

General

The POD11A is a digital series loudness meter display the average (VU) and peak contents of an audio signal simultaneously. The meter includes a pair of “sticky” peak LEDs (for each stereo pair) that may be set to display peaks that exceed a preset limit, a phase correlation meter and status LEDs to display lock or signal error.

Each stereo bar graph indicator comprises a dual set of 41 LEDs with VU and PPM activity areas clearly defined. A rear panel dip switch array allows for configuration of various parameters such as meter ballistics and calibration levels as displayed on the rear panel beside the dip switch, please refer to the Dip Switch Settings in this manual. Connections to the POD11A are made via pluggable 3-pin screw terminals when connecting balanced AES signals or via BNC connectors when connecting unbalanced AES signals. If a viable AES signal is connected to the SLM the “LOCK” status LED will illuminate. If the signal is lost or corrupted the “ERROR” status LED will illuminate. For more information and special applications please consult the factory.

Setup and Installation

Dip Switch Settings

		ON	OFF
BS1 (SW4)	Ballistics 1	peak hold off	peak hold on
BS0 (SW3)	Ballistics 0	PPM Type 1	PPM Type 2
CAL1 (SW2)	Calibration 1	See Table 2	
CAL0 (SW1)	Calibration 0	See Table 2	

Ballistics

PPM Type 1 = 1.5 Second/24dB decay.
 PPM Type 2 = 3.0 second/24dB decay.
 Peak Hold - This features holds 'PPM' peaks above 'nominal' for 3 seconds.
 Peak LED - This LED holds instantaneous peaks above -3dB for 3 seconds.

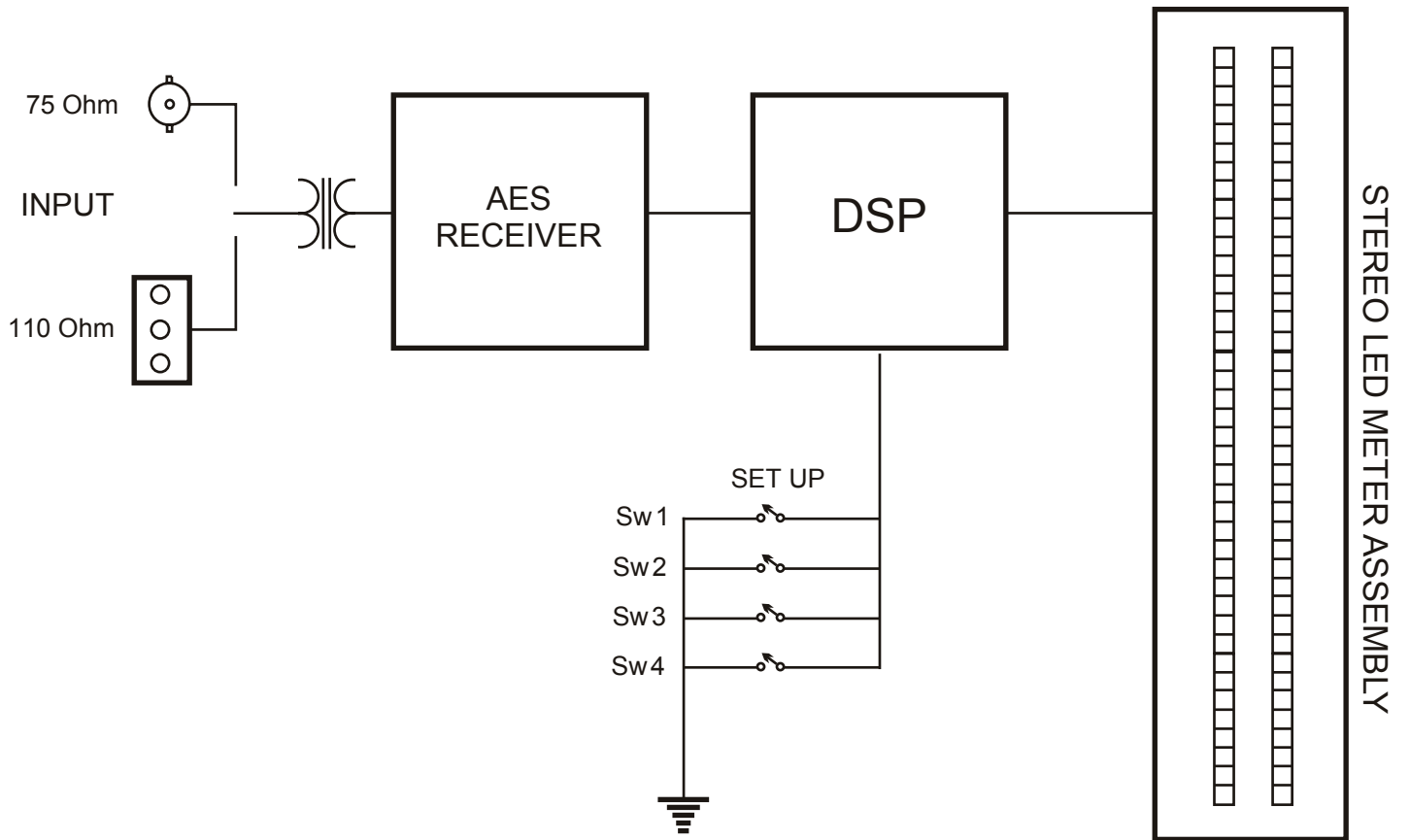
	Calibration 1	Calibration 0	Nominal Level
0	ON	ON	-20dBu
1	OFF	ON	-18dBu
2	ON	OFF	-16dBu
3	OFF	OFF	-14dBu

