



Type(s)
Project
Date
Notes

GENERAL INFORMATION

The Wireless Handheld Switch (ETRH) communicates wirelessly with Echoflex lighting controllers to control the internal relay and output dimming level. The kinetic energy generated by pressing the ON or OFF paddle is enough to send a switch message. No batteries required.

Each pair of paddles can be linked to different controllers to manage multiple circuits from a single wall station. The switch can serve as a straightforward control device, or be part of a complex multi-input strategy, supporting configurations from 3-way to 20-way switching. It features a contemporary, stylish design that complements any interior decor. Available in white, choice of radio frequencies, and single-paddle or dual-paddle.

Keyholes integrated behind the back cover of the ETRH offer an option for surface mounting.

APPLICATIONS

- Education: Classrooms, administration
- Hospitality: Banquet halls, suites, administration
- Healthcare: Clinics, administration
- Commercial offices: Conference rooms, private offices, general assembly

ORDERING INFORMATION

Wireless Handheld Switch

MODEL	DESCRIPTION
ETRH1U-W	Single-paddle handheld switch, 902 MHz, white
ETRH2U-W	Dual-paddle handheld switch 902 MHz, white
ETRH1Y-W	Single-paddle handheld switch 868 MHz, white
ETRH2Y-W	Dual-paddle handheld switch 868 MHz, white

FEATURES

- Portable switch control for On/Off and dimming
- Kinetic energy powered, no batteries required
- Single-paddle or dual-paddle models
- Reliable radio reception range of 24 m (80 ft) - commercial office spaces (typical), up to 100 m (330 ft) line of sight
- Keyholes provided for surface-mount option

SPECIFICATIONS

HARDWARE

- Operating mode: On/Off, Dimming
- Power generation: Electrodynamic energy harvester
- Life cycle: 50,000 actuations
- Mounting: Optional, removable mounting hole covers for wall mount

EQUIPMENT PROFILE

- EEP F6-02-02
 - Light Control - ON, OFF, dimming

COMMUNICATIONS

- 902 MHz (U) or 868 MHz (Y) radio frequency
- Wireless range of up to 24 m (80 ft) - commercial office spaces (typical), up to 100 m (330 ft) line-of-sight
- Integrated antenna

ENVIRONMENTAL

- Operating temperature: -25°C to 65°C (-13°F to 149°F) ambient
- Relative humidity: 5%–92% non-condensing

REGULATORY AND COMPLIANCE

- Complies with UL 916
- FCC Part 15.231 - Remote Control Transmitter
- Industry Canada RSS-210

PHYSICAL INFORMATION

Wireless Handheld Switch Weight and Dimensions

MODEL	HEIGHT		WIDTH		DEPTH		WEIGHT	
	mm	in	mm	in	mm	in	g	oz
ETRH1	90	3.5	50	2.0	24	0.9	60	2.1
ETRH2	90	3.5	50	2.0	24	0.9	60	2.1

