# NXT Guide

A guide on the basic use of the NXT brick

## Buttons

Orange – On/Select

Dark Grey – Up one level/back

Light Grey – Left/Right navigation

## Main screen

Top left – connection status (USB/Bluetooth)

Top Middle – NXT Name (changeable)

Top right – Freeze indicator/Battery Level

## Programs – First Level

My Files – Downloaded and NXT Program files

NXT Program – On brick simple programming

View – Sensor readings on brick

Bluetooth – Bluetooth connection settings

Settings – General NXT settings

Try Me – Useless deleted files

## My Files – Second Level

Software Files – All computer generated programs

NXT files – All on brick created programs

Sound files – Noises activated in other programs

IMPORTANT: If these files are deleted, programs using them will not use the noise.

## NXT Program

On-brick basic program maker

## View – Second Level

Sound dB – Measures all sound humans can hear and displays as percent

Sound dBA – Measures all ambient sound and displays as a percent

Reflected light – Color B/W scale displayed as percent

Ambient light – Light intensity from a source

Light Sensor – N/A

Temperature C – N/A

Temperature F – N/A

Rotation – N/A

Motor Rotations – Measures the amount of rotations on a motor

Motor Degrees – Measures the amount of degrees a motor has rotated

Touch – Displays touch sensor as a 1/0 value

Ultrasonic inch – Displays distance in inches

Ultrasonic cm – Displays distance in centimeters

## View – Third Level (All apps)

Select the correct port for the sensor

Activate by selecting it

## Bluetooth – Second Level (First Time)

On/off

On

## Bluetooth – Second Level

My contacts – All previously connected Bluetooth devices

Connections – Current connections with Bluetooth devices

Visibility – Set Bluetooth visibility for other devices

On/Off – Turn off Bluetooth

Search – Find nearby Bluetooth devices

## Settings – Second Level

Volume – Set volume for all programs

Sleep – Set time before sleep mode activates

NXT Version – Device/Firmware information

Delete Files – Delete all files in one category

## Try Me – Second Level

Inactive