

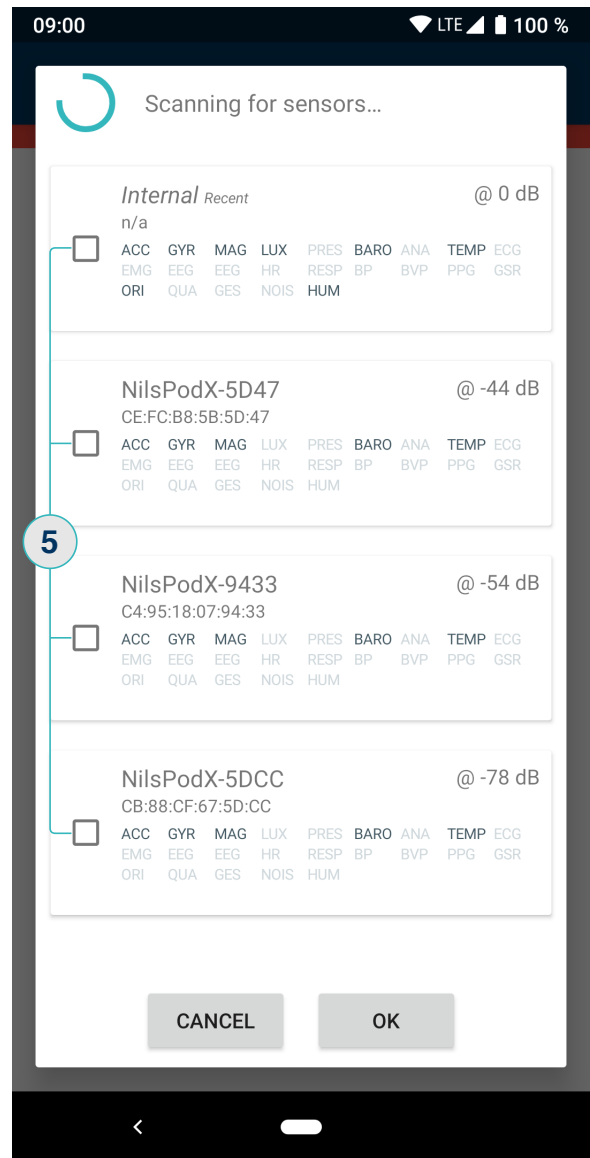
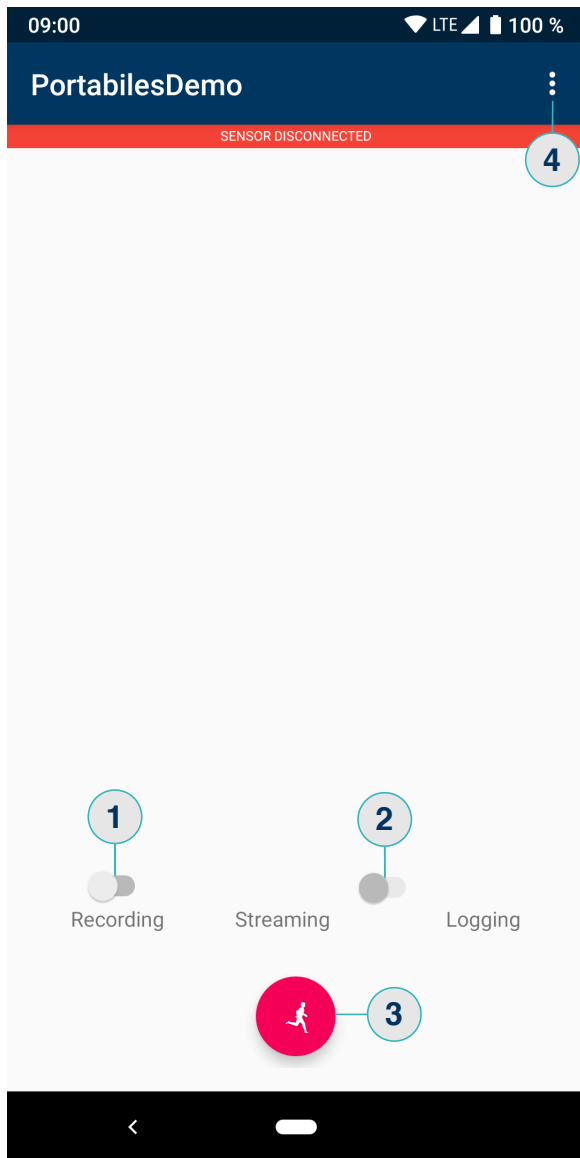


