

Out of sight protection fits behind the slimmest Flat Panel or Projector.



The age old question: How do you protect your thin flat panel, without an unsightly installation? The answer is the SurgeX SA-82, the premium residential protection solution specially designed to mount to the back of flat panels and projectors and is rated for in-wall/ceiling use.

Engineered with professional grade Series Mode® Surge Elimination Technology, Impedance Tolerant® EMI/RFI noise filtering, and Over-Voltage- Shutdown, the SA-82 is the only flat panel/projector protection product in the market that eliminates surges and transients that can degrade AV system performance.

With the SA-82 you'll have it all! It is 8-amp load-capable, comes with a detachable IEC power cord, includes universal mounting brackets, and is an easy wall/ceiling installation solution.

KEY FEATURES

- Ultra compact design, < 5 lbs.
- Fail safe protection eliminates ground contamination or common-mode disturbances
- Patented technology provides a complete protection package
- Low profile design is perfect solution for panels and projectors
- Improves video and audio performance
- Quality craftsmanship, made in the U.S.A.



SURGEX ELIMINATOR SERIES™

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

Protection You Can Believe In.



Ultra compact design, under 5 lbs.

The SA-82 is the ultimate, lightweight solution designed to easily integrate with flat panel monitors and digital projector mounting systems. Simply attach the SA-82 to the back of your monitor or projector with the included mounting brackets, and the SA-82 will be hidden from view.



Fail safe protection eliminates ground contamination or common-mode disturbances

The SA-82 completely eliminates all surge energy up to 6,000 Volts without producing disturbances and ground contamination that can degrade the performance of your AV system. With SurgeX A-1-1 Certified Series Mode® technology, your equipment will run better, sound better, and your picture quality will improve in the blink of an eye.



Patented technology provides a complete protection package

Only SurgeX will protect your equipment in more ways than one. The SA-82 features an Impedance Tolerant® EMI/RFI Filter and Over-Voltage-Shutdown which automatically restores power when line voltage returns to a safe level. Furthermore, the SA-82 is backed with an industry leading Sixteen Year Product Warranty.



Multiple outlets enable you to protect a variety of equipment

The SA-82 Features two professional-grade grounded outlets and a detachable IEC power cord to allow you to safeguard additional gear with SurgeX Surge Elimination and patented power protection technology.



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.

TECHNICAL SPECIFICATIONS

Load Rating: 8 amps @ 120 volts

Power Requirement (no load): 10 watts

UL 1449-2 Adjunct Classification Test Results:

1000 surges, 6000 volts, 3000 amps,
C1 pulse, measured suppressed voltage 290 volts, no failures

Federal Guidelines:

Grade A, Class 1, Mode 1 (CID A-A-55818)

EMI/RFI Filter, Normal Mode (50-ohm load):

40 dB @ 100 kHz; 50 dB @ 300 kHz;
50 dB @ 3 MHz; 50 dB @ 30 MHz

EMI/RFI Filter, Common Mode (50-ohm load):

18 dB @ 300 kHz; 30 dB @ 1 MHz;
50 dB @ 5 MHz; 50 dB @ 20 MHz

Maximum Applied Surge Pulse Joule Rating:

Unlimited, due to current limiting (8 x 20 μ s)

Maximum Applied Surge Pulse Voltage:

6000 volts (1.2 x 50 μ s pulse), industry standard rating

Maximum Applied Surge Pulse Current:

Unlimited, due to current limiting (8 x 20 μ s)*

Endurance: IEEE C62.41-1991 Category B3 (C1)

Pulses: 1 kv>500,000; 3 kv>10,000; 6 kv>1000

Overvoltage Shutdown: 145 volts (resume at 135 volts)

Dimensions: 1.75" H x 5.31" W x 9.06" D

Weight: 3.4 lbs

Temperature Range: 5° to 35° C

Humidity Range: 5% to 95% R.H., non-condensing

Agency Listings: ETL and cETL (UL 1449, 2nd edition; CSA C22.2 No.8-M1986, R2000)

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

** Specifications subject to change without notice.

This product, including its components and/or processes carried out thereby, are covered by one or more of the following: U.S. Pat. No. 4,870,534, 4,870,528, 6,728,089, 6,744,613, 7,068,487, Can. Pat. No. 1,333,191, 1,332,439. Other Patents Pending.

