

Radio Frequency Stand Alone Controllers

Select Pass Controllers

Introducing The Next Evolution in Gate Access Control



SPRFC1WR



SPRFC1



**RTSPX_ / RTMPX_
RF TRANSMITTER**



**RTSP_ / RTMP_
RF TRANSMITTER**

The **SPRFC1** and the weather resistant version (**SPRFC1WR**) are stand-alone RF controllers designed to be used with all SES Select Pass RF transmitter products. With the intelligence and capacity to identify and validate a combination of up to fifty-thousand (50,000) RF transmitters or PIN codes, the **SPRFC1** activates a dry relay contact directly. The **SPRFC1** relay output is designed to be connected to the vend input connection of a gate operator to activate the gate as desired.

In addition, the **SPRFC1** comes with a rugged built-in (3x4) metal keypad, LCD display and can be powered from a 12/24volt AC/DC power supply. Installation specific configurations can be easily changed directly on the keypad using the menu-driven LCD display. Up to 10 SES Select Pass RF transmitters may be specifically programmed and used as Master Programming keys allowing users to add or delete transmitters without using the keypad. Standard features include:

- Single normally open or normally closed relay contact rated at 0.5 Amp.
- Capacity for over 50,000 RF transmitters and PIN codes.
- Holds up to 10 different facility codes.
- Uses PIN codes as well as transmitters.
- Programmable relay active time from ½ – 9 seconds.
- Stores up to 10 Master Transmitters for quick programming.
- Set to match facility code only, to match card number only or to match code and card number.
- Low power consumption for compatibility and use with solar power systems.

The **SPRFC1** and **SPRFC1WR** controllers are a perfect match for the SES families of transmitters which include:

Select Pass: RTSPX1, RTSPX2, RTSPX4 or RTMPX1, RTMPX2 and RTMPX4 RF transmitters housed in metal frame cases (Combination metal and polypropylene case as shown above) and RTSP, RTMP RF transmitters one button and two button devices (Polypropylene case as shown above).

FEATURES

SPRFC1 /SPRFC1WR:

- Single Form C dry relay contact for gate operator vend rated 0.5A 24VDC.
- Standard indoor or ruggedized all weather model available.
- Storage capacity for over 50,000 transmitters and PIN codes.
- Stores up to 10 different facility codes.
- Programmable relay active time from ½ to 9 seconds.
- Pre-wired weather-resistant power and relay wire harness — 3-foot length.
- Non-volatile memory — Retains data even if power is lost.
- Ability to store up to 10 Master Transmitters for easy keypad-free programming.
- Selectable operation: Able to validate by facility code only, by card number only or to match both facility code AND card numbers.

Programming Features:

- Keypad and menu-driven 1 x 16 LCD used for system configuration and transmitter validation or verification.
- Four digit programmable password to access programming functions.
- Bulk loading of transmitter numbers by specifying a range.
- Easy insertion or deletion of individual transmitters codes.
- Stores up to 10 MASTER transmitters used to quickly add or delete transmitters without using keypad.

Master Transmitter Function:

- No keypad programming required
- One button Master Transmitter — Enter program mode to Add Devices.
- Two button Transmitter — Button 1: Add devices, Button 2: Delete devices.

SPECIFICATIONS

SPRFC1 Receiver:

56-bit Encrypted / Super-heterodyne.

- **Construction:** SPRFC1 High impact, fracture resistant ABS plastic. SPRFC1WR Aluminum body with stainless steel face plate.
- **Power Input:** 12/24 VAC or VDC.
- **Consumption:** 20 mA idle current
- **Relay Rating:** 0.5 A at 24VDC.
- **Mounting:** Protected area needed for SPRFC1. Use SPRFC1WR for outdoor applications.
- **Operating temperature:** -4°F to +158°F (-20°C to +70°C)
- **Memory Type:** Non-volatile EEprom.
- **Size:** SPRFC1 6" H x 4" W x 1 1/2" D
SPRFC1WR 8" H x 4 3/4" W x 2 1/2" D
- **Weight:** 1lb (SPRFC1) / 3lbs (SPRC1WR)
- **Keypad:** 12 key weatherized chrome type.
- **Display:** LCD 1 x 16 character STN type.
- **Wire Harness:** 22 AWG color-coded Length: 36" (for SPRFC1 only) Weather-sealed at housing.
- **Antenna:** SMA mini whip omni-directional.
- **Antenna Extension** (optional for SPRFC1 only): SMA coax to SMA connector with mounting bracket hardware. 8-foot length. Call factory for custom lengths.

Accessories:

RHRFVFR Code Finder designed to read transmitter numbers as well as proximity card numbers where applicable. Also useful in determining read distance for transmitters.



APPLICATIONS

- Residential gates and garages
- Gated communities or commercial use
- Apartment building access
- Condominium access
- Townhouses
- Retirement homes / Convalescent homes
- Truck depots
- Storage facilities