

MULTIPLE FREQUENCY SIGNAL GENERATOR

"NEW" MODEL **ASX-16C/D**

REMOTE-CONTROLLED SIGNAL GENERATOR WITH REMOTE FREQUENCY TRIM AND BASE LEVELLING. OUTSTANDING NOISE AND DISTORTION CHARACTERISTICS. THE REMOTE FREQUENCY TRIM FEATURE HAS BEEN CHANGED TO PROVIDE +/- 25KHz RANGE

OPTIONS INCLUDE: NTSC, PAL I, PAL B/G, CENELEC IN A SINGLE UNIT



The Model ASX-16C/D is a newer design version of the standard Model ASX-16C. The use of enhanced technology allows greater frequency trim (± 25 KHz) while maintaining the excellent noise and distortion performance of the ASX-16C. The Model ASX-16C/D also provides linear monotonic carrier level control over a 15 dB range in 0.025 dB steps. All operations are controlled remotely, using either the IEEE-488 (GPIB) option or the RS-232 option. Optional modem-to-RS-232 interface is also available. An internal frequency counter option is available. This option allows the rapid checking and setting of the carrier frequencies.

The Model ASX-16C/D is software-compatible with the model ASX-16B and the ASX-16C.

SPECIFICATIONS

Frequencies:	Any frequency from 5 to over 1000 MHz.
Power Output: (Guaranteed Minimum Ratings)	+57 dBmV per channel when combining 32 channels. +54 dBmV per channel when combining 64 channels. +50 dBmV per channel when combining 128 channels +46 dBmV per channel when combining 160 channels.
Remote Controls: Carrier Amplitude Carrier Frequency	Each module ON, OFF and adjustable over 15 dB in monotonic 0.025 dB steps. Common attenuator 0 to -80 dB in 0.5dB steps. Each module adjustable ± 25 KHz in 1- Hz steps.
Spurious Content:	Cross-modulation, Composite Triple Beat, Discrete Second Order, and Discrete Third Order, Hum, and other spurious signals guaranteed better than 100 dB down.
Output Noise Level	Thermal
Carrier Phase Noise	-110 dBC/Hz at 10 Khz offset.
Frequency Stability:	Carriers: 0.001%, Modulation: 0.003%.
Output Impedance:	50 Ohms (75 Ohms optional).
Input Power:	110-120 Volts, 50-60 Hz. Other voltages and frequencies are available.