

# Janus/Calypso

## Internal Gain Adjustment Instructions

The Calypso / Janus is a high gain linestage. Audio systems with efficient speakers and / or sensitive amplifiers may require less gain. One indication would be a low volume control range, i.e. 0-40 for normal listening level. Another is excessive tube hiss from the Calypso / Janus (referring to the linestage section of the Janus). If there is excessive tube hiss and the volume range is greater than 40, likely the tubes are the problem and the vacuum tube troubleshooting guide should be consulted. If it is determined that a lower gain setting is desirable, the following procedure details a  $-12\text{dB}$  gain reduction. Reducing the gain by  $12\text{dB}$  will also reduce tube hiss by  $12\text{dB}$ .

### Procedure:

1. Disconnect the AC power cord from the Janus or Calypso.
2. Wait a full 20 minutes for the power supply to drain to safe levels.
3. Remove the top cover.
4. Locate the jumper blocks shown in the diagram at right.
5. There are 2 choices of gain setting: either  $0\text{dB}$  or  $-12\text{dB}$ . There are 2 shunts per channel. The 2 shunts need to be on the outside positions for  $0\text{dB}$  or on the 2 inside positions for  $-12\text{dB}$ . Set them both according to the requirements.
6. Repeat the above step for the other channel.
7. Replace the top cover.

