Making the simplest Transmitter with a microphone

Caution! You can’t use microphone and line-in together. You have to select one side or the other.

- **coil**: 3 - 4 turns by coated 0.8 mm wire
  - 5 - 7 mm

- **registers**:
  - 470 Ω (yellow-violet-brown)
  - 10K Ω (brown-black-orange) 2 pieces
  - 27K Ω (red-violet-orange)

- **capacitors**
  - 10 PF
  - 0.01 µF (103)
  - 1 µF 2 pieces

- **trimmer capacitor**: 20-50PF
- **condensor microphone unit**
- **4.7-10KΩ**

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Soldered point:
- : direct to the ground
- : insulated from the ground

Solder every part at the shortest distance.

DC 6 - 12V (battery or qualified power supply)
RF output (to antenna if need)

Condensor microphone unit

Transistor 2SC2001

Copper coated plate 4 x 4 cm

Solder every part at the shortest distance.

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