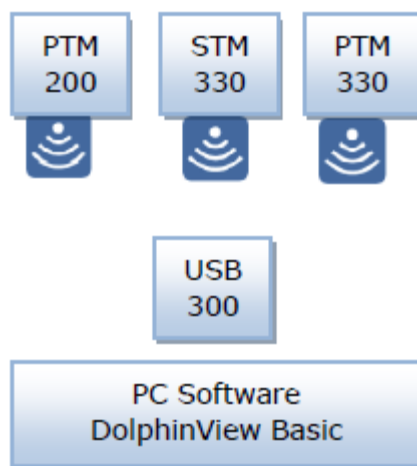# EnOcean Wireless, Energy Harvesting Starter Kit NWO – 300DP

The EnOcean Starter Kit was designed to provide engineers with the tools to explore the performance capacity of self-powered and wireless technologies.

The kit includes electro-mechanical power gener-ators for switches and a solar-powered wireless temperatures sensor. RF signals sent by the self-powered switches and sensors are received by a USB dongle and are visualized via PC software.

The devices operate using the FCC-approved 315 MHz frequency.

- User Manual

- USB 300(C): USB Stick Transceiver

- PTM 200(C): Self-powered push button

- STM 330(C): Self-powered temp. sensor

- License for DolphinView Basic Software[1]

Features

- PC software DolphinView Basic visualizes and interprets EnOcean radio telegrams. It receives messages via USB 300, shows telegram con-tent and interprets EnOcean Equipment Profiles (EEP).
- The push-button radio transmitter module PTM 200 enables implementation of wireless remote controls without batteries. Key applications are wall-mounted flat rocker switches as well as handheld re-mote controls.
- ECO 200 is an energy converter for linear mo-tion. In combination with PTM 330 radio mod-ule it enables miniaturized switches for multiple application areas.
- The solar powered sensor module STM 330 enables wireless temperature sensors and room operating panels. It can be ex-tended with a plug 'n play humidity sensor.
- USB 300 provides a bidirectional EnOcean radio gateway via USB to the PC. Radio messages will be sent and received via PC software DolphinView Basic.[1]

1) Requires Microsoft Windows XP or Windows 7.

For advanced analysis and protocol debugging EnOcean Develop-er Kit EDK 300 is recommended.

Ordering Code
NWO-300DP