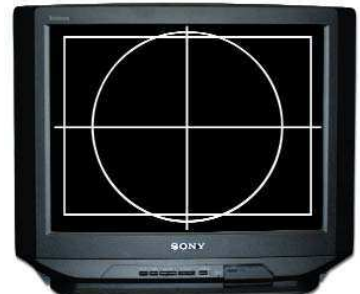


Deluxe NTSC/PAL Signal Generator



1251B



Model 1251B TV Signal Generator

The 1251B TV signal generator is a multi-standard unit with advanced features. It has been designed using the most modern technology resulting in great reliability. This model will output a modulated signal for both NTSC (North America) and PAL (Europe) video standards. The video is equipped with 32 different display patterns and a circle insert for geometric adjustments. It is most suitable for high quality video alignment and calibration; and for instructional purposes.

A synthesized frequency modulator is provided that can be tuned from 37 to 865 MHz in 50 kHz steps. Tuning is by channel or frequency with output attenuation up to 50dB in 10dB steps.

A VTR (Video Text Recorder) function is available to check the head position, stepped images, and pause functions of a VCR.

Most functions can be chosen with a single rotary selector switch including; selection and display of RF by channel or frequency; selection of color system and audio standard; selection of output pattern; and storage and retrieval of up to 32 different programs.

The 1251B is a versatile and advanced TV signal generator offering the technician or engineer advanced signal capabilities coupled with great value.

- 32 different display patterns
- Tune by channel or by frequency

Specifications

	model 1251B
TV SYSTEM	
System	NTSC/ PAL
RE Standard	B, G, H, D, K, K1, I, L, M
No. of lines / frame	625 / 525
Field frequency	50 Hz / 60 Hz
Line frequency	15625 Hz / 15734 Hz
Scanning of picture Selectable	Interlaced ratio 2: 1
RADIO-FREQUENCY OUTPUT	
Range covered	37 to 865 MHz (synthesized)
Tuning By frequency	in steps of 50 kHz
By channels	CCIR (FCC Version / 1 / 6 / 8)
Frequency indicator	5 digits
Output amplitude	90 dB \pm 3 dB
Attenuation	50 dB (in steps of 10 dB)
Impedance	75 W
OPERATIONAL	
Mains voltage	AC 110 / 125 / 220 / 230 / 240 V \pm 10% 50 - 60 Hz
Power consumption	20 W
Altitude	Up to 6562 ft. (2000 m)
Temperature range	41° to 104°F (5° to 40°C)
Maximum relative humidity	80% (up to 31°C), decreasing linearly up to 50% at 40°C
Dimensions (W x H x D)	11.34 x 4 x 9.7" (288 x 102 x 247 mm)
Weight	6.6 lbs. (3 kg)

One Year Warranty