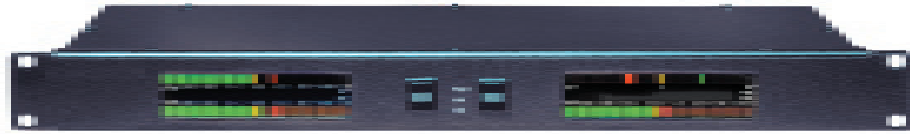


# Logitek Super-VU



Logitek Super-VU meters are available in several configurations for a variety of user applications

Logitek Super-VU meters are designed for applications requiring higher resolution, such as CD mastering or duplication. Each bargraph is composed of 40 tri-color LEDs; VU is indicated in green with simultaneous peak shown in red. A switchable hold feature provides either a momentary or continuous hold of the highest peak reading. The zero VU point (indicated in yellow) is user adjustable, allowing optimum use of the 70 dB meter range.

The Super-VU's dual bargraphs handle two channels per display. Models are available with one, two or three sets of dual bargraphs and are available in desktop or rackmount configurations. (5.1 and 7.1 surround models are also available; see the Surround Meters datasheet for more information.) A special configuration (shown above), VU plus phase/mono sum display, is available with either one or two stereo meters, plus another set of bargraphs showing mono sum, stereo image and phase information. With this unique display, the location and width of the stereo image is clearly visible and any problems with phase reversals or off center mono content are immediately seen.

Analog input versions have bridging inputs that accept balanced or unbalanced signals while the gain trim controls allow for easy calibration to any reference level. Digital input versions accept professional and consumer format serial data via a transformer isolated input that automatically locks to the incoming sample rate. A bridging, pass-through mode allows the unit to monitor digital lines without the need for a distribution amplifier.

# Super-VU Meter Specifications

Number of Indicators:	40 bar type tricolor LEDs	Available models:	
0 VU Point:	16 user selectable positions	SDF-A	1 stereo meter in a desktop case - analog inputs
		SDF-D	1 stereo meter in a desktop case - digital inputs
Analog Input:			
Sensitivity	-10 to +24 dBu for full scale	SV1-A	1 stereo meter in 1RU enclosure - analog inputs
Sensitivity Adjustment	Screwdriver adjustment on rear panel	SV1-D	1 stereo meter in 1RU enclosure - digital inputs
Overload Level	+24 dBm	SV1-B	1 stereo meter in 1RU enclosure - both analog and digital inputs
Impedance	40K Ohm balanced or 20K Ohm unbalanced		
Connector	3 pin XLR	SV2-A	2 stereo meters in 1RU enclosure - analog inputs
		SV2-D	2 stereo meters in 1RU enclosure - digital inputs
Digital Input: .		SV2-B	2 stereo meters in 1RU enclosure - both analog and digital inputs
Codes	AES / EBU, S / PDIF		
Impedance & Connector	110 Ohm balanced (XLR), 75 Ohm unbalanced (w/optional RCA Coax adaptor) (75 ohm BNC available)	SV3-A	3 stereo meters in 1RU enclosure - analog inputs
		SV3-D	3 stereo meters in 1RU enclosure - digital inputs
Pass - through	2200 Ohm balanced (XLR)	SIS1-A	1 stereo meter plus phase/sum in 1RU enclosure - analog
Sample Rate	up to 96 kHz	SIS1-D	1 stereo meter plus phase/sum in 1RU enclosure - digital
Response Time:			
VU Mode	300mS / 20dB attack and release	SIS1-B	1 stereo meter plus phase/sum in 1RU enclosure - both analog and digital inputs
PPM Mode	0mS attack, 2.8 Sec. / 20dB release		
Peak Mode	0mS attack, 3 second hold, 2.8 Sec / 24dB release	SIS2-A	2 stereo meters plus phase/sum in 1RU enclosure - analog
		SIS2-D	2 stereo meters plus phase/sum in 1RU enclosure - digital
Max Hold	0mS attack, pushbutton release, 200mS / 20dB	SIS2-B	2 stereo meters plus phase/sum in 1RU enclosure - both analog and digital inputs
Image/Phase Display	1 second hold on max. image width		
Frequency Response:	+/- .1dB (20 hz - 20,000 hz)		Also available in 5.1 and 7.1 surround meters, vertical displays, desktop enclosure
Power Requirement:			
SV1, SIS1, SDT	115/230VAC switchable, 50/60 hz 8 watts		
SV2, SIS2	115/230VAC switchable, 50/60 hz 13 watts		
SV3	115/230VAC switchable, 50/60 hz 18 watts		
Dimensions: .			
SV1, SV2, SIS1	19" W x 7" D x 1 3/4" H		
SIS2	19" W x 7" D x 3 1/2" H		
SDT	6" W x 6 1/4" D x 2 1/2" H		



Logitek Electronic Systems, Inc. 5622 Edgemoor Houston, TX 77081  
 713.664.4470 toll-free: 800.231.5870 fax: 713.664.4479  
[www.logitekaudio.com](http://www.logitekaudio.com)

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