ADJUSTMENT

1. BBD CLOCK FREQUENCY
1-1. Set Controls.

1-2. Connect scope or counter to point [3].
1-3. Adjust RT-4 for 80kHz ±4kHz (13.2μs - 11.9μs).

2. BBD BIAS
2-1. Set Controls.

2-2. Connect audio generator (AG) to INPUT jack and set AG for 1kHz, ~6dBm, √2 wave.
2-3. Connect scope to point [4].
2-4. Adjust RT-2 for symmetrical waveforms.

3. FEED BACK LEVEL
3-1. Set Controls.

3-2. Connect AC voltmeter to D+E OUTPUT jack.
3-3. Connect audio generator to INPUT jack and set AG for ~300mV/√2 wave.
   Sweep AG between 800Hz and 1kHz and set it to the frequency at which the waveform shows maximum amplitude.
3-4. Adjust RT-1 so that D+E OUTPUT level is 0dBm ± 0.5dB.

4. NOISE GATE THRESHOLD LEVEL
4-2. Turning RT-3, note the extreme readings on the scope.
   Adjust RT-3 for 1/2 the full level shift ±0.5V.

CHECKING

1. D+E OUTPUT NOR FEEDBACK
Connect AG to INPUT jack.
AG: 0.2Vp-p, 50Hz, √2 wave

2. D+E OUTPUT INV FEEDBACK
Connect AG to INPUT jack.
AG: 0.2Vp-p, 50Hz, √2 wave