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AUDIO engineering society, Inc. Pacific Northwest Section

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World Wide Web - <http://weber.u.washington.edu/~louie/aespnw.html>



January 1997 Meeting Notice

Loudspeaker Listening Workshop

AES – Pacific NW Section /Washington Association of Production Services (WAPS)

WHEN: Wednesday, January 22, 1997 - 7:30 PM

WHERE: The Paramount Theatre, 911 Pine Street, Seattle, WA

DIRECTIONS: I-5 Northbound: Seneca St. exit, right onto 6th Ave., right onto Pike St., left onto 8th Ave., right onto Pine St., theater is on right, corner of 9th Ave.

I-5 Southbound: Stewart St. exit, Stewart St. towards downtown, left onto 9th Ave., theater is on left corner at Pine St. Pay parking lots are nearby, as well as street parking. Enter at front door of theatre under marquee.

You are invited to listen, under as controlled and neutral conditions as possible, to four of the finest all horn-loaded loudspeakers available in the world today. Brands and models in the test are:

- Apogee (model to be determined)
- Eastern Acoustic Works KF-850
- Electro Voice DeltaMax DMS-1183/64
- Meyer MSL-4

Representatives from Audio Control Industrial will be the impartial verifiers of signal level and polarity. Details on listening tips and test protocol will be available at the meeting. Among the things we will be listening for are:

- A) Evenness and bandwidth of frequency response;
- B) Evenness and bandwidth of frequency response throughout the width of the spatial coverage;
- C) Ability of speaker to *throw* to the depth of our listening area;
- D) Ways in which any of the above vary when two speakers are placed side-by-side, with varying angles between coverage centerlines;
- E) Variability of above with change in listening level;
- F) Maximum volume attainable.

We will listen to a single unit of each of the brands compared to a single unit of each of the other brands, listening both to music and to pink noise at a variety of controlled levels. Then we will listen to two units of each brand to determine the way they acoustically combine.

Since listening levels will at times approach the threshold of pain, each person is advised to bring whatever hearing protection device they deem appropriate, such as jet muffs, foam or other earplugs designed to attenuate sound, etc.

This event is made possible and fair through munificence and/or advice from Apogee Sound, Audio Control Industrial, Carlson Audio, Electro Voice, Dansound, Loppnow and Associates, Meyer Sound Laboratories, Northshore Marketing, RS Marketing, and especially the Paramount Theatre/Seattle Landmark Association.

About WAPS: The Washington Association of Production Services (WAPS) was created by companies in the live event production industry in the State of Washington, whose specialties include: Sound, Lighting, Audio-Visual, Motion Picture, Convention, Trade Show, and Special Event services. We intend to: raise the level of professionalism and safety in our industry; make members of our industry aware of issues that affect us; represent our industry when required; ensure that laws and regulations affecting our industry are being enforced in a fair and uniform manner; provide an opportunity for companies in our industry to interact in a non-competitive forum.

NON-MEMBERS ARE WELCOME TO ATTEND 1996-97 Officers and Committee Members

<i>Chair</i> Dan Mortensen Dansound 525-2113	<i>Vice-Chair</i> David Scheirman Concert Sound 842-9876	<i>Secretary</i> Gary Louie UW School of Music 543-1218	<i>Treasurer</i> Terry Denbrook KUOW 543-2710	<i>Committee</i> Barry James Puget Sound Recording 790-5540	<i>Committee</i> Steve Macatee Rane 355-6000	<i>Committee</i> Bob Moses Pavo 682-7223	<i>Committee</i> Rick Smargiassi Seattle Center 684-7191	<i>Committee</i> Rick Chinn Mackie 487-4333	<i>Committee</i> Allen Goldstein Symetrix 282-2555
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