

Demanding home theaters demand the SEQ.



SurgeX Sequencers provide the sequencing parameters, conditioning, shutdown thresholds, and surge elimination needed to protect today's sophisticated home theater systems.

Engineered with Advanced Series Mode technology, our Sequencers completely eliminate surge energy up to 6,000 Volts without producing harmful side effects such as ground contamination or common-mode disturbances.

They include two always-on receptacles and four programmable banks. One of them a 'virtual' bank, for controlling remote units, allowing for infinitely expanding distribution schemes.

Rated for 20 Amps, they are easy to install, program, and use.

KEY FEATURES

- Two always-on receptacles and four programmable banks
- One 'virtual' bank for controlling remote units
- Advanced Series Mode surge elimination
- Impedance Tolerant EMI/RFI filtering, SurgeX ICE (Inrush Current Elimination), and COUVS (Catastrophic Over/Under Voltage Shutdown)
- LCD screen

SURGEX  **ELIMINATOR SERIES™**

Every home system deserves **professional-grade protection.™**

Premium Home Theater Protection.



Advanced Series Mode®

Patented surge protection technology that eliminates surge energy and does not produce ground-wire contamination or common-mode disturbances



Program Interface

Adjusts and manages customized power settings including remote control power on/off, and Over/Under shutdown threshold



Remote On

Used to cascade multiple units or provide status to a central controller



COUVS®

Catastrophic Over/Under Voltage Shutdown



ICE®

Inrush Current Elimination Filter



EMI/RFI Filter

Impedance tolerant EMI/RFI filter



Multiple Outlets

SEQ-1U = 8 outlets, SEQ = 14 outlets



SEQ

Programmable Sequencer



Load Rating

20 amps @ 120 volts

Technical Specifications	SEQ-1U	SEQ
Load Rating	20 Amps @ 120 Volts	20 Amps @ 120 Volts
Maximum Load Inrush Energy	1400 Joules total during power-up	1400 Joules total during power-up
Surge Let-Through Voltage (6000-volt surge)	0 Volts	0 Volts
UL 1449 Adjunct Classification Test Results	1000 surges, 6000 Volts, 3000 Amps, B3 pulse; Measured suppressed voltage: 170 Volts; no failures	1000 surges, 6000 Volts, 3000 Amps, B3 pulse; Measured suppressed voltage: 170 Volts; no failures
Federal Guidelines	Grade A, Class 1, Mode 1 (CID A-A-55818)	Grade A, Class 1, Mode 1 (CID A-A-55818)
EMI/RFI Filter, Normal Mode (50-ohm load)	> 30 dB 100 KHz - 50 MHz	> 30 dB 100 KHz - 50 MHz
EMI/RFI Filter, Common Mode (50-ohm load)	> 20 dB 1 MHz - 50 MHz	> 20 dB 1 MHz - 50 MHz
Under-Voltage Auto Shutdown	Adjustable from 90V to 110V	Adjustable from 90V to 110V
Over-Voltage Auto Shutdown	Adjustable from 130V to 150V	Adjustable from 130V to 150V
Maximum Applied Surge Voltage	6000 Volts*	6000 Volts*
Maximum Applied Surge Current	Unlimited, due to current limiting*	Unlimited, due to current limiting*
Maximum Applied Surge Energy	Unlimited, due to current limiting*	Unlimited, due to current limiting*
Endurance (C62.41-1991 Category B3 pulses)	1 kV>500,000; 3 kV>10,000; 6 kV>1000	1 kV>500,000; 3 kV>10,000; 6 kV>1000
Control Inputs	Momentary Switch, Latching Switch, Contact Closure or 5-30 Vdc	Momentary Switch, Latching Switch, Contact Closure or 5-30 Vdc
Input Control Current	3 mA	3 mA
DC Voltage Output	12 Vdc, 40 mA maximum load	12 Vdc, 40 mA maximum load
Auxiliary Relay Contact Rating	30V DC at 1A	30V DC at 1A
Contact Closure Max Resistance	40 mA	40 mA
12V DC Output Max Current	100 Ω	100 Ω
Delay Times	1 – 40 seconds in 1 second increments	1 – 40 seconds in 1 second increments
Dimensions	1.75" H x 19.0" W x 12.25" D (4.4 x 48.3 x 31.0 cm)	3.5" H x 19.0" W x 10.5" D (8.9 x 48.3 x 26.7 cm)
Weight	13 lbs (5.9 kg)	16 lbs (7.3 kg)
Temperature Range	5° to 35° C	5° to 35° C
Humidity Range	5% to 95% R.H., non-condensing.	5% to 95% R.H., non-condensing.
Agency Listings	UL 1449 3rd Edition (Pending), UL 1283 5th Edition (Pending) CSA C22.2 No.8-M1986 (R2008) (Pending)	UL 1449 3rd Edition, UL 1283 5th Edition CSA C22.2 No.8-M1986 (R2008)

*1.2 x 50 μs pulse, industry standard combination wave surge, as per IEEE C62.41

CAUTION: Do not install this device if there is not at least 10 meters (30 feet) or more between the electrical outlet and the electrical service panel.



Quality craftsmanship, made in the U.S.A.

All SurgeX products are proudly made in the U.S.A. and are handcrafted in our Knightdale, North Carolina manufacturing facility. Our products are engineered and assembled individually by hand to ensure the highest quality.