Important Cryogenic Amplifier Pinout Information

1 Meter Cable
Microtech EP-7S-1 cable connector
Back view of connector

[Diagram showing pinout connections]

Microtech MS-7 Cable

The accompanying data sheet provides voltage and current information for each stage.

In order to bias each stage to draw the current as specified on the data sheet, a NEGATIVE voltage must be applied to the gate side while simultaneously applying voltage specified by the data sheet to the drain.

Begin by applying about -0.2 V to the gate side and slowly increase until the drain reaches the values shown on the data sheet.

The voltage value to the gate side should be between -0.5 and -2 V.

DO NOT TURN THE UNIT ON WITHOUT GATE VOLTAGES. RUNNING THIS AMPLIFIER WITH ONLY THE DRAIN VOLTAGES MAY DAMAGE THE FETS

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