Product Specifications

Meter Calibration	0VU = -20 dBFS default, conf. w/ DIP switches
Input AES/EBU 110 Ohm	Transformer balanced screw terminal
Input 75 Ohm	Unbalanced BNC
Input Level	0.2-5V p-p
Sampling Frequency Range	30kHz to 96kHz
Frequency Response	+/- 0.25 dB, 20 Hz to 20 kHz
Peak Hold Indicator Thresh.	-3 dB below Full Scale

General

Power Requirements	115V AC/60Hz (230V AC/50Hz optional)
Dimensions	221mm x 44mm x178mm (8.69"x1.73"x7.0")
Weight	1.37 kg (3.01 lbs)



Warranty

All Ward-Beck Systems Ltd. Products are warranted against defective materials and workmanship for a period of one year from the date of shipment

Ward-Beck Systems Ltd. Will repair or replace, as its opinion and without charge, all said products or parts thereof which upon factory inspection prove to be defective during the warranty period. Provided that:

1. The original serial numbers are intact and have not been tampered with
2. The purchaser shall return any equipment or parts thereof to Ward-Beck Systems Ltd. Only after obtaining prior authorization and shipping instructions from the factory. (Ward-Beck Systems Ltd. Reserves the right to inspect or repair the equipment on the purchaser's premises)
3. The purchaser assumes the obligations for all expenses in connection with the shipping and return of such goods, once authorization has been obtained

This warranty does not cover items normally considered expendable, such as fuses and lamps.

This warrant does not cover damages caused by misuse, accident, neglect, unauthorized alteration, repair by unauthorized personnel, or damages caused by act of God, war, or civil insurrection.

In no event shall Ward-Beck Systems Ltd. Be liable for consequential damages. Ward-Beck Systems Ltd shall have the rights to final determination as to the application of this warranty.

Ward-Beck Systems Ltd. Reserves the right, at any time and without notice, to make changes in its equipment, components, specifications or design, as may be warranted by progress in state-of-the-art technology.

Ward-Beck Systems Ltd. Reserves the right to make design changes, additions to, and improvements in its products, without obligation to install such revisions in products previously manufactured.

The warranty set forth herein is in lieu of all other warranties expressed or implied, including the warranties of merchantability and fitness.

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