



A Lifetime of Music

MEMO: To All Bryston Customers

SUBJECT: Bryston Loudspeaker Designs

Floyd Toole on Speakers.

Hi Folks,

Please see the link below. It is a talk by Floyd Toole regarding loudspeaker design – it is lengthy - about 1 hour and 13 minutes but has a wealth of information about how real speakers behave in real rooms.

I am dating myself here but I was involved back in the late 70's and early 80's when Floyd was working at the National research Center in Ottawa and went thorough many of these listening tests myself.

The Bryston loudspeaker designs are heavily based on the design principles presented in this seminar.

Please pay special attention to these highlights:

- 1. You do not hear the 'on axis' frequency response when listening to a speaker in a room – you are listening to the 'SOUND POWER'*
- 2. Published specifications matter – see our brochure*
- 3. Comb Filtering misunderstandings.*
- 4. Importance of 'Double Blind Testing'*
- 5. Equalization is just 'WRONG'*
- 6. Importance of manufacturing consistency*
- 7. Closing the loop between the recording side and the reproduction side*
- 8. Importance of the testing and measuring facilities available*

Click on link:

<https://www.youtube.com/watch?v=zrpUDuUtxPM>