

Product Brief: **Knock Box**

Introduction

Want to stay in contact with your friends, family or partner over long distance?

Send a voice message and simply knock on their door...well...box to remind them that you're there for them.

Of course, it also works the other way around, so wait until you hear a knocking sound or see the LED to indicate that you have received a new message.



Description

A way to feel more connected to those you care for by giving them a physical representation of your love. A pair of identical boxes communicating to each other. Both boxes send and receive knocks as well as audio messages.

Key features:

- Force sensor detects knocking on the box
- Servo imitates the knocking in the other box instantaneously
- Microphone used for short audio clips that are sent to second box
- Wifi modules enables communication via internet
- LED to signal a received audio clip
- Button to request to play the clip
- Speaker to output the audio clip received