

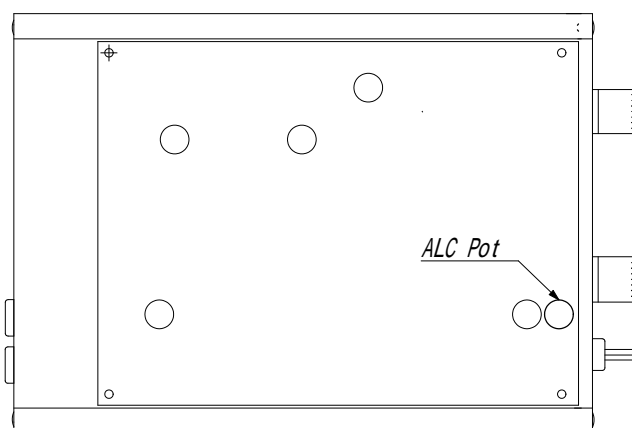
(7) ALC POT ADJUSTMENT

If the drive power from the radio exceeds the designed limit of 5W, output of the amplifier will also exceed the designed value of 45W, and output signal wave form may get distorted, especially in SSB mode. In order to keep the output within the maximum limit and to avoid signal distortion, ALC connection is most effective.

Negative DC voltage of 0 ~ 8V max. will appear according to the amp output level. When this voltage (ALC voltage) is fed back to the radio, it works to have the radio's output power suppressed according to the ALC voltage applied to the radio. To adjust ALC voltage, look at the bottom plate to find a small hole to access to the ALC adj. pot.

When this pot is turned fully counter-clockwise, ALC voltage becomes zero. If it is turned clockwise, absolute DC voltage value of ALC will become higher and output power will start to decrease at some point.

To set the ALC pot, try to find the point where output level will start to decline. Referring to RF power meter placed at antenna side, adjust the pot for 45W output, or set the pot at the point where the maximum output is just about to decrease. (If you do not wish to apply any ALC, turn the pot fully counter-clockwise and leave it there.)



**Do not touch other pots, for they are pre-adjusted with specialized test equipments.*