# **PortablesDemoApp – Manual**

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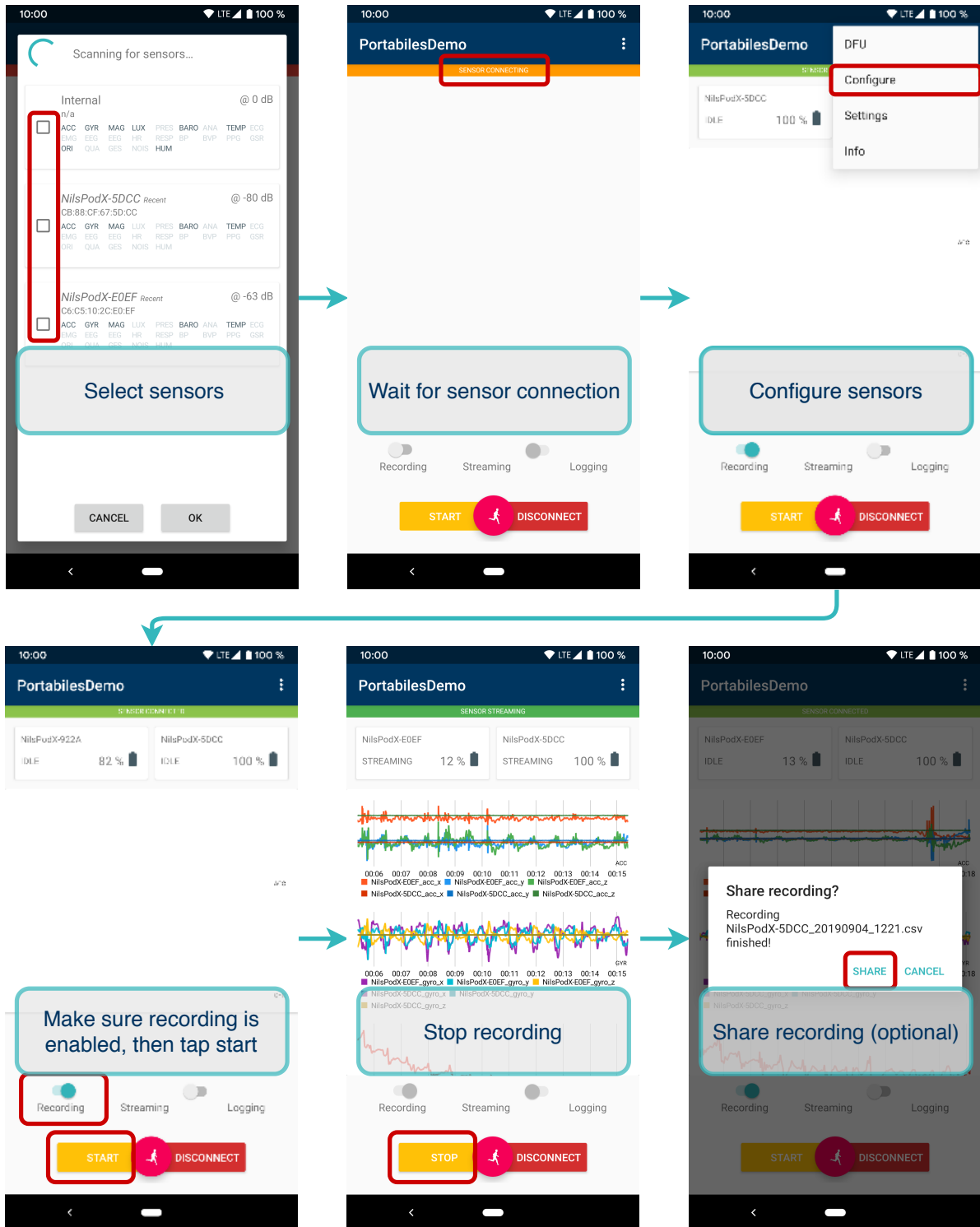
# 1 Overview



