

Parallel Operation of two PA1 RF Power Amplifiers

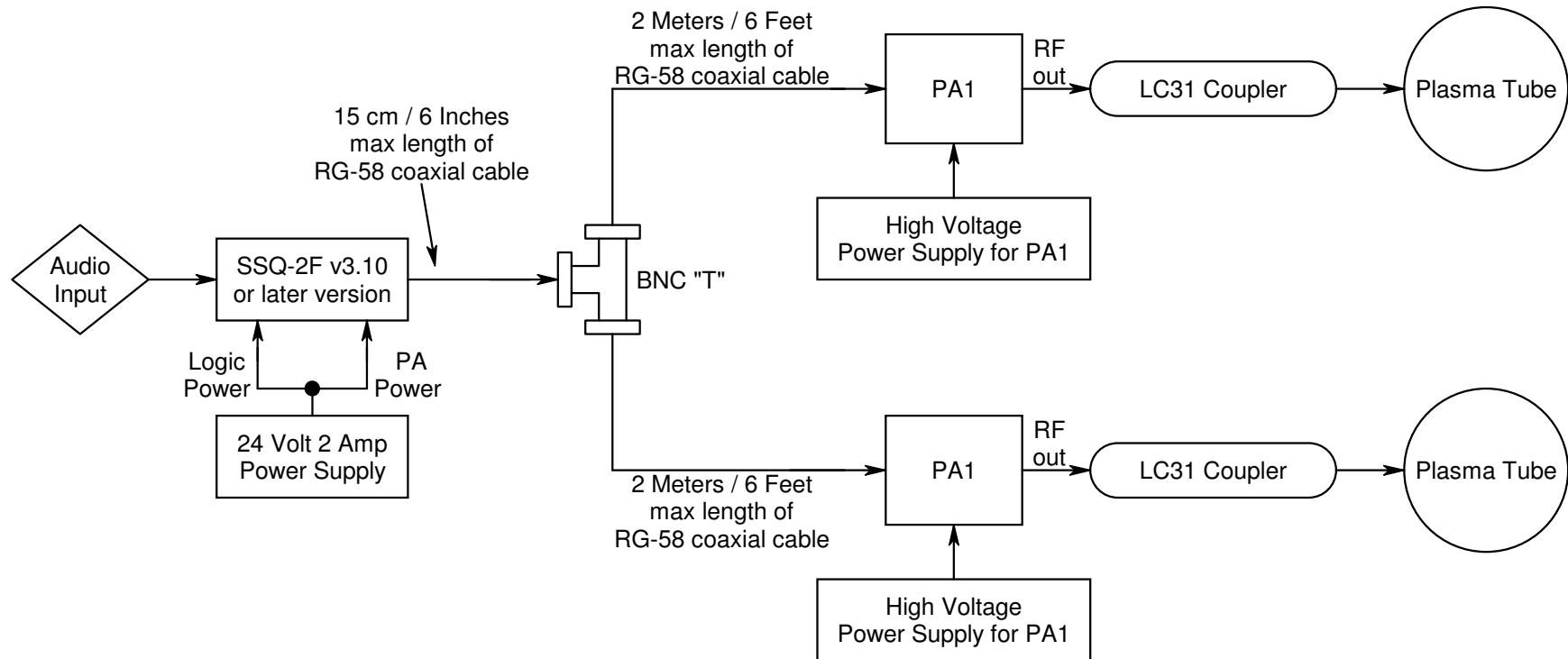
When Driven by a Single SSQ-2F v3.10 or later version.

For 3.1 or 3.3 MHz Carrier Operation only.

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- The cables between the SSQ-2F and the PA1 amplifiers may be connected in parallel directly to the SSQ-2F instead of using the BNC "T".
- RG-58 coax cable is suggested, but any small diameter coaxial cable may be used.
- The coaxial cables from the SSQ-2F to the PA1 amplifiers should be the same length.
- The PA1 amplifiers may be driving different types of plasma tubes and may be using different power supply voltages.
- The 12 volt regulator and the IRF730 on the SSQ-2F must be properly heat sunk.
- The DC supply voltage to the SSQ-2F should be 24 volts.
- One of the PA1 amplifiers may be turned off while the other amplifier is operating.