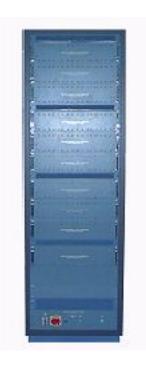
MULTIPLE FREQUENCY SIGNAL GENERATOR

MODEL ASX-16C

REMOTE-CONTROLLED SIGNAL GENERATOR WITH REMOTE FREQUENCY TRIM AND BASE LEVELLING



The **Model ASX-16C** is an improved version of the Model ASX-16B using enhanced technology. While retaining its *Remote Frequency Trim* feature, the Model ASX-16C also provides carriers that can be adjusted over a linear range of 15 dB with 0.025 dB resolution. This model provides clean, modulated and unmodulated, crystal-controlled, amplitude-variable outputs, up to +57 dBmV per channel. All operations are controlled remotely, using the IEEE-488 (GPIB). An internal frequency counter option is available which simplifies the setting and checking of operating frequencies.

The **Model ASX-16C** is software-compatible with the Model ASX-16B.

Different frequency plans such as **NTSC**, **PAL I**, **PAL B/G**, **CENELEC**, etc. may be *combined in a single generator* to allow instant switching between the plans through software control. All of the plan configurations will exhibit the same low distortion specifications of the ASX-16C single frequency plan configurations.

SPECIFICATIONS

Frequencies:	Any frequency from 5 to 1000 MHz. (Standard freq list)
Power Output: (Guaranteed Minimum Ratings)	+57 dBmV max. per channel when combining 32 channels. +54 dBmV max. per channel when combining 64 channels. +50 dBmV max. per channel when combining 128 channels +46 dBmV max. per channel when combining 160 channels.
Remote Controls: Carrier (each channel) Modulation (ea. channel)	On, Off and adjustable over 15 dB in monotonic 0.025 dB increments. CW or 100%.

Spurious Content:	Cross-modulation, Composite Triple Beat, Discrete Second Order, and Discrete Third Order guaranteed better than 100 dB down.
Output Noise LevelOff Channel noise level	Thermal
Carrier Phase Noise	-110 dBC/Hz at 10 Khz offset.
Frequency Stability:	Carriers: 0.0015%, Modulation: 0.003%.
Output Impedance to connector type:	50 Ohm BNC, N or SMA. or 75 Ohm (optional) F, BNC, or N.
Output:	Step attenuators simultaneously reduce all channels up to 82.5 dB in 0.5 dB steps.
Output Frequency Adjust:	Each channel adjustable +/- 10 parts per million, resolution < 1 ppm.
Primary Power:	110-120 Volts, 50-60 Hz. Other voltages and frequencies are available.





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