1. Device to device demo kit content

![Device to device communication with NFC: Kit content, assembly and sensor disc removal](image)

2. Getting started

2.1 Assembling the demo

1. Insert the acrylic part **carefully** into the slots on the back of the demo stand.
   - Do not apply force as you might break it!
2. Connect 5V power via power bank or phone charger.

2.2 The two demo operating modes

1. Sensor Disc mode (bi-directional communication between disc and reader module).
2. Tag reading mode (reads different tags and indicates physical security level on LED ring indicator).
2.2.1 Sensor Disc mode
- Attach the sensor disc gently to the reader module’s rotating part.
- Rotate the disc to see calculated angle from accelerometer, play with the action buttons on reader Module and sensor disc to see bi-directional communication (LED pattern / color change). This even works while rotating the sensor disc. If the mobile Android app is used additionally the temperature information of the LM75A is displayed.

2.2.2 Tag reading mode
- Remove the sensor disc carefully
- Place a sample tag above the tag reading area indicated on the reader module.
  The physical security level of the different ICs is indicated on the LED circle.

2.2.3 Optional Android App

2.3 More information
Please find more information material and the app in this folder: https://nxp.surl.ms/D2D-Demo.
Additionally, you can find the Android app in the Google play store under Device to device communication.