



## Hoyt VU Meters

Hoyt Electrical instrument Works Inc is one of the last TRUE VU manufacturers located in the US.

Hoyt Electrical Instruments Works Inc offers a large variety of standard as well as custom meters, including “Vintage” or “Retro” Style meters . All VU meters can be designed with or without illumination capabilities.

Hoyt also offers the choice of either a Buff or white dial for your VU meter.

VU Meter has become the universal standard level for practically all audio frequency transmission systems. VU Meters are for the measurement of sound or noise levels

Most commonly used in applications with Compressors, Limiters and Audio Systems.

**STANDARDIZED INSTRUMENT SCALE** The VU meter has become so universally accepted that numerous requests have been received to add other scale ranges to the VU Scale for special purposes...

### TYPE “A” SCALE

The “A” Scale reads “20 to +3” in type on the top of the arc, with “0100” on the bottom of the arc in type.



### TYPE “B” SCALE

The “B” Scale reads “0100” in type on the top of the arc, with “-20 to +3” in type on the bottom of the arc,



The performance of the Hoyt VU meter is based upon the requirements of BS 6840: Part 17:1991, IEC 268 – 17 1990. The dynamic characteristics quoted, which requires the response time to 99% of reference deflection (0vu) to be 0.3 seconds +/- 30ms, 0-100% with an over swing of at least 1.0% but not more than 1.5% are not fully met. The over swing, because damping is allowed to spread within normal design restraints, can vary to meet your specifications.



## FEATURES

### Pointers and Dials

The combination of „Spade“ shaped pointer and conventional arc scale on metal buff colored dial results in an easily read meter, even when monitoring a row on a large console. A white dial can be specified if required.

The standard scale is based on the vu „A“ scale as illustrated in the above photograph but the „B“ scale with the „percent“ reading at the top can be supplied to order at no extra cost.

### Zero adjuster

Positioned on the rear front is standard. (Rear available at extra cost)

### Certified drawings

Available upon request.

### Operating temperature

-25C to +55C

### Illumination

Internal LED illumination 12 Volt available, light boxes Custom upon request at extra cost.

### Terminals

Brass #10 Terminals are standard, Leads or Tabs available upon request.



Available with front of panel mounting, full bezel or window mounting.

Hoyt Cases are constructed from the highest quality materials  
Plastic, Phenolic and Metal.

“Vintage” or “Retro” case styles are also available.

Pivot and Jewel Alnico magnet movements incorporated as standard.  
This rugged movement makes Hoyt meters equally suitable for  
portable or fixed audio applications.

There is no calibration effect when mounted on a ferrous panel.

All Hoyt meters are normally supplied and designed to meet the  
requirements of current BS89, IEC51, EN60 051 and ANSI C39.1  
standards.