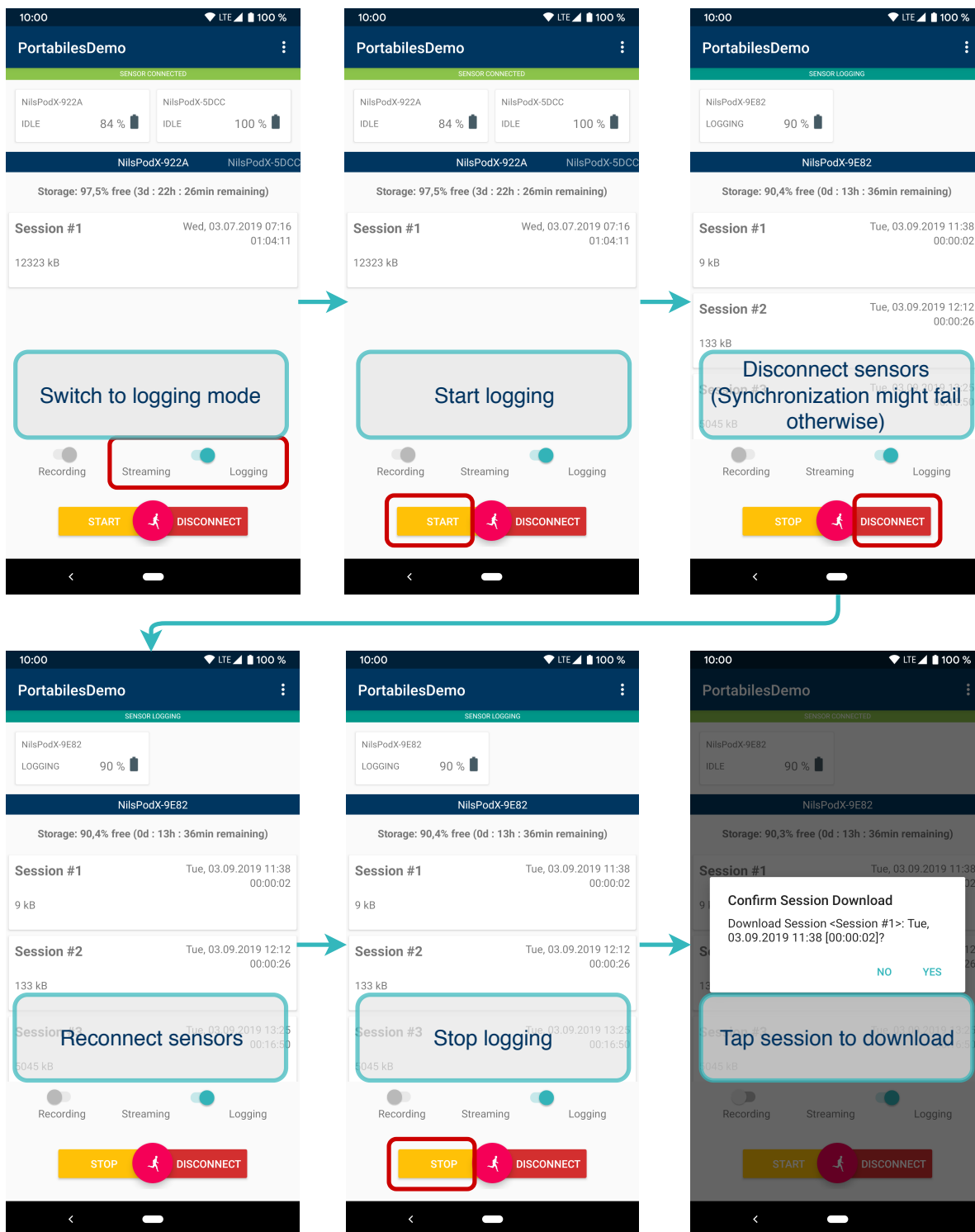
- ① Turn recording on/off
- ② Switch between streaming and logging
- ③ Tap to open connection dialog
- ④ Tap to open options

After tapping ③, select the sensors for connection ⑤

## 2 Streaming

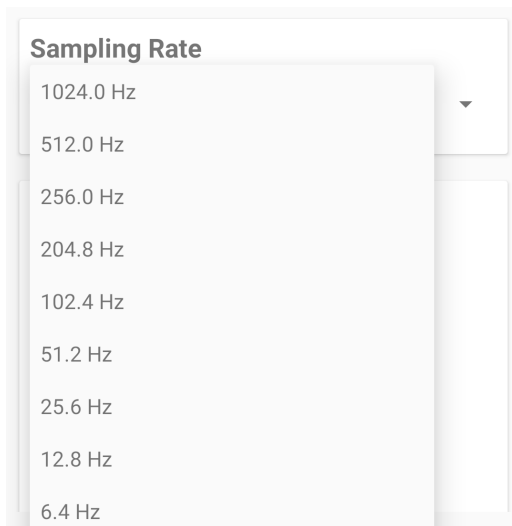


### 3 Logging



## 4 Configurations

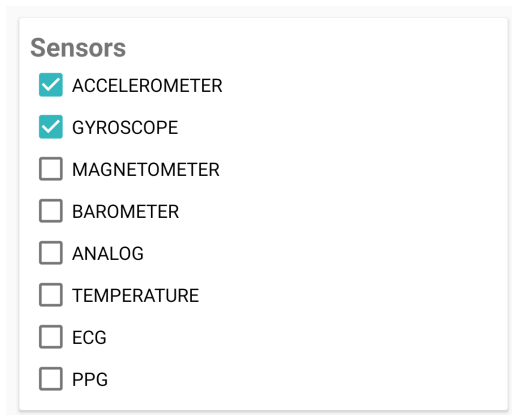
### Sampling Rate



A screenshot of a configuration menu titled "Sampling Rate". The menu is open, showing a list of sampling rate options: 1024.0 Hz, 512.0 Hz, 256.0 Hz, 204.8 Hz, 102.4 Hz, 51.2 Hz, 25.6 Hz, 12.8 Hz, and 6.4 Hz. A dropdown arrow is visible on the right side of the menu.

Choose the sampling rate


### Select Sensors



A screenshot of a configuration menu titled "Sensors". The menu contains a list of sensor types with checkboxes: ACCELEROMETER (checked), GYROSCOPE (checked), MAGNETOMETER (unchecked), BAROMETER (unchecked), ANALOG (unchecked), TEMPERATURE (unchecked), ECG (unchecked), and PPG (unchecked).

Activate/deactivate sensors

### Motion Interrupt



A screenshot of a configuration menu titled "Motion Interrupt". The menu contains two radio button options: MOTION\_INTERRUPT\_DISABLED (selected) and MOTION\_INTERRUPT\_ENABLED (unselected).

Enable/Disable Motion Interrupt

**Motion Interrupt activated:**

Shake sensor to activate Bluetooth advertisement

**Motion Interrupt deactivated:**

Sensor advertises constantly

## Sensor Position

**SensorPosition**

NO\_POSITION\_DEFINED

LEFT\_FOOT

RIGHT\_FOOT

HIP

LEFT\_WRIST

RIGHT\_WRIST

CHEST

### Define Sensor Position

Sensor position is saved to the metadata of the session

## Synchronization

**Sync Role**

SYNC\_ROLE\_DISABLED

SYNC\_ROLE\_SLAVE

SYNC\_ROLE\_MASTER

**Sync Group**

[0]: Channel 27 @ [-34, -83, -66, -17, 25]

### Sync Role:

Choose disabled/slave/master

### Sync Group:

Assign different sensors to different sync groups. Each sync group must include at least one master and one slave.

## Operation Mode

**Operation Mode**

NORMAL\_MODE

HOME\_MONITORING\_MODE

### Normal Mode:

Start streaming/logging manually

### Home Monitoring Mode:

Sensor starts logging automatically, 5s after being removed from the charging dock