

CRYSTAL RADIO KIT

The simplest radio of all is the Crystal Radio. The crystal radio needs no battery power at all !
A receiving sensitivity depends on the antenna input. Please challenge receiving sensitivity improvement.

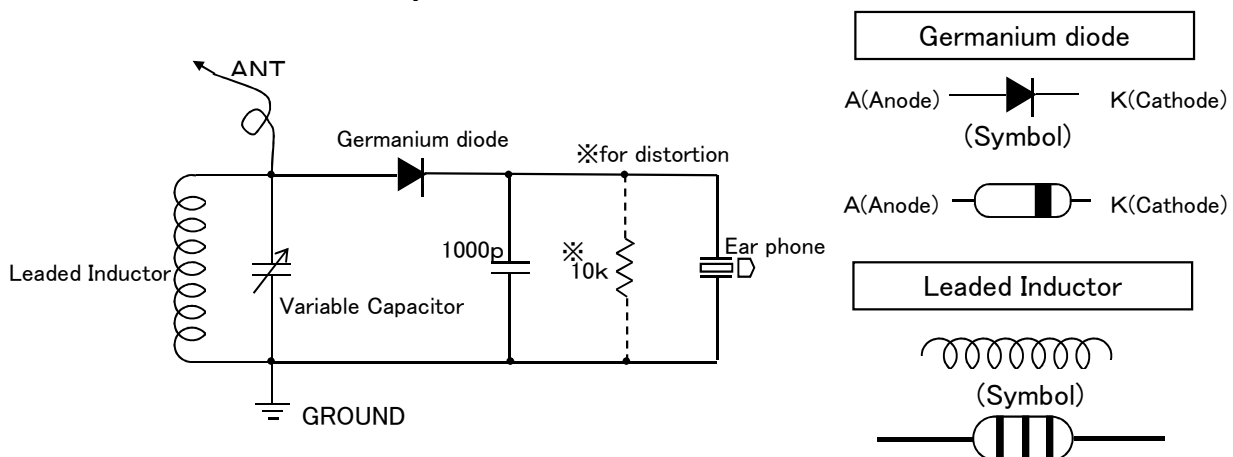
<< List of Parts >> Confirm Parts first !

Part Name	Quantity	Remarks
1N60	1	Germanium Diode
1000pF	1	Ceramic Capacitor (102)
10k Ω (※1)	1	Resistor Color Codes (Brown,Black,Orange,Gold)
330 μ H (※2)	1	Leaded Inductor (Orange,Orange,Brown)
Variable Capacitor	1	Tuning Capacitor with Dial
Ceramic Earphone	1	Equivalent to a Crystal Earphone
Crocodile Clip	1	For antenna connection
PVC insulated wire	1	1 m in length
Lug terminal	1	3P
Round hole Spacer	2	For lug terminal

※1 Measures against voice distortion

※2 Please note that Leaded Inductor (green) used for the antenna coil looks like a resistor.

<< Schematic of a Crystal radio >>



<< Circuit Diagram >>

