

RF GATEWAYS

CNRFGWA 1-Way RF Gateways

The CNRFGWA is a receiver that allows Crestron 1-way RF wireless touchpanels and handheld remotes to communicate with the control system via the Cresnet network. Each CNRFGWA affords a range of approximately 300 feet. Extended range can be achieved using multiple distributed gateways. Each gateway behaves as a Cresnet slave device requiring just one Cresnet wire to each gateway location.

Two CNRFGWA models are available, the CNRFGWA and the CNRFGWA-418. The CNRFGWA is compatible with Crestron devices that transmit 1-way RF at 434 MHz only. For 418 MHz 1-way devices, use the CNRFGWA-418. For installations employing both 434 MHz and 418 MHz devices, both gateway models must be installed.

Note: CNRFGWA gateways are only compatible with Crestron 1-way RF devices.

AVAILABLE MODELS

CNRFGWA

434 MHz 1-Way RF Gateway

CNRFGWA-418

418 MHz 1-Way RF Gateway (GB use only)

SPECIFICATIONS

Connectors

NET: (1) 4-pin 5mm detachable terminal block
Connects to Cresnet control network

ANTENNA: (1) BNC female
50 ohms (antenna included)

Wireless

RF Receiver: 433.92 (434) or 418 MHz (GB use only) 1-way RF, crystal locked

Range: Up to 300 feet
Compatible with Crestron 434 or 418 MHz 1-way RF wireless devices

Maximum 15 touchpanels or 240 handheld remotes per gateway
Minimum distance allowed between gateways is 50 feet

Controls

ID CODE: (2) Rotary DIP Switches
Used for setting the unit's Cresnet ID



LED Indicators

SIGNAL: (red) Indicates reception of a valid RF signal
I.D. SELECT: (red) Indicates communication established with control system
NET PWR: (green) Indicates 24 Volts DC power supplied from Cresnet control network

Power Requirements

Cresnet Power Usage: 3 Watts (0.125 Amps @ 24 VDC)

Enclosure

Black metal, freestanding

Dimensions

Height: 7.28 in (18.49 cm) without antenna
Height: 15.20 in (38.61 cm) with antenna
Width: 3.25 in (8.25 cm)
Depth: 1.35 in (3.44 cm)

Weight

1.1 lbs (0.5 kg)

Declaration of Conformity

Hereby, Crestron International, declares that the CNRFGWA-418 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

AVAILABLE ACCESSORIES

- ▶ **CNANT**
High-performance extension antenna