Subject: Diaphram size of compression drivers, does it affect performance?
Posted by Adrian Mack on Sat, 01 Mar 2003 09:05:42 GMT
View Forum Message <> Reply to Message

Hey everyone. After going through the audioasylum pi speakers/high efficiency forum, it made me think about the compression drivers I will be buying. This guy said that the diaphram size matters. For instance, a compression driver with 1" throat, will sound better with a 3" diaphram than a 2". Is this true? Also I cannot find any 1" throat drivers with a diaphram as large as 3" (although 2" throat drivers do have 4" diaphrams). Does anyone know the diaphram size of the P.Audio 1" throat compression drivers?Thanks in advance! (but only if you decide to help, haha). Adrian

Subject: "Size matters"
Posted by Wayne Parham on Sat, 01 Mar 2003 18:52:26 GMT
View Forum Message <> Reply to Message

Large diaphragms can work at lower frequencies, but are less able to perform well at higher frequencies. But as for changing the size of the diaphragm in a compression driver, that's like changing the cone size of a 10" woofer. The compresson driver you buy will have a specific size diaphragm, and if you want a different size, you buy a different driver.