

SXFIREPLACE

RX SMART ETHANOL FIREPLACE INSTALLATION, OPERATION & MAINTENANCE

For RX / RX-5 automatic remote-control ethanol fireplaces



! IMPORTANT SAFETY WARNING

Failure to follow this manual may result in fire, flash ignition, property damage, serious injury or death. Read completely before installation or operation.

APPROVED FUEL ONLY

NEVER FILL HOT

KEEP CHILDREN AWAY

KEEP EXTINGUISHER

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This manual covers RX / RX-5 smart ethanol fireplaces. These products are made to order; the product nameplate, approved order drawing and packing list take precedence over general reference values in this manual.

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SAFETY

01

WARNING - OPEN FLAME AND FLAMMABLE LIQUID

Use only the specified 95% bioethanol fuel. Never use methanol, gasoline, industrial alcohol or another liquid fuel. Never fill, drain or move the appliance while it is burning, igniting or hot.

- Operation is restricted to adults who have read this manual and understand the safety procedures. Keep children and untrained persons away.
- The appliance must be attended while operating. When the area is unattended, shut down the appliance, the internal main switch and the nearby AC isolator.
- Keep a suitable dry-powder or carbon-dioxide fire extinguisher nearby and ensure operators know how to use it.
- The panel, flame and area above the flame become very hot. Do not touch them or place hands, face or body close to the flame.
- If a red indicator, voice alarm, unusual odor, smoke, liquid leak or unresolved fault occurs, stop operation and contact support.

Fuel and plated surfaces: Ethanol may permanently mark titanium-finished panels. Wipe up every drip or spill and allow vapour to disperse completely before ignition.

PRODUCT AND COMPONENTS

02

RX appliances provide voice prompts, fault self-diagnosis, dual-level monitoring, low-fuel shutdown, automatic filling, tilt protection, child lock and remote control. Some functions depend on the ordered configuration.

Function	Availability
Voice prompts / fault diagnosis	Standard
Dual level monitoring / low-fuel protection	Standard
Remote on/off, approx. 5-10 m	Standard
Automatic filling / draining	Standard; method varies by length
Wi-Fi / external tank / CO2 alarm	Optional
Self-drain function	Normally standard on RX1200 and larger

Packing item	Quantity / description
Fireplace	1, model as ordered
Power cable	1.5 m / 10 A, 1
12 V power supply	1
Remote control	1
Fill / drain hose	1
Installation handles	2
Brushing cloth; 4 mm and 6 mm hex keys	1 each

INSTALLATION AND VENTILATION

03

Before installation

The supporting structure must be level, stable, heat-resistant and non-combustible. Use the approved order drawing for final dimensions, loading, electrical supply and ventilation.

- 01 Build the support from stone, metal, masonry or concrete. Do not use timber or another combustible material.
- 02 General opening reference: $L2 = \text{appliance } L + 30 \text{ mm}$; $W2 = \text{appliance } W + 20 \text{ mm}$; $H2$ at least appliance $H + 20 \text{ mm}$.
- 03 Lower the appliance into the opening and confirm the liquid level is equal at both ends of the burner channel. RX1200 and larger units may have levelling bolts with a 0-50 mm range.
- 04 Connect the supplied 12 V power supply to an earthed 110-240 V AC outlet. Provide residual-current protection and a local wall isolator near the appliance.
- 05 Provide inlet and exhaust ventilation suitable for the site heat load. Fit a back-draft device where outdoor wind could reverse the exhaust flow.

Level installation: An inclined appliance can produce uneven flames, trigger level alarms or allow fuel to overflow. Level the appliance before use and ensure all supports carry the load.

FILLING AND CONTROLS

04

- 01

Confirm the appliance is off and not burning. Inspect the burner channel and panel for residual fuel, contamination or damage.
- 02

Open the service door. Remove the silicone cap from fill port B, connect the supplied hose and place the other end in the 95% bioethanol container. Keep the container below panel height.
- 03

Switch on main power C and press fill button E. The pump transfers fuel to the internal tank. If it stops early, press E again until the full-level voice prompt is heard.
- 04

Pinch the hose at the metal connection and remove it promptly. Wipe up every drip and refit the silicone cap.
- 05

Start with panel button D or remote button A. To pair a replacement remote, hold a remote button, press SET after power-up, wait for the beep, then cycle power.

Marking	Function
D	Power on / off
E	Fuel filling; may show yellow during a temperature alarm
F / SET	Remote pairing, volume adjustment and alarm indication
C	Internal main power switch
A / B	Drain port / fill port

Child lock: Press and hold remote buttons C and D together for about 3 seconds to lock. Repeat to unlock.

OPERATION AND SHUTDOWN

05

- At start-up, the control system checks the appliance and environment. Ignition begins only when the checks are normal.
- Flame height varies with fuel, ventilation and model. Linear units are commonly about 100-300 mm; custom circular or square models may be higher. Do not force an adjustment not provided by the product.
- If the first ignition fails in a cold room, switch off, wait until the igniter is no longer energised, then restart. Do not force repeated ignition.
- Never move, cover, fill or drain the appliance while it is burning. Do not place cloth, timber or another object over the burner opening.
- After shutdown, residual fuel may burn for approximately 1-3 minutes. Wait until the flame is fully extinguished before switching off the main power.

Automatic restart

If temperature protection pauses operation, the appliance may restart automatically after the temperature returns to the permitted range. Keep people, children and combustibles clear during the protection state.

MAINTENANCE AND TROUBLESHOOTING

06

01

Before every use, inspect the burner channel, level probes, spray tube and igniter. They must be secure, clean and unobstructed.

02

Disconnect power and allow full cooling. Remove dust with a soft brush and clean brushed stainless steel gently in the grain direction.

03

For long-term storage, drain the internal tank, isolate all power and protect the unit from dust. Drain all fuel before transport.

04

For an alarm, record the LED flash pattern and voice message. Stop use if the fault cannot be cleared; do not dismantle the control system.

Condition	Action
No power	Check wall isolator, internal switch, outlet, power supply and RCD
No ignition	Check fuel, mesh on the spray tube, igniter and alarm status; contact support
Uneven flame / level alarm	Check the installation level and liquid height at both ends
Red light or continuous buzzer	Do not force a restart; record the message and contact support
Reduced remote range	Replace the battery with the type marked inside the remote

SPECIFICATIONS, WARRANTY AND SUPPORT

07

Item	General reference
AC input	110-220 V AC; refer to the nameplate
External power output	12 V DC / 5-8 A
Standby current	0.20-0.29 A
Operating current	Approx. 0.30 A
Ignition start power	Approx. 66 W
Reference fuel use	Approx. 0.85 L/h per metre
Manufacturing tolerance	Steel +/-0.10 mm; stainless +/-0.15 mm; external size +/-2 mm

The standard whole-unit warranty is one year beginning five days after shipment. Misuse, unauthorised modification, water ingress, corrosive environments, unsuitable fuel, external overvoltage, transport damage and force majeure are excluded. The order, nameplate and sales contract prevail where they state different terms.

SXFIREPLACE

SERVICE AND TECHNICAL SUPPORT

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When contacting support, provide the model, serial number, alarm message and site photos or video.



VISIT WEBSITE

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