

ADS L910-SERIES II SPECIFICATIONS

DRIVER COMPLEMENT:

One acoustic suspension, soft-dome tweeter, 3/4" diameter, with single-layer, high-temperature metal voice coil
Magnetic flux density: 1.8 Teslas (18,000 Gauss)
Magnetic flux: 325,000 nW
Useable frequency range: 2,500-30,000 Hz
Operating frequency range: 4,000-30,000 Hz
One acoustic suspension, soft-dome midrange driver, 2" diameter, with high-temperature metal voice coil
Magnetic flux density: 1.5 Teslas (15,000 Gauss)
Magnetic flux: 1,400,000 nW
Useable frequency range: 400-6,000 Hz
Operating frequency range: 500-4,000 Hz
Two long excursion, high-compliance woofers, 10" diameter, with high-temperature metal voice coils, installed in separate chambers
Magnetic flux density: 0.95 Teslas (9,500 Gauss)
Magnetic flux: 950,000 nW
Driver resonant frequency: 24 Hz (free air)
Operating frequency range: 18-500 Hz
System resonant frequency: 38 Hz

SPEAKER SYSTEM:

Type: Vertical array
Frequency response: 28-20,000 Hz (± 3 dB)
18-25,000 Hz (± 5 dB)
Impedance: 6 Ohms nominal; 4 Ohms minimum
Nominal power rating: 150 W
Musical peak power rating: 300 W
Recommended amplifier power: 15 W RMS minimum
300 W RMS maximum
Efficiency: 93 dB SPL (at 1 Watt RMS input at 1 meter into a room of 2000 cubic feet volume)
Crossover: frequencies-550 & 4,000 Hz; slope-12 dB/octave
Weight: 100 lbs. net (45.5 kg)
Size: 33 1/2" (H) x 19" (W) x 15 1/4" (D)

CROSSOVER NETWORK:

Type: Saturation free LCR-network, approximately 12 dB/octave
Frequencies: 500 Hz; 4,000 Hz
Controls:
Tweeter (switch controlled):
at 12.5 kHz - flat; -2 dB; -4 dB; -6 dB
Midrange (switch controlled):
at 2.0 kHz - flat; -2 dB
Cabinet finish: Select dark walnut including baffle and back.
Piano black finish on part of baffle.
Solid walnut round corners.
Grill: Removable black cloth

SPECIAL FEATURES:

Fuses: 3 fuses, one for each driver section, mounted in crossover panel (accessible from front)
Program cards: Speaker is supplied with program card for single amplifier use
Optional: Additional programming cards for bi- and tri-amplification
(External electronic crossover, and additional amplifiers are required)
Optional power meter: ADS 900 LPM reads power supplied to speaker in 9 steps of 3 dB each
Sensitivity: 1.5-400 W
Type: Peak reading
Installation: Simple add-on to crossover panel.
No AC power required.
Optional bi-amplifier: 300 W bi-amplifier/crossover plug-in module in preparation
Mandatory accessory: Black metal stand ADS F900

ADS FIVE YEAR LIMITED WARRANTY

Analog & Digital Systems, Inc. ("ADS") warrants to the first consumer purchaser of a new, undamaged ADS loudspeaker, that the loudspeaker will, under normal and reasonable use, be free from defects in material and workmanship for a period of five (5) years from the date of purchase. ADS shall, during such period, repair (or at ADS' sole option replace) the defective product or part without cost to purchaser other than one way freight charges.

This warranty is the sole and exclusive express warranty given with respect to ADS loudspeakers for home use and does not include any ADS products for mobile and automotive application and all other express warranties are hereby excluded. NEITHER ADS NOR THE LICENSED ADS DEALER WHO SELLS THE LOUDSPEAKER IS RESPONSIBLE FOR INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO A PERIOD OF SIXTY (60) MONTHS FROM THE DATE OF PURCHASE. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

The ADS warranty does not extend to any defect, malfunction, or failure caused by misuse, abuse, faulty hookup, defective associated equipment, or the use of the loudspeaker with equipment for which it was not intended.

This warranty is valid only for a Speaker purchased in the U.S. and when the Speaker is returned to the licensed ADS dealer from whom it was purchased or directly to ADS at the address shown below, freight prepaid, together with proof of date of purchase. For the names and addresses of other licensed ADS dealers in your area who will provide warranty service, simply contact ADS.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

ADS reserves the right to modify designs, equipment, and accessories without notice in the interest of technical progress.



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