NECS

Controller Box Base Haptic Actuator Evaluation Kit

For rapid evaluation of haptic actuator technologies

1. Overview

This kit is designed to evaluate the performance of haptic actuators and to allow intuitive testing by easily integrating them into various environments.
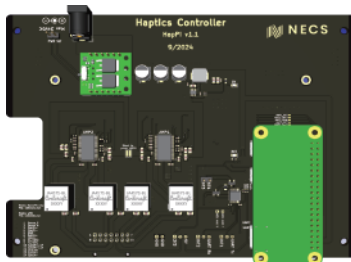
2. What's included

Controller Box

- **GUI:** Button Configuration
- **Inside:** Haptic Driver Board
- **Included Accessory:** Power Adapter

Touch-based GUI : It enables easy adjustment of signal intensity and selection of signal types.

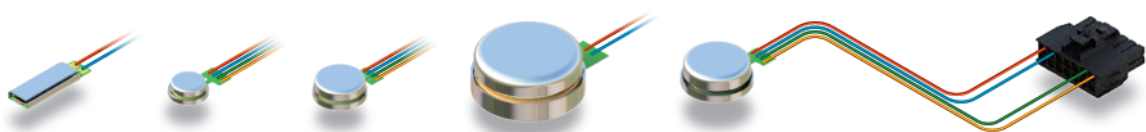### The main board consists of
- Amp
- Haptic Driver
- ADC
- MCU
- Filters

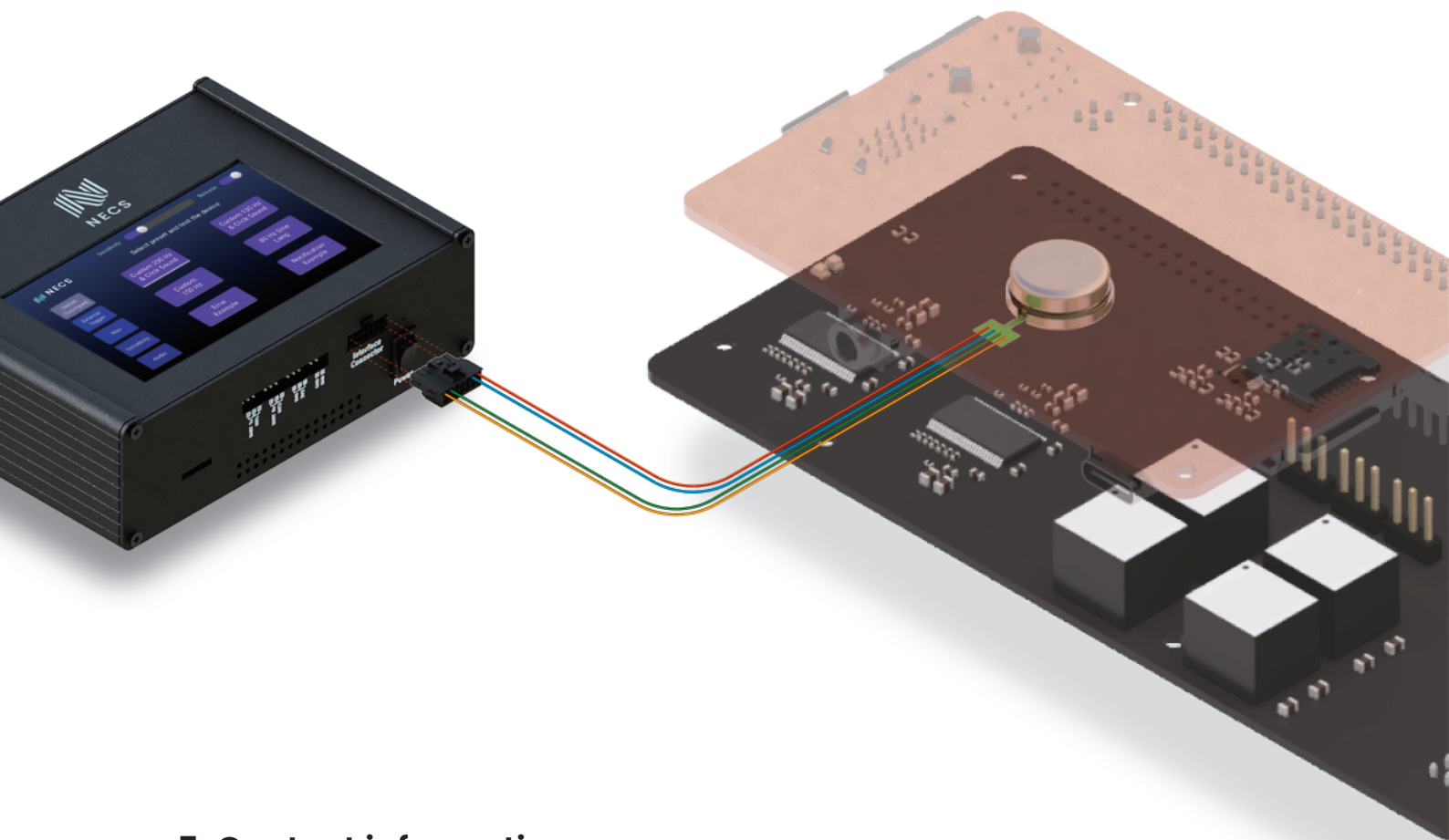### DC 24 V, 5 A Power Adapter

Haptic Actuator
- Haptic actuator (client-selected) + wire + connector

3. Functions

- Button-based signal selection and vibration intensity adjustment available .
- Allows communication with the MCU to add user-designed WAV or MP3 files-A separate manual is provided with the kit.
  The MCU can be accessed via a Wi-Fi network connection.
    - Communication with the MCU is enabled using simple tools such as PuTTY and WinSCP.
- Button configuration can be added or modified through simple code modifications-A separate manual is provided with the kit.
    - In the button configuration code, the button titles and the associated WAV or MP3 files can be modified.

4. Applications

5. Contact information

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