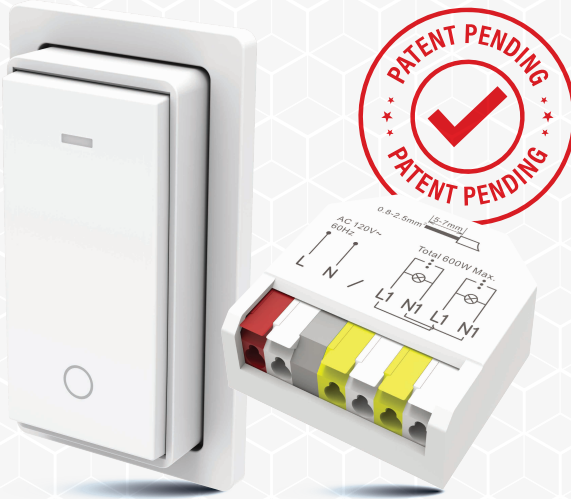


WIRELESS SWITCH WS-600-WH | WS-D100-WH



HIGHLIGHTS

Remote Control Wireless Switch

- Convenient wireless switch can be installed without drilling or screwing into junction box behind wall
- Significantly reduces amount of wire required to complete installation
- Reliable performance with transmission range up to 100m (open air) and 40m (at home)
- Fast and easy installation
- Fits any décor and ideal for homes, apartments, or offices
- Prevents interference with encrypted or coded signals

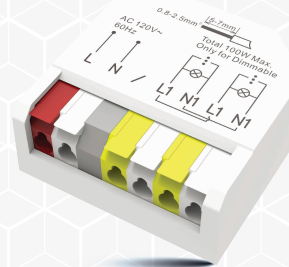
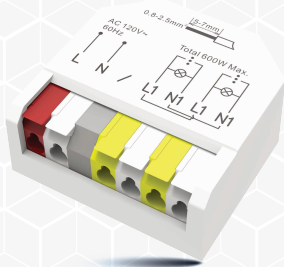


SPECIFICATIONS

MODEL	WIRELESS SWITCH
Working Power	DC 2.1V
Operating Current	≤20mA
Standby Current	N/A
Transmitter Frequency	433.92MHz±0.5MHz
RF Power	<0.5mW
Home Transmitter Distance	<40m
Open Transmitter Distance	<100m
Code Reader	≥10MS
Lifetime	>100,000 times
Max. Connections	Up to 8 Switches per Receiver
Operating Temperature	0°C ~ 55°C
Dimensions (LxWxD)	32.8x66.8x16.5 (mm)

RECEIVERS

ON/OFF CONTROLLER	WS-600-WH	DIMMING CONTROLLER	WS-D100-WH
Working Power	AC 120V/60Hz	Working Power	AC 120V/60Hz
Operating Current	<150mA	Operating Current	<150mA
Standby Current	<5	Standby Current	<5
Transmitter Frequency	433.92MHz±0.5MHz	Transmitter Frequency	433.92MHz±0.5MHz
Receiver Sensitivity	>-90dBm	Receiver Sensitivity	>-90dBm
Indoor (Obstructed) Receiver Range	<40m	Indoor (Obstructed) Receiver Range	<40m
Outdoor (Unobstructed) Receiver Range	<100m	Outdoor (Unobstructed) Receiver Range	<100m
Max. Output Load Power	600W	Max. Output Load Power	100W
Static Power	<0.5W	Static Power	<0.5W
Grade of Protection	IP20	Grade of Protection	IP20
Dimensions (LxWxD)	42x42x17.5 (mm)	Dimensions (LxWxD)	42x42x17.5 (mm)



1 YEAR WARRANTY

NO WIRES, NO FUSS - JUST TAP AND TRUST

ORTECH reserves the right to modify at any time, without notice, any or all of our product's features, designs, components and specifications to meet market changes.



WIRELESS SWITCH

RECEIVERS



ON/OFF CONTROLLER WS-600-WH

DIMMING CONTROLLER WS-D100-WH

Button Function	Enter Pairing Mode
Display Function	Red light indicates pairing mode and connection
Pairing the Wireless Switch and Receiver	Once power is connected, press and hold the pairing button for 4 seconds. A red light will turn on to indicate the receiver is in Pairing Mode, press the any button on Wireless Switch to pair the switch to the receiver. Then press the pairing button again on receiver to exit Pairing Mode
Unpairing the Wireless Switch and Receiver	Press and hold the pairing button and turn on the breaker for 4 seconds. A red light will flash 4 times, then it will clear all prior connections and reset
Wireless Switch	Traditional On/Off Switch. Press and hold 'On' button on dimming version till desired dimming level is reached before releasing (ONLY works on WS-D100-WH)

OPTIONAL ACCESSORIES

Invisible/Trim-Less back plate accessory available for sleek installation - compatible with most traditional decorative wall plates for uniform aesthetic across any residential/commercial projects.



WS-TL-BP
(TRIMLESS PLATE)



WS-SO-WH
(SWITCH & STANDARD PLATE)

SAVE TONS OF DOLLARS ON CONSTRUCTION COST

**TRADITIONAL WIRING:
THE PROFIT KILLER**

EXPENSIVE LABOUR COST

Traditional installs require 1-2 hrs per switch for fishing wires and cutting drywall.

MANDATORY COLLATERAL DAMAGE

Wired projects require \$50-\$250 per location for drywall patching and painting.

TIME-CONSUMING TESTING

Significant labor is wasted troubleshooting and testing physical wiring connections.

**WIRELESS SWITCH:
SMARTER, FASTER & CHEAPER**

30% LOWER INSTALLATION COSTS

16,000 sq. ft.
Total project savings compared to wired systems for typical 16,000 sqft. offices.

INSTANT ROI

Advanced energy-saving strategies like daylighting, accelerate the payback period.

15-30 MINS INSTALLATION

Wireless switches mount anywhere without wall damage, reducing labor cost by nearly 60%.

REFERENCE	QUANTITY	REMARKS	PROJECT DETAILS
			Project:
			Location:
			Architect:
			Engineer:
			Contractor:
			Submitted By:
			Date:

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