

Echoflex Evaluation Kit - EEK200C

Quick Start Instructions for Windows

Software Installation

Download Link: <http://www.enocean.com/download/>

Login: eopremium **Password:** eosoftware

To begin using WinEtel

1. Download WinEtel via the EnOcean website and install all program files and drivers
2. Connect the EnOcean transceiver module (C.) with the USB cable provided to the serial/usb port of your computer



2. To determine your **PORT** number, click on the **Detect** button
4. Once the **PORT** has been detected, click on the **Connect** button to link all connected components
5. After creating a successful connection, try sending some telegrams from the switch (B.) to your computer by simply pressing the switch
6. If successful, you should now see communication data in both the Statistic and Log Window on your computer, if not; make sure all drivers are installed, restart and attempt steps 1-5 again.



Steps to use EEPView to observe switch action

1. Open the EEP View plugin from menu *Plugins - EEP View*
2. Select **Manual** in the *Mode* field
3. Send a telegram from the switch (B.) by simply pressing the switch
4. Enter the **ID (Hex)** from **log window** manually in the *ChipID* field
5. Select **[0x05] RPS telegram** in the *Org* field
6. Select **[0x02] Rocker Switch, 2 Rocker** in the *Function* field
7. Click; **Set profile** button
8. Then you can use the switch to test for Rocker 1st Action and Energy Bow sequences.



Steps to use EEPView with the Temperature Sensor with Window contact



- **Note:** Before starting this step, make sure that sensor has been charging under a light source for at least 20 minutes. This insures that it is powered and ready for this application.
1. Open the EEPView plugin from menu *Plugins - EEP View*
 2. Select **Teach-In** in the *Mode* field then press the **Start Teach-In** button
 4. Send a Learn telegram from sensor (A.) by pushing the button near the solar cell.
- **Note:** To confirm that the sensor is fully functional, check for the led light to flash upon pressing the learn button, if it does not light up continue charging for several minutes under a light source and retry application
5. As soon as the learn telegram is received, the correct profile will be presented
 6. The transmitting device will begin sending data telegrams on a heartbeat timer, use the magnet to simulate door on/off usage by moving the window magnet back and forth. The temperature, setpoint and window contact status will be displayed

Echoflex Evaluation Kit


Self-powered Wireless Controls

The Echoflex Evaluation Kit will allow the user to evaluate EnOcean signals using a PC or laptop and the WinEtel application. The user can review temperature, set point, window contact position as well as PTM signals (press and release). The kit provides the user the ability to explore the radio's range, reliability, and flexibility while demonstrating the capabilities of the PTM, TCM and STM modules. It will work with all current modules and future model versions.


Transmitters

| | | | |
|---|---|----------|---|
| A. Solar-powered Sensor Module (1) |  | STM-110C | This host board features a temperature sensor and Reed switch |
| B. Mechanical-powered Switch Module (1) |  | PTM-200C | Push-button RF module optimized for ON/OFF/DIM controls (example applications: Lighting, Blinds, Master ON/OFF) |



Transceivers & Receiver

| | | | |
|-------------------------------|---|----------|---|
| C. Transceiver RF Modules (1) |  | TCM-200C | Bi-Directional transceiver communicates directly with WinEtel and all associated Lighting and Temperature plug-ins. |
|-------------------------------|---|----------|---|

Software

| | | | |
|----------------|--|-----|--|
| D. WinEtel (1) |  | n/a | This program can be directly downloaded from http://www.enocean.com/download/ |
|----------------|--|-----|--|

Accessories

| | | | |
|-----------------------|---|-----|--|
| E. EnOcean Magnet (1) |  | n/a | Used to send open/closed signals to the sensor module (A.) |
| F. USB Cable (1) |  | n/a | Connects the transceiver to Computer |

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