

# Signal Strength Meter

Cat. No. WSMET



DI-000-WSMET-00A

## INSTRUCTIONS

English

### Simple Range Planning

The Signal Strength Meter is a mobile tool for measuring and indicating the received field strength of EnOcean wireless signals and/or interfering radio activity at 315 MHz. This device is a must have for anyone regularly installing Leviton wireless controls.

- Detect valid radio packets and display received signal strength
- Measure strength of interference
- Verify network plan by testing wireless coverage through a building prior to installation of equipment

Since radio signals are electromagnetic waves, their intensity decreases as they travel away from the source. Obstructions attenuate radio signals. This tool allows installers to determine the suitability of installation locations before equipment is installed.

### Save Time and Money

The Signal Strength Meter saves time and reduces labor expenses by allowing installers to find the best installation locations for receivers and transmitters in an Leviton wireless control system before installing any equipment in a building.

#### • 1 Person Operation/Installation (signal memory function):

The Signal Strength Meter is placed at the desired mounting position for the receiver. The Battery-free Wireless Light Switch is also placed at the desired position. After pressing the light switch the installer can go back to the Signal Strength Meter and see whether the radio signal was sufficient (green) or not received at all (red). The peak is held for 10 seconds.

#### • 2 Person Operation/Installation:

Person 1 operates a self-powered wireless light switch and communicates condition to Person 2. Person 2 monitors the received field strength at the desired mounting position.

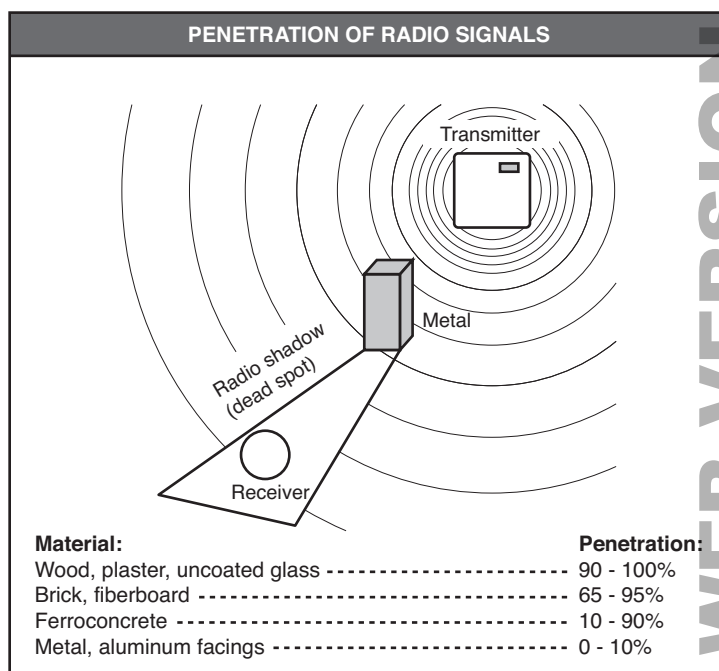
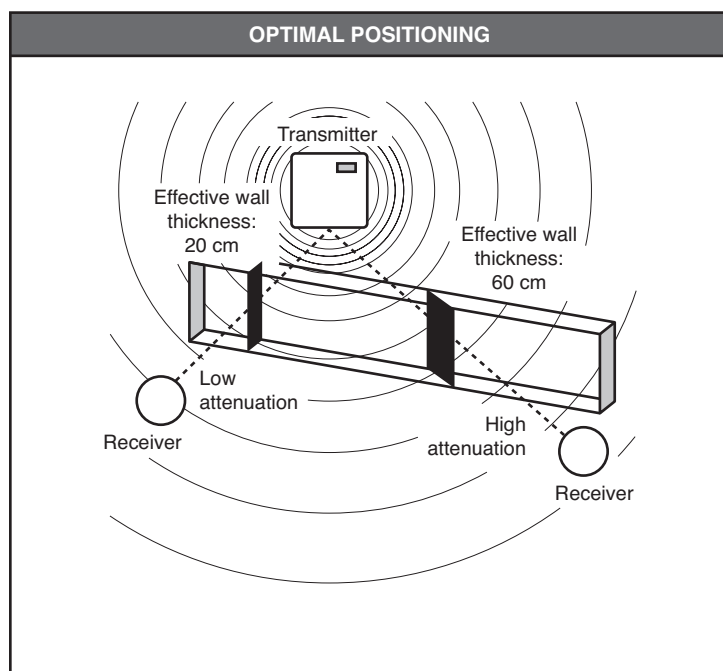
LED INDICATORS	
Indicators	Meaning
	Valid telegram with good or sufficient signal strength received. An installation of transmitter and receiver at the chosen positions is possible.
	Valid telegram received but no reserve in signal strength. It is recommended not to install transmitter and receiver in these positions. The installation of a repeater should be evaluated.
	No telegram or invalid telegram received. An installation at these positions without repeater is not possible.

● - Red ● - Green ● - Yellow

WSMET	
Range	50 - 150 feet (typical)
Frequency	315 MHz
Power Supply Input Rating	9 VDC battery

### Optimal Positioning

Distance, transmission angle, and obstructions all affect radio signal quality. For best performance, transmit signals directly through walls and do not use Leviton controls around metal.



WEB VERSION

**LIMITED 2 YEAR WARRANTY AND EXCLUSIONS**

Leviton warrants to the original consumer purchaser and not for the benefit of anyone else that this product at the time of its sale by Leviton is free of defects in materials and workmanship under normal and proper use for two years from the purchase date. Leviton's only obligation is to correct such defects by repair or replacement, at its option, if within such two year period the product is returned prepaid, with proof of purchase date, and a description of the problem to **Leviton Manufacturing Co., Inc., Att: Quality Assurance Department, 201 North Service Road, Melville, New York 11747**. This warranty excludes and there is disclaimed liability for labor for removal of this product or reinstallation. This warranty is void if this product is installed improperly or in an improper environment, overloaded, misused, opened, abused, or altered in any manner, or is not used under normal operating conditions or not in accordance with any labels or instructions. **There are no other or implied warranties of any kind, including merchantability and fitness for a particular purpose**, but if any implied warranty is required by the applicable jurisdiction, the duration of any such implied warranty, including merchantability and fitness for a particular purpose, is limited to two years. **Leviton is not liable for incidental, indirect, special, or consequential damages, including without limitation, damage to, or loss of use of, any equipment, lost sales or profits or delay or failure to perform this warranty obligation**. The remedies provided herein are the exclusive remedies under this warranty, whether based on contract, tort or otherwise.

**For Technical Assistance Call: 1-800-824-3005 (U.S.A. Only) [www.leviton.com](http://www.leviton.com)**

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