Subject: Marantz SR-640 SR640 Idle current
Posted by vinyltocdr@msn.com on Sun, 31 Aug 2008 03:47:46 GMT
View Forum Message <> Reply to Message

hello,  i just got done restoring a Marantz SR-640.  on the amp board there is a idle current adjustment for each channel (along with a dc offset adjustment).does anyone have a service manual or know where to put the meter probes and what mA to set the idle current to for the outputs ?  if anyone could tell me this information, it would be greately appreciated.thanks for any help.Steve

Subject: Re: Marantz SR-640 SR640 Idle current
Posted by Wayne Parham on Tue, 02 Sep 2008 18:27:42 GMT
View Forum Message <> Reply to Message

Have you tried StereoManuals.com?My gut feeling is if Class AB I would want a small amount of quiescent current, enough that the transistors were biased on but just.  No need for current flow to be any higher than necessary to get the transistors biased on.If Class A, I would want the quiescent current to be biased at the halfway point, but that's the tricky part.  The midpoint would be set not only by the current capacity of the output devices but also by the voltage rails oon the power supply.  Which ever comes first is the limit, and the halfway point should be set by the limit.