

dbx

81 W extended range dBm meter

Now for the first time routine noise measurements on professional audio systems can be made without elaborate laboratory instruments.

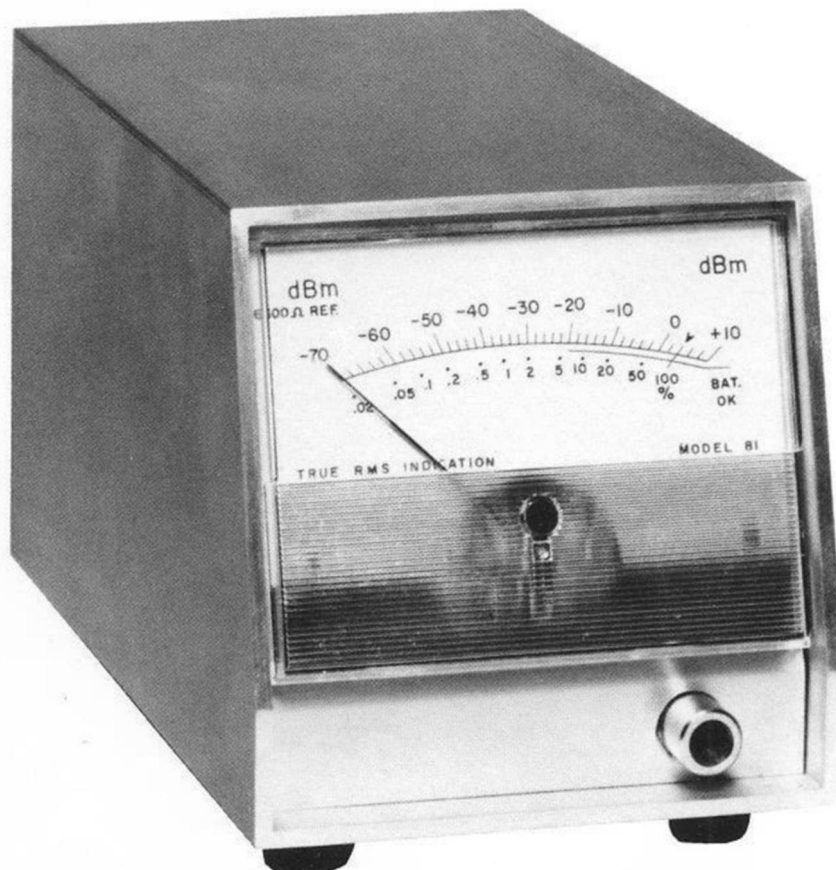
The dbx Model 81W extended range dBm meter makes noise and program level measurements simple and convenient. It covers the entire dynamic range of most program material on a single scale. A percentage scale allows wide range modulation monitoring.

The dbx Model 81W uses advanced FET operational amplifier and logarithmic converter techniques. A unique circuit provides true RMS readout.

Model 81W has a second jack which adds 40 dB to the scale reading thereby covering both -70 to $+10$ dBm and -30 to $+50$ dBm.

Features

- wide dynamic range
- battery operated
- -70 to $+10$ dBm on a single scale
- ring tip sleeve plug
- true RMS response
- available with $+50$ dBm range



Specifications

Accuracy

- ± 1 dB @ 0 dBm
- ± 1.5 dB from -60 to 0 dBm
- ± 2.5 dB @ -70 dBm

Input

- 10 K ohm bridging input isolated from metal case.
- Switchcraft M series jack accepts PJ051 ring tip sleeve plug.
- Ring and tip to meter, sleeve grounded to case.

Battery

- Burgess 2N6, 2 required, 300 hours life.
- 2U6 may be substituted for 30 hours life.

Response

- 40 to +10 dBm 20 Hz to 20 kHz
- @ -60 dBm 20 Hz to 15 kHz
- @ -70 dBm 20 Hz to 7.5 kHz

Dimensions

- 4" H × 4" W × 7¼" D
- (10.16 cm × 10.16 cm × 18.42 cm)

Weight

- 3 lbs. (1.36 Kg)

Warranty

- dbx products are covered under a limited warranty (parts and labor) for two years from date of original purchase.



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Specifications subject to change without notice. Manufactured under one or more of the following U.S. patents: 3,681,618; 3,714,462; 3,789,143; 4,101,849; 4,097,767.
Other patents pending.

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