



This touchable add-on shield for Arduinos will inspire your next interactive project with 12 capacitive touch sensors. Capacitive touch sensing works by detecting when a person has touched one of the sensor electrodes. Capacitive touch sensing used for touch-reactive tablets and phones, as well as control panels for appliances. This shield allows you to create electronics that can react to human touch, with up to 12 individual sensors.

The shield has 12 'figure 8' holes in it that can be gripped onto with alligator clip cables. Attach one side of the clip to the shield and the other side to something electrically conductive or full of water then start up the handy Arduino library to detect when the object is touched. For advanced users, you can also solder to a pad to make a slimmer & more permanent connection. Works great with any Arduino as it only uses the I2C pins (SCL & SDA).

Using an Arduino Leonardo and a little bit of creativity you can use it to turn touches into keyboard KeyUp/KeyDown presses or pair it with the Music Maker shield to create an audio player that will play a sound per sensor.

Each order comes with a Capacitive Touch Shield and a stick of 36-pin headers. You'll need to do some light through-hole soldering to attach the headers onto the shield circuit board.

Please note! This kit does not come with Arduino or alligator clips.

- PCB Dimensions: 53mm x 68mm x 2mm / 2.1" x 2.7" x 0.08"
- Height with Button: 5mm / 0.2"