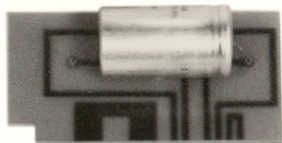
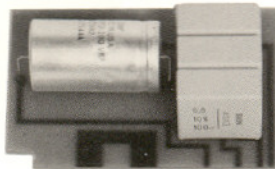


POWER METER ADS 900 LPM

THE CABINET:

The ADS 910 weighs a little over 100 lbs. A good part of this weight is contained in the cabinet itself with its solid internal bracings and a speaker baffle of one inch thickness. Its high density walls are veneered on both sides and the cabinet is partitioned for complete acoustical stiffness. All drivers are flush mounted on the baffle board to eliminate sound diffraction and reflections, and the sonically transparent cloth grill is of such open weave that the light emitting diodes of the power meter can be seen clearly without exposing them directly. The walnut veneered baffle is finished in ebony black to complement the clean technical appearance of the driver components. For additional freedom and placement of the speaker, all sides including the back are finished to the high standards of grand piano manufacture. Our model 910 is designed for mounting on its swivel stand which optimizes the bass accuracy in your listening environment. With its elegant proportions and its fine craftsmanship, the ADS 910 can be harmoniously integrated into the most decor-conscious home.



PLUG-IN PROGRAM CARDS
FOR TRI/BI/SINGLE AMPLIFICATION

CONCLUSION:

When we talk about studio components, we realize that this term has often been abused. We like to stress, therefore, that the ADS 910 is truly professional in every way. It was designed to be accurate enough to monitor mix-down and the sound quality of the finest classical recordings. At the same time, it was built to be rugged enough to be driven to high levels without distortion. We consider the ADS 910 to be the ultimate refinement of the acoustic suspension design concept for three convincing reasons:

1. The ADS 910 was built for use in a recording studio. In your home it can deliver a level of performance and pleasure limited only by the characteristics of your room and the quality of program source material and associated equipment.
2. The electronic flexibility of the 910's crossover network allows it to grow with you in the years to come, adapting infinitely to your changing requirements.
3. You will never tire of looking at the 910 because of the craftsmanship and timeless design expressed by the dignified lines of its enclosure.

In this spirit, we recommend the ADS 910 to those who seek out and surround themselves with the best.



SPEAKER SYSTEM PERFORMANCE

Frequency response:

28-20,000 Hz (± 3 dB)

18-25,000 (± 5 dB)

Dispersion (-3 dB): 120° at 12.5 kHz

Impedance: 4 Ohms minimum; 6 Ohms typical

Power rating: 150W RMS

Recommended amplifier power:

15W RMS min., 300W RMS max.

Efficiency: 93 dB SPL (at 1 Watt RMS input at 1 meter in room of 500 sq. ft.)

ADS 910 SPECIFICATIONS

DRIVER COMPLEMENT

High Frequency Section

One 1" diameter acoustic suspension, soft tissue dome tweeter with 1" single-layer, high-temperature voice coil.

Magnetic flux density: 1.7 Teslas
(17,000 Gauss)

Magnetic flux: 460,000 nW

Usable frequency range: 1300-25,000 Hz

Operating frequency range: 4,000-
25,000 Hz

Midrange Section

One 2" diameter acoustic suspension, soft tissue dome midrange driver with 2" high-temperature voice coil.

Magnetic flux density: 1.45 Teslas
(14,500 Gauss)

Magnetic flux: 1,400,000 nW

Usable frequency range: 400-9000 Hz

Operating frequency range: 500-
4,000 Hz

Bass Section

Two 10" diameter long excursion woofers in separate chambers. 1.5" high-temperature voice coils.

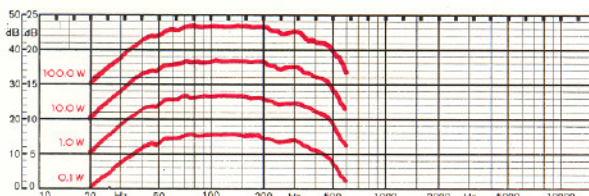
Magnetic flux density: 1.0 Teslas (ea.)
(10,000 Gauss)

Magnetic flux: 1,000,000 nW (ea.)

Resonant frequency: 24 Hz (free air)

Operating frequency range: 18-500 Hz

System resonant frequency: 39 Hz



Graph indicating superb dynamic range of ADS 910 bass drive system for various power levels.

Note: virtual parallel tracking of curves over wide range of power inputs.

CROSSOVER NETWORK

Type: Saturation free LCR-network, approximately 12 dB/octave

Frequencies: 500 Hz
4000 Hz

Controls

Tweeter (switch controlled):

at 12.5 kHz
flat
-2dB
-4dB
-6dB

Midrange (switch controlled): flat
at 2.0 kHz
-2dB

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 ea. Sensitivity: 1.5-400W

Type: Peak reading

Installation: simple add-on to crossover panel.

No AC-power required.

Optional tri-amplifier: High power tri-amplifier/crossover plug-in-module in development.

DIMENSIONS AND WEIGHTS

Size: 33.5" (H) x 19" (W) x 15 1/4" (D)
85 cm (H) x 48 cm (W) x 39 cm (D)

Weight: 100 lbs. (45.5 kp)

Cabinet finish: Select dark walnut including baffle and back. Ebony finish on part of baffle. Solid walnut round corners.

Grill: Removable black cloth.

SPEAKER STANDS

Cast aluminum swivel stand for optimum room placement (strongly recommended). Stand lifts speaker 10" off the floor.

Weight: 16 lbs.

Finish: Black wrinkle finish.

ADS THREE 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 three (3) 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 THIRTY-SIX (36) 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 an ADS speaker purchased in the U.S. and when the ADS loudspeaker is returned to a licensed ADS dealer or directly to ADS at the address shown below, freight prepaid, together with proof of date of purchase. For the name and address of the nearest licensed ADS dealer, simply contact ADS or consult the classified section (Yellow Pages) of your local telephone directory.

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

ADS, ANALOG & DIGITAL SYSTEMS, INC.
Industrial Way Wilmington, Massachusetts 01887 Phone - (617) 658-5100

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