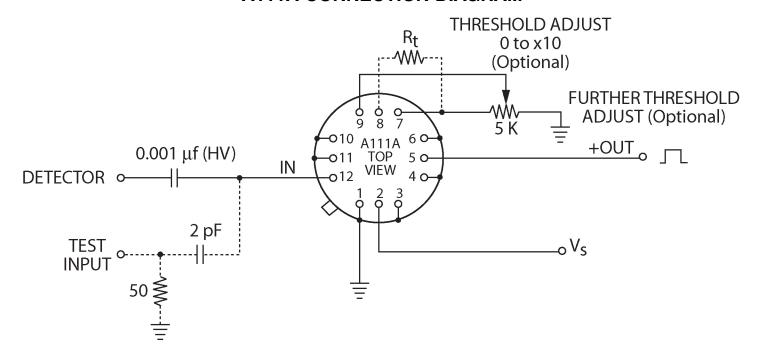


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A111A CONNECTION DIAGRAM



A111A PIN CONFIGURATION

(Counter clockwise as viewed from the top)

Pin 1, 3, 4, 6, 10, 11	Ground and Case
Pin 2	V _s (+4 to +18 VDC)
Pin 5	Discriminator Output
Pin 7	Analog Monitor Output
Pin 7 and 8	R ₊ - Threshold Adjustment
Pin 9	Discriminator Input
Pin 12	Detector Input

The A111A is the same product as the A111 except that Pin 9 is the input to the discriminator. In the case of the A111 the connection from the output of the preamplifiers to the input of the discriminator is made internally. In the A111A, however, this connection **must** be made externally if the discriminator is to be used.

To operate the A111A as an A111 the connection between Pin 7 and Pin 9 **must** be made externally.

The A111A gives maximum flexibility in threshold adjustment other than the one provided (0 to x10) by the connection of a resistor R_t between Pin 7 and Pin 8 as described in the specifications. Further threshold adjustment can be achieved in the A111A by adding a resistive 5 K Ω divider load from Pin 7 to ground with the wiper arm connected to Pin 9.