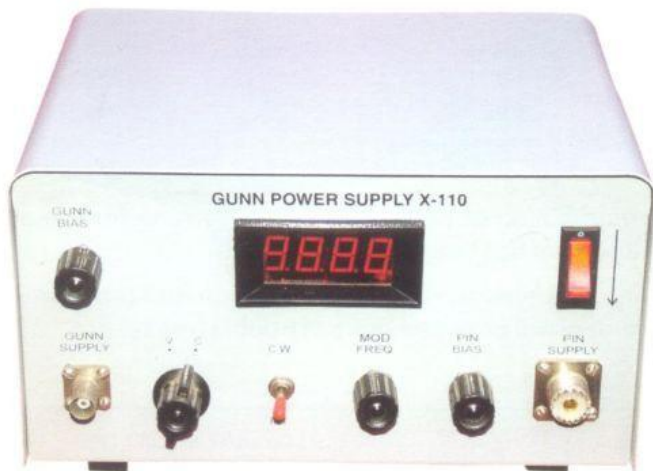


## Gunn Power Supply, X-110



**Model X-110 Gunn Power Supply comprises of regulated D.C. power supply and a square wave generator, designed to operate Gunn-Oscillator model 21 52 etc. and Pin-Modulator model 451 simultaneously.**

**The D.C. Voltage is variable from 0 to 12.0 volts. The front-panel digital meter monitors the Gunn voltage and the current drawn by the Gunn-diode.**

**The square waves of generators is variable from 0 to 10 Volts in amplitude and from 850 to 11 50 Hz in frequency.**

**The power supply has been so designed to protect Gunn diode from reverse voltage application, over transient and low frequency oscillations by the negative resistance of the Gunn-diode.**

## **Specifications:**

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Model No.	X-110
Gunn Bias Voltage	0 to 12 V
Current	0 to 1.0 A (Max.)
Regulation	0.2% for $\pm$ 10% mains variation
Ripple	2 mv (rms)
Modulation Frequency	850 to 11 50 Hz, Square wave
Mod. Amplitude	0 to 10.0 V (peak to peak)
Output Connectors	BNC (F) for Gunn Bias UHF (F) for Pin-mod.
Mains Supply	230 V, 50 Hz, 25 watts approx,
Standard Accessories	(i) Mains Cable ( 01 No.) (ii) Coax. Cable BNC to BNC (01 No.) (iii) Coax. Cable BNC to UHF (01 No.) (iv) Spare Fuses (02 Nos.) (v) Instruction Manual (01 No.)

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13-15 RPS flats, E-block, Vikaspuri, N Delhi-110018, India  
Phone-91 11 28533349, Mobile-91 98101 38894, Fax -91 11 2853 1435,  
E-mail : pradeep@rfconnectorhouse.com, Website : <http://www.rfconnector.info/>