

# Specification Sheet

**Name of Device:** R&K Greeting Card Music Player (R&K GCMP)

**Description of Functionality:**

This device outputs two music melodies for two piezo-buzzer speakers after the activation of a button. The same music is played together but at different octaves for over fifteen seconds.

**Operating Instructions:**

Press the button once to play tune. Once pressed, the melody will play for over fifteen seconds before the device will register another button press. At the end of the melody, the

**Operating conditions:**

- Operating Voltage
  - 1.7V - 5.5V
  - Best at 3.0V
- Temperature Range
  - -50°C - +40°C
  - Best at room temperature

**Input and Output parameters:**

The device is supplied at an operating voltage of 3.0V and outputs a melody at a comforting audible level.

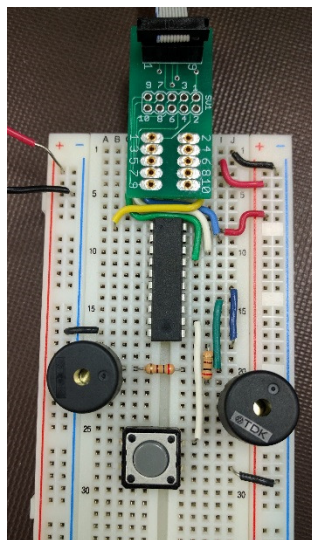


Figure 1: R&K Greeting Card Music player prototype