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### Features:

- 2-in-1 audio generator and frequency counter
- 10Hz to 1MHz frequency output in 5 ranges
- Built-in 6 digit internal and external counter display(Max. 50MHz)
- Low distortion less than 0.5%
- 400Hz and 1kHz fixed signal output
- Variable output level control with 4 range attenuator and amplitude control
- Stable frequency characteristic

Model	Description	List Price	Sale Price
AG-7001C	1MHz Audio Generator, w/6Digit Counter - Discontinued - suggested replacement: <a href="#">hstek GAG-840</a>		

### Specification

#### OUTPUT CHARACTERISTICS

<b>Waveforms</b>	Sine, Square
<b>Frequency Range</b>	10 Hz - 1 MHz in 5 range (1, 10, 100, 1 k, 10 k)
<b>Frequency Accuracy</b>	± <a href="#">Timebase</a> error ± 1 count
<b>Output Level</b>	8 V <a href="#">rms</a> or more for <a href="#">sinewave</a> 20 V p-p or more for <a href="#">squarewave</a>
<b>Output Impedance</b>	600 Ω ± 5% (or 50 Ω ± 5%)
<b>Attenuator</b>	0, 10, 20, 40 dB fixed and continuously variable (-60 dB or more)

#### WAVEFORM CHARACTERISTICS

<b><a href="#">Sinewave</a></b>	Flatness: ± 0.5 dB (1 kHz reference) Distortion: less than 0.5% at 50 Hz - 500 kHz, less than 0.1% at 500 Hz - 100 kHz (X 10 range for 100 Hz)
<b><a href="#">Squarewave</a></b>	Rise and fall time: less than 120 ns Overshoot: less than 2% at 1 kHz, Max. <a href="#">output</a> Duty ratio: 50% ± 5% at 1 kHz, Max. <a href="#">output</a>

#### EXTERNAL SYNCHRONIZATION CHARACTERISTICS

<b>Input Impedance</b>	Approx. 10 kW
<b>Max. Input Level</b>	10 V <a href="#">rms</a>

#### FREQUENCY COUNTER CHARACTERISTICS

<b>Display</b>	6 digit green LED, Overflow, MHz, kHz, Hz, <a href="#">mbz</a>
<b>Frequency Range</b>	0.2 Hz - 50 MHz

<b>Accuracy</b>	$\pm$ <u>timebase</u> error $\pm$ 1 count
<b><u>Timebase</u></b>	11.0592 MHz
<b>Input Sensitivity</b>	50 <u>mVrms</u>
<b>Max. Input Voltage</b>	250Vrms
<b>GENERAL</b>	
<b>Power Requirement</b>	AC 115/230 V $\pm$ 10% 50/60 Hz
<b>Operating Temperature</b>	0 ~ 40°C (accuracy specified at 25 $\pm$ 5°C)
<b>Dimension</b>	255 (W) X 80 (H) X 260 (D) mm
<b>Weight</b>	Approx. 2.0 kg
<b>Standard Accessories</b>	Power cord, BNC cable, Fuse, Operator's Manual