VALORI di R

| QUADR. | $R_1$ | QUADR. | $R_1$ | QUADR. | $R_2$ | QUADR. | $R_2$ |
|---|---|---|---|---|---|---|---|
| 10 | 100K | 60 | 16,7K | 1 | 1 Meg. | 6 | 163K |
| 20 | 50K | 70 | 14,3K | 2 | 510K | 7 | 139K |
| 30 | 33,3K | 80 | 12,5K | 3 | 330K | 8 | 122K |
| 40 | 25K | 90 | 11,1K | 4 | 240K | 9 | 109K |
| 50 | 20K | 100 | 10,0K | 5 | 194K | 10 | 98K |

VALORI di C

| MOLTIPLIC. | $C_1$ | $C_2$ |
|---|---|---|
| X1 | 0,05 | 0,5 |
| X10 | 0,005 | 0,05 |
| X100 | 500 | 0,005 |
| X1000 | 47 | 500 |

# *Heathkit Switch-Selected Audio Generator...*

## *A Precision Sine-Wave Signal Source*

- A near-perfect output signal waveform.
- Ideal for servicing or trouble-shooting high-fidelity equipment-a required instrument for many R & D applications.
- Switch-selected output frequencies- 10Hz to 100Khz.
- Less than 0,1% distortion from 20 to 20.000 Hz.
- Panel meter monitors output with scales in volts and dB.
- Metered output level and switch-selected frequency are accurate to within +/-5% from 10Hz to 100Khz.
- Manual includes detailed operating instructions and an analysis of the IG-72's circuitry.

**LESS THAN 0,1% DISTORTION THROUGHOUT THE AUDIBLE RANGE**… better than 5% accuracy of metered output level and switch-selected frequencies from 10Hz to 100Khz. These are the hard and fast specifications of the IG-72. Here is an excellent instrument for R & D work where a low distortion sinusoidal signal source is required. Switch-selected frequency control saves valuable time. Lets engineers flick to the desired frequency without hairline adjustments. First and second digits and multiplier are switch selected from 10Hz to 100Khz (tuning accuracy is specified from 10Hz… distortion percentage from 20Hz), and the output attenuator is switch selected in 10dB steps with vernier adjustment on each range. An ideal instrument for production quality control.

**HOW CAN A KIT BE A PRECISION INSTRUMENT?**… many of our potential customers ask. Very easily!… if the circuit is designed through exreful "know-how" and meticulous testing… if tunable precision components are chosen from well-known manufacturers… if the layout of components is designed for logical, straight-forward assembly… and if the assembly manual is written with insight and care. Very easily for you, the kit-builder, when you choose Heathkit instruments, since that is the heritage built into every Heathkit electronic instrument… the IG-72, for example!

Kit IG-72, 8 lbs., no money dn., $5 mo…….$44.50

Assembled IGW-72, 9lbs., no money dn., $7 mo……..$64.95

Export model available for 115/230 VAC, 50/60Hz write for prices.

This is the transcription of an old Heath IG-72 brochure;
signal generator AG-9A and IG-72 seems to have the same electric diagram.
www.geocities.com/chopin.i