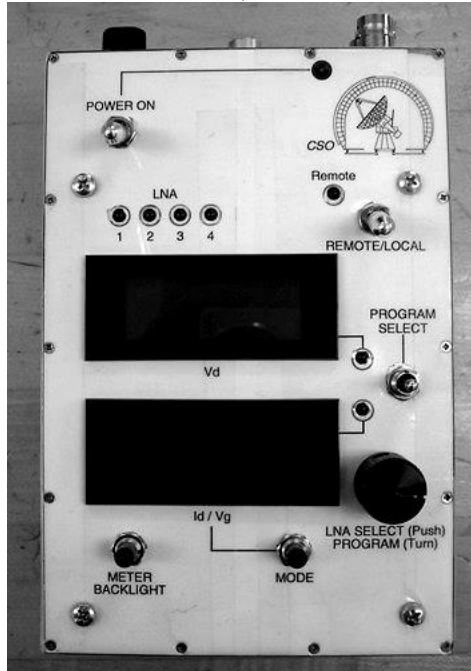


## LNA Bias Box Front Panel Controls and Indicators DW001,DW002



### Power Switch:

On (up): connects power to the LNA Bias circuit.  
Off (down): disconnects power from the LNA Bias circuit.

### Remote/Local Switch:

Remote (up): allows remote computer control of the unit. If a remote computer does not take control, then the unit remains in local (front panel active) mode.  
Local (down): unit is in local (front panel active) mode.

### Remote Indicator:

Lighted: remote computer has control of the unit, and the front panel is inactive.  
Dark: unit is in local (front panel active) mode.

### Selected LNA Indicators:

The lighted indicator (1 – 4) shows which LNA has been selected for monitoring or control (if unit is in local mode).

### Vd Display:

Displays the drain voltage (in volts) of the selected LNA (if unit is in local mode).

### Id/Vg Display:

Displays the drain current (in mA) or the gate voltage (in volts) of the selected LNA (if unit is in local mode).

### Program Select Switch and Indicators:

Up (momentary): Toggles the unit into and out of drain voltage programming mode of the selected LNA. Programming of the LNA drain voltage is active if the corresponding indicator is lighted. The programmed voltage value is saved when a different LNA is selected or the drain voltage programming mode is exited.

Down (momentary): Toggles the unit into and out of drain current programming mode of the selected LNA. Programming of the LNA drain current is active if the corresponding indicator is lighted. The programmed current value is saved when a different LNA is selected or the drain current programming mode is exited.

**Program Set/LNA Select Control:**

Pressed (momentary): changes the selected LNA by stepping to the next LNA in sequence, as indicated by the Selected LNA indicators (if unit is in local mode).

Rotate: changes the programmed value of the selected LNA drain voltage or drain current, as determined by the Program Select Switch and Indicators.

**Id/Vg Display Mode Pushbutton:**

Unpressed (default): Id/Vg Display displays Id (drain current) of the selected LNA.

Pressed (momentary): Id/Vg Display displays Vg (gate voltage) of the selected LNA.

**Meter Backlight Pushbutton:**

Pressed (momentary): Activate the Vd and Id/Vg display backlight timer. The timer supplies display backlight power for approximately 2 minutes.