Microphony

Contents

The file microphony.zip contains 12 Wave files. Within each file there is a MLSSA-derived impulse response obtained during my testing of the microphony performance of the PrimaLuna ProLogue Three and Four pre- and power amplifiers, using different valve dampers. Files obtained from the Three begin 'plp3' and those from the Four begin 'plp4'. The remainder of the file name indicates the test conditions:

no additional characters	baseline measurement, no valve dampers, valve cage removed
*eat	EAT Cool Dampers fitted to the 12AX7s and 12AU7s
*ptc	Pearl Tube Coolers fitted to the 12AX7s, 12AU7s and EL34s
*tr	Duende Criatura Tube Rings fitted to the 12AX7s and 12AU7s
*c	valve cage fitted, no valve dampers
*r	repeat of the baseline measurement at the end of the test

It is important to understand that these files DO NOT represent the level of microphony present within the output of the test amplifiers. What they do provide is a means of assessing the relative effect of each of the valve dampers. For a full description of the test conditions and discussion of the results please refer to the May and June 2006 issue of Hi-Fi News.

System requirements

Because the Wave files all have a sampling rate of 105.3kHz (the original MLSSA sampling rate) they can only be replayed on a computer running Windows 2000 or later. In this case the files will be downsampled automatically by the Windows Kernel Mixer on replay to match the maximum sampling rate supported by your sound card. Attempting to play the files on an earlier version of the Windows OS will result in an error message.

Keith Howard
March 2006