

UK153

7W IC Amplifier

Canakit

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Manufacturer of High Quality Electronic Modules

This circuit is a compact design AF amplifier based on the TDA2003 integrated circuit. Its compact dimensions make it ideal for all kinds of audio amplification applications. The circuit incorporates overload protection as well as temperature compensation circuits.

Manufactured by:

Canakit Corporation

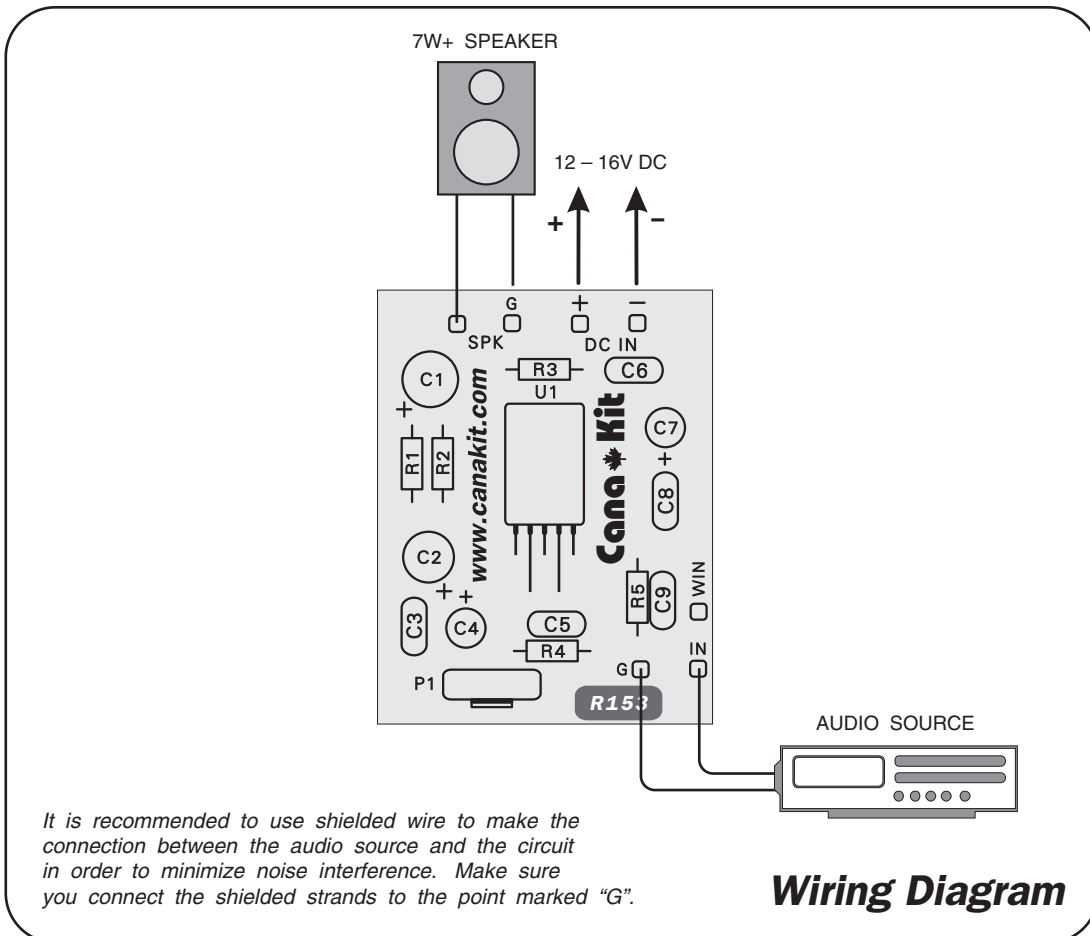
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Operating Instructions

1. The circuit needs to be supplied by a DC voltage source to operate. The DC voltage for this circuit should be within 12 – 16V DC / 0.5A. Connect the supply voltage to the points marked “DC-IN” on the PC board. **Make sure of the correct polarity of the connections.**
2. Connect the output of the audio source to the points marked “IN” and “G” (if you are connecting the amplifier to the outputs of a Walkman, connect it to the points marked “WIN” and “G” instead).
3. Connect a 7W+ speaker to the points marked “SPK”.
4. Turn the volume potentiometer “P1” to its minimum position. Supply the DC voltage and increase the volume potentiometer “P1” to the desired level.



Schematic Diagram

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