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SH-ACP-EU-8F/9F
REMOTE CONTROLLED AC PLUG SOCKET
P/N 7104708_A

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INTRODUCTION

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

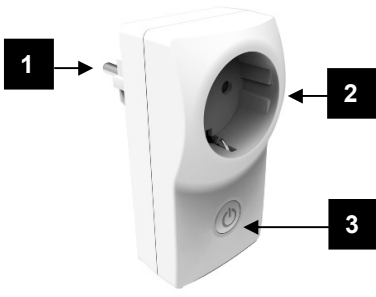
This FW2-ACP is easy-to-install and can be plugged into any socket of your choice, allowing you to control any electrical appliance rated less than 3200W (heater, lamp, etc) either manually directly on the Plug, locally from panel or control device and/or remotely via mobile application.

FEATURES

- FW2 GFSK protocol.
- Frequency Band: 868MHz / 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-ACP Plug is very simple and easy.

1. Enter in installing mode via the "installer Webpage"
2. Go to Outputs and select the output # you want to learn.
3. Add Output – (insert link type "ISM", Device's ID, Device type "AC Plug Output".
4. Set Plug configuration, and save configuration.
5. Place the plug into AC power and wait until the Green/Red LED stops blinking.
6. When registration process is successfully completed, the Green LED will constantly light ON for 3 seconds and turn OFF.
7. If Green LED continues flashing more than 5 minutes and stopped. Please check Plug settings details, remove batteries and repeat step 5,6

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INSTALLATION

The FW2-ACP 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"> • The RED Led is ON • Socket activated • Appliance powered 	<ul style="list-style-type: none"> • The RED Led is OFF • Socket not activated • Appliance not powered

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MANUAL CONTROL

The FW2-ACP 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 SH-ACP conforms to the essential requirements set out by:

:EN 301 489 -1
EN 301 489 -3
EN 50130-4
EN 300 220 -2
EN 62368 -1

- RTTE directive:1999/5/EC
- EMC directive: 2004/108/EC
- Low Voltage directive: 2006/95/EC

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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
Operation	230 V AC, 0.15A, 50-60Hz
Current Consumptions	Standby ~4mA@220VAC Receive mode ~24 mA Transmit mode ~45 mA Trasmit Power < 14 dBm
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 3 9726000
Fax. +972 3 9726001

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

www.thecrowgroup.com