

RFGS SIENNA® Gateway for RF remote controls

The **SIENNA®** RF-Gateway can be used to control **SIENNA®** actuators with the remote control included in the package. Please note that any other Easywave remote control manufactured by the company Eldat (www.eldat.de) can also be used together with the RF-Gateway.

Installation:

The **SIENNA®** RF-Gateway is delivered in an unconfigured state. The configuration LED starts to blink when the unit is connected to the 230V powerline.

The **SIENNA®** RF-Gateway can be commissioned

- to configure a new installation (see 1a);
- to be included in an existing installation (see 1b).

1a) Configuring a new installation via the **SIENNA®** RF-Gateway

- **The configuration LED blinks** when the unit is connected to the 230V powerline: The gateway is unconfigured (factory setting).
- Push any button on the remote control 5 times within 5 seconds: This generates a new Domain / Apartment address.
- As an alternative you can also switch an unconfigured sensor 10 times within 5 seconds.
- After an additional 5 seconds all unconfigured elements that are connected to the powerline will be automatically integrated into the new apartment and are fully operational: **LEDs on the configured elements switch off.**

1b) Including the **SIENNA®** RF-Gateways in an existing **SIENNA®** installation

- **The configuration LED blinks** when the unit is connected to the 230V powerline: The gateway is unconfigured (factory setting).
- Choose any previously installed sensor that is configured / functional and change the switch position 10 times within a period of 5 seconds. This sensor then assigns its domain to the gateway: **LED on the configured gateway switches off.**

2. Extending a **SIENNA®** installation with the **SIENNA®** RF-Gateway

- **The configuration LED blinks** when the unconfigured **SIENNA®** elements are connected to the 230V powerline (factory setting).
- Push any configured button on the remote control 5 times within 5 seconds. This will automatically integrate all unconfigured elements into the domain / apartment and make them operational. The **SIENNA®** RF-Gateway assigns its own domain / apartment address to all the unconfigured elements. **LEDs on the newly configured elements switch off.**

3. Address assignment

- To control a **SIENNA®** actuator with the remote control, first set the rotary switches on the Gateway to the actuator address (e.g. **g=B**, **e=5**). The Gateway must be in the configured state (see 1).
- To control a group of actuators (same **g**, different **e**) set the group address and **e=0** (e.g. **g=B**, **e=0**).
- **Please note:** With one Gateway it is possible to address actuators in a maximum of 4 different groups. (e.g. A, C, F, H).
- Push the RESET button on the Gateway.
- The Gateway is now in the “**Learn Mode**” for RF-Commands. The “**Learn Mode**” is indicated by a **double-blink pattern of the LED**. The gateway remains in the “**Learn Mode**” until a RF signal is received by the unit (successful address assignment) or until the RESET button is pushed once again (assignment procedure is cancelled).
- After receiving a RF signal the LED is switched off. The buttons ON/OFF or as the case may be UP/DOWN/STOP are now assigned to the **SIENNA®** address defined by the rotary switch settings on the gateway.
- Please check the address assignment by pushing the configured button on the remote control. This should now switch the actuators with the corresponding **SIENNA®** address.
- Repeat the above-mentioned steps for additional **SIENNA®** actuators.

4. Deleting an address assignment

- To delete **SIENNA®** address assignment to a RF channel, first set the rotary switches on the Gateway to the relevant address (e.g. **g=B**, **e=5**).
- Push the RESET button on the Gateway.
- The assigned address is indicated by the **LED being switched on**. The **SIENNA®** address and the RF-Channel is deleted from the Gateway. Push the RESET button once again to complete the deletion.
- Repeat the above-mentioned steps to delete additional **SIENNA®** addresses.

5. Resetting the Gateway

- Pushing the RESET button results in the LED being switched on. If the RESET button is pushed for longer than 5 seconds then the Gateway is reset to the factory settings. This is indicated by the **single blink pattern on the LED**.
- If the Gateway is reset to the factory settings then all address assignments on the remote control and the domain / apartment address is deleted. (See 1 and 2 above).