Time Line Model User Guide

# Description

The time line model is a touch model display which plays audio files corresponding to the item touched. There are 12 items that act as triggers. They can be triggered in any order and each trigger ends the previous file and starts a new audio file. This model utilizes the Bare Conductive Touch Board, available online at: https://www.bareconductive.com/collections/touch-board. Full documentation can be found on their website. There is also a speaker amplifier that leads to two speakers in either corner of the model.

# Audio Files

Audio Track names on the SD Card correspond to the button that is being touched on the board. Audio files must be name in the format: TRACK000.mp3, where "000" is the button number. For example, TRACK002.mp3 will trigger the object located on pin E02. The track names and descriptions are shown below. Files can be updated by replacing files on SD card. The SD card only holds audio files.

Track Names Description Track Names Description

|  |  |
| --- | --- |
| TRACK000.mp3 Crushed Glass  TRACK001.mp3 Plastic Bale  TRACK002.mp3 Crushed Cans  TRACK003.mp3 Cardboard  TRACK004.mp3 Glass Jar  TRACK005.mp3 Plastic Bottle | TRACK007.mp3 Cardboard  TRACK008.mp3 New Glass  TRACK008.mp3 Plastic Factory  TRACK010.mp3 Bauxite  TRACK011.mp3 Tree |

# Code Files

Code files are located at https://github.com/arcanaworkshop

For information on reprogramming the board, see the README document in the TimeLine repository at the link above. This code structure is similar to the Arduino environment and includes settings on proximity detection and object order.

# Troubleshooting

**Model Won’t Turn On**

Check power for model. There is one power cord for the model which powers the speaker and control board. Ensure the power is on and there is a light on the speaker amplifier and control board.

**Audio Files Don’t Play When Touching Object**

Check speaker amplifier volume adjustment. Also ensure the wires from each object is connected to the control board. These are small wires that run on the backside of the model.

**The Wrong Audio Files Plays When Touching Object**

Check the audio file naming scheme on the SD Card. See Audio File section for correct formatting.