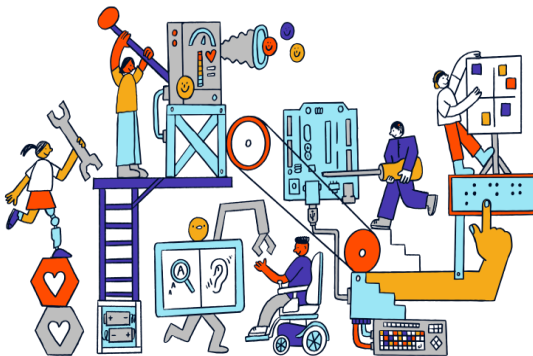


Product Manual Template: [PRODUCT NAME]

Main Device Photo



Revision: 1.0

Date: 01-Dec-2025

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1. Introduction

1.1 About the Community Partner

Our journey began in 1970 with the will of Mrs Shakuntala Bhatia. Under the banner of the Asian Women's Welfare Association, Mrs Bhatia and her peers, like Mrs Tambyah and Mrs Kula, identified gaps in the community to help the underserved.

The Association incorporated AWWA Ltd on 7 January 2015, a Singapore company limited by guarantee. In April of the same year, AWWA Ltd took over the operations and activities previously managed by the Association. In 2022, the Association was dissolved, and AWWA continues to address social service gaps as they arise, by being guided by our mission and strategic vision.



1.2 Product Description

This table clarifies the intended purpose and scope of the product:

WHY?	Special needs students are often excluded with toys or/and ways to express themselves.
WHO?	For Special needs students to understand cause-and-effect.
WHAT?	Button with audio playback and record function. Addon with 3.5mm male mono audio cable to trigger power on/off of other toys.
HOW?	This product transforms off-the-shelf pet buttons into durable and responsive devices that record, playback audio and trigger power on/off other toys. Students use the button to try, feel and understand the cause-and-effect.

1.3 Product Overview and Features

[image]

[Some feature and function]

1. Bullet point 1
2. Bullet point 2
3. Bullet point 3

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1.4 Bill of Materials (BOM)

Item	Supplier/Product Link	Price	Quantity

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2. User Guide: Instructions for Use

Add image

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2.1 Set Up Instructions

Use the following table for a step-by-step guide to setting up the product:

Setting up	

2.2 Maintenance

[Insert text regarding cleaning, storage, or checking for wear and tear.]

1. Bullet point 1
2. Bullet point 2
3. Bullet point 3

2.3 Troubleshooting

Problem	Possible Cause	What You Can Try

3. Maker Guide: Assembly Instructions

image

3.1 Assembly Guide

Steps	Images

4. Credit and Open Hardware Licence

This section provides the required legal notices and attribution for the open hardware design used to create this product.

4.1. Open Hardware Attribution (if we use MMC)

The core design for this Adapted Recorder Button is based on the Playback Switch, an open-source assistive technology project.

- Original Designer: Makers Making Change (a program of Neil Squire).
- Original Copyright: Copyright (c) Neil Squire / Makers Making Change.
- Original Source Location: The original project source files are available online at:

<https://www.makersmakingchange.com/product/playback-switch/01tJR000003S43IYAC>



The screenshot shows the Makers Making Change website. At the top, there is a navigation bar with the logo on the left and links for 'Assistive Devices', 'Make', 'Engage', 'Learn', 'Clubs That Care', and 'More'. A search bar is on the right. The main heading is 'About Makers Making Change' with the tagline 'Empowering people with disabilities since 1984'. Below this is a section titled 'Our Mission' with text about the program's goals and a video player showing three people working on a project. The video player has a 'Watch on YouTube' button.

<https://www.engineeringgood.org/bespoke-projects/>

4.2. License Statement and Source Availability

The hardware design used in this product is licensed under the CERN Open Hardware Licence Version 2 – Weakly Reciprocal (CERN-OHL-W 2.0) or later. By distributing this product, we are obligated to make the complete design source available to you.

- Complete Source Availability: The complete design files (Source), including schematics, assembly instructions, and any modifications made by Engineering Good, are available free of charge at a permanent online location:
- Modification Notice: This version of the Playback Switch design was modified by Engineering Good to include the 3.5mm mono audio jack functionality for triggering other toys. The full, modified source is available at the URL listed above.
- Full License Text: The complete legal text of the CERN Open Hardware Licence Version 2 – Weakly Reciprocal** follows this section.

4.3 CERN Open Hardware Licence Version 2

The full text of the license is available here: [CERN-OHL-W 2.0 Full Text](#)