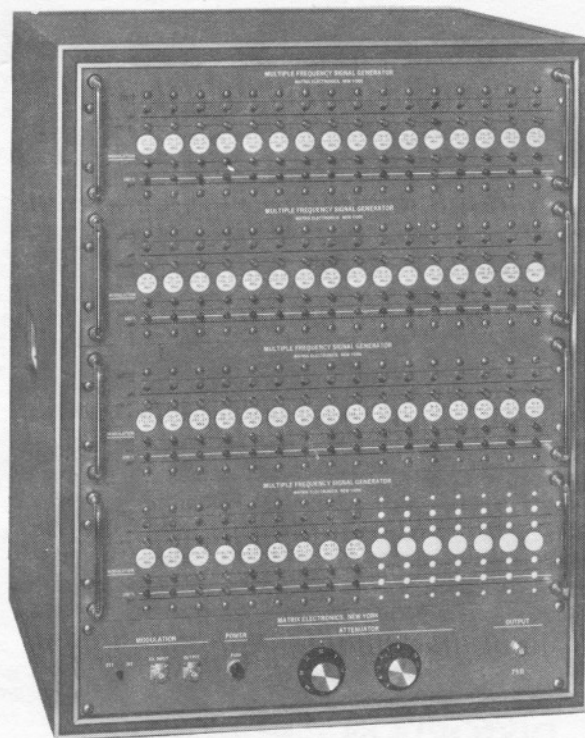


MULTIPLE FREQUENCY SIGNAL GENERATORS

Model SX-16 Model ASX-16 Model PSX-6

The Model SX-16 and ASX-16 provide clean, modulated and unmodulated, crystal-controlled, amplitude-variable outputs, up to +57 dBmV per channel. The Model PSX-6 is a portable, weatherproof, unmodulated version of the Model SX-16.



MODEL SX-16

MODEL SX-16 SPECIFICATIONS:

| | |
|---------------------------------|---|
| Frequencies | Any Frequency from 5 to 500 MHz. Specials to 1000 MHz. |
| Power Output | +57 dBmV per channel when combining 32 channels. +54 dBmV per channel when combining 64 channels. +51 dBmV per channel when combining 128 channels. |
| Spurious Content | All harmonics and residual modulation guaranteed better than 100 dB down. |
| Frequency Stability | 0.003% (carrier and 15.75 KHz internal modulation). |
| Output Impedance | 75 Ohms. |
| External Modulation | Input: +5 Volts provides 100% downward modulation. Input impedance approximately 1 K Ohms. Connector: BNC Female. |
| Manual Controls | |
| Carrier (each channel) | On, off, and adjustable to -15 dB. |
| Modulation (each channel) | CW, 100%, and adjustable 0 to 80%. |
| Output Level Adjust | Step attenuators simultaneously reduce all channels up to 80 dB in 1 dB steps. |
| Input Power | 110 - 120 Volts, 50 - 60 Hz. Other voltages and frequencies available. (0.1 dB steps available as an option). |

MODEL ASX-16 SPECIFICATIONS:

| | |
|---------------------------------|---|
| Frequencies | Any Frequency from 5 to 500 MHz. Specials to 1000 Mhz. |
| Power Output | + 57 dBmV per channel when combining 32 channels. + 54 dBmV per channel when combining 64 channels. + 51 dBmV per channel when combining 128 channels. |
| Spurious Content | All harmonics and residual modulation guaranteed better than 90 dB down. |
| Frequency Stability | 0.003% (carrier and 15.75 KHz internal modulation). |
| Output Impedance | 50 Ohms. |
| Remote Controls | |
| Carrier (each channel) | On, off, and adjustable to + / - 5 dB. |
| Modulation (each channel) | CW or 100%. |
| Output | Step attenuators simultaneously reduce all channels up to 81 dB in 1 dB steps. |
| Tests | Automatically establishes proper carrier conditions for Cross-modulation, Composite Triple Beat, Discrete Second Order, and Discrete Third Order tests. |
| Input Power | 110 - 120 Volts, 50 - 60 Hz. Other voltages and frequencies available. |