

<i>For official use only</i> Monitor assigned: _____ Site name: _____ Country: _____

SuperSID Space Weather Monitor Request Form

<i>Your information here</i>	
Name of site/school (if an institution):	
Choose a site name: (3-6 characters) No Spaces	
Primary contact person:	
Email:	
Phone(s):	
Primary Address:	Name School or Business Street Street City State/Province Country Postal Code
Shipping address, if different:	Name School or Business Street Street City State/Province Country Postal Code
Shipping phone number:	
Latitude & longitude of site:	Latitude: _____ Longitude: _____

I understand that neither Stanford nor the Society of Amateur Radio Astronomers is responsible for accidents or injuries related to monitor use. I will assure that a surge protector and other lightning protection devices are installed if necessary.

Signature: _____ Date: _____

I will need:

<i>What</i>	<i>Cost</i>	<i>How many?</i>
SuperSID distribution USB Power	\$48 (assembled)	
USB Sound card 96 kHz sample rate (or provide this yourself)	\$40 (optional)	
Antenna wire (120 meters) (or you can provide this yourself)	\$23 (optional) with connectors attached and tested	
RG 58 Coax Cable (9 meters) (or provide this yourself)	\$14 (optional) with connectors attached and tested	
Shipping	US \$14, Canada & Mexico \$40, all other \$60	
	TOTAL	\$

_____ I have included a \$ _____ check (payable to SARA)

_____ I will make payment thru www.paypal.com to treasurer@radio-astronomy.org

or

_____ If you are a Minority-serving institution, in a Developing or economically deprived nation, and/or you are using the monitor with students for educational purposes, you may qualify for obtaining a monitor at reduced or no cost. Check here if you wish to apply for this designation. Then tell us how you want to use the SuperSID monitor. Include type of site, number of students involved, whether public or private school, grade levels, etc. and describe your program. The goal of the SuperSID project is to provide as many students with systems as possible. If you are able to pay for a system, even if you qualify for a free one, please do so and help support our goal.

For more details on the Space Weather Monitor project, see: <http://sid.stanford.edu>

To set up a SuperSID monitor you will need:

1. Access to **power** and an antenna location that is relatively free of electric interference (could be indoors or out)
2. A **PC**** with the following minimal specifications:
 - A sound card that can record (sample) up to 96 kHz, or a USB port to connect such a sound card (for North and South America)
 - All other countries can use AC97 sound card with 48 kHz record (sample) rate. Most computers made after 1997 will have AC97.
 - Windows 2000 or more recent operating system
 