

# SIGNAL GENERATOR

Wired & Calibrated

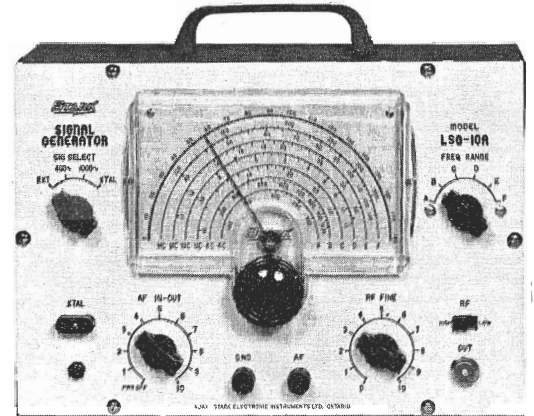
## FEATURES

- Highest quality components throughout
- Frequency coverage from 120 KC to 390 MC
- Crystal Oscillator; 1 MC to 15 MC
- Vernier tuning, enclosed dial
- 3 Outputs; RF, mod. RF, audio at 400 & 1000 CPS

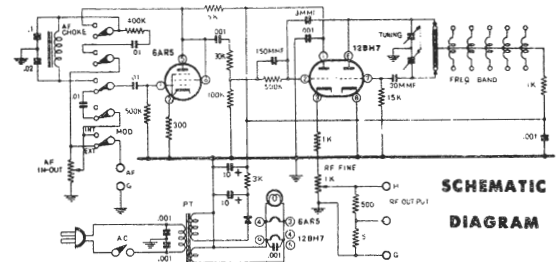
The Starkit Model LSG-10A is a compact, portable signal generator, ideal for the Radio Serviceman, the amateur or the instructor. It is exceptionally light in weight and will take very little of your bench space. Although the LSG-10A is primarily designed for compactness it still offers the accuracy and reliability only available with much larger generators costing two to four times as much.

The LSG-10A is engineered for every need. It has a frequency coverage from 120 KC to 130 MC on fundamentals in 6 bands and 120 MC to 390 MC on calibrated harmonics. The R. F. Oscillator is a Colpitts circuit which is renowned for its stability, providing a stable modulated or unmodulated R. F. output of approximately 100,000 micro volts continuously variable with two taps, high and low. A 6AR5 is used as a 400 and 1000 cycle audio oscillator. The output can be used for internal modulation or an audio source for an external use.

The LSG-10A has the professional appearance of a quality test instrument and can be a practical addition to your test bench. It is encased in a strong steel cabinet and equipped with clearly marked front panel controls. The dial and pointer are completely enclosed in a lucite front. The vernier type tuning offers resetability and accuracy never before available in low price test equipment. In keeping with STARKIT quality only the finest components are used throughout.



MODEL LSG-10A



SCHEMATIC  
DIAGRAM

## Specifications

### FREQUENCY RANGE

120 KC to 390 MC in 6 bands  
 Band A 120 KC to 320 KC  
 Band B 320 KC to 1000 KC  
 Band C 1.0 MC to 3.2 MC  
 Band D 3.2 MC to 11 MC  
 Band E 11 MC to 38 MC  
 Band F 38 MC to 130 MC  
 Calibrated Harmonics 120 MC to 390 MC

### RF OUTPUT

Over 100,000 microvolts

### RF CONTROL

Variable with 2 taps, high low

### MODULATION FREQUENCIES

Approximately 400 c. p. s & 1000 c. p. s

### CONTROLS

Crystal Socket  
 Modulation Ext. or Int.  
 Frequency Tuner  
 Frequency Band (6 bands)  
 A. F. In-out (Volume)  
 R. F. Fine  
 A. F. Terminals  
 R. F. Switch (High & Low)

### CRYSTAL OSCILLATOR

1 MC to 15 MC

### POWER REQUIREMENTS

110-115 volts, 50-60 cps 12 watts

### AF OUTPUT

2 to 3 volts variable

### AF INPUT

Approximately 4 volts adjustable

### TUBE COMPLEMENT

R. F. Osc-Buffer 12BH7  
 A. F. Osc-Amplifier 6AR5

### ACCESSORIES

Instruction Manual  
 Coaxial Output Cable

### SIZE

7-1/2" x 11" x 4-1/2"

### WEIGHT

6 lbs approximately

IMPORTED



**STARK**

# MODEL LSG-10A

