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**FW2-SPLG**  
REMOTE CONTROLLED AC PLUG SOCKET  
P/N 7104700 REV. A (DZ)

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**INTRODUCTION**

The FW2-SPLG is a remote controlled AC plug socket for indoor use.


This FW2-SPLG is easy-to-install and can be plugged into any socket of your choice, allowing you to control any electrical appliance rated less than 3200W (heater, lamp, etc) either manually directly on the Plug, locally from panel or control device and/or remotely via mobile application.

**FEATURES**

- FW2 GFSK protocol.
- Frequency Band: 868.35MHz / 916MHz.
- Supervision Transmission.
- Color LED indications
- Range up to 150m on open space.

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**OVERVIEW**



1	Connection to AC Mains (IN)
2	Power Socket OUT (Maximum 3200W)
3	LED Status Indicator (RED during ON status)

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**LEARNING PROCEDURE**


The learning procedure of the FW2-SPLG is very simple and easy.

1. If inserted, remove the FW2-APC from the mains.
2. Initiate the Control Panel in "Radio Output" learning process.
3. Select the output number from Output #6 to Output #16 and start the learning procedure on control panel.
4. Plug the FW2-SPLG to the mains.
5. The RED Led is blinking 3 times and switch off.
6. The learning procedure is done. The module can now be controlled as Output from your panel.

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**INSTALLATION**

The FW2-SPLG Plug is very easy to install and suits to major mains sockets. *(please refer to your installer for specific models)*




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**TRANSMISSION TESTS**

After learning and installing the socket we recommend to perform transmission tests.

Changing the ON/OFF switch state by activating and deactivating the related Output.

- Output ON switch ON the socket module
- Output OFF switch OFF the socket module



LED ON	LED OFF
<ul style="list-style-type: none"> <li>• The RED Led is ON</li> <li>• Socket activated</li> <li>• Appliance powered</li> </ul>	<ul style="list-style-type: none"> <li>• The RED Led is OFF</li> <li>• Socket not activated</li> <li>• Appliance not powered</li> </ul>

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**MANUAL CONTROL**

The FW2-SPLG can be manually controlled directly from the module.

1. Follow the "Learning Procedure" part.
2. Press 2 times the ON/OFF button for 1 sec to initiate the unit – Red Led should be switched on.
3. Press the ON/OFF button for 1 second to switch off the unit.
4. Connect your appliance (lamp for example)

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**REGULATORY APPROVALS**

The FW2-SPLG Complies with the R&TTE 1999/5/CE directive and applicable standards:


EN60669-1:1999+A1:2002+A2:2008

EN60669-2-1:2004

EN301489-1 V1.9.2

EN301489-3 V1.4.1

EN300220-2 V2.4.1



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**TECHNICAL SPECIFICATIONS**

Operation Method	Relay Switch OPEN / CLOSE
Data Protocol	FreeWave2 ISM
Frequency	868-869MHz / 916-917MHz
Identification	Unique ID serial number – 24 bit
Events Transmission	ON/OFF Status, Supervision
Supervision Time	7 min by default (configurable between 1 to 30 minutes)
Range in open space	150m
Power Supply	Powered directly from the mains
Current Consumptions	Standby ~4ma@220VAC Receive mode ~24 mA Transmit mode ~45 mA
Operating Temp	-10°C to +55°C
Dimensions	103mm x 52mm x 73mm
Weight	100 gr.

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12 Kineret Street.  
Airport City, 70100 Israel

Tel. +972 39726000  
Fax. +972 39726001

sales@crow.co.il  
support@crow.co.il

[www.thecrowgroup.com](http://www.thecrowgroup.com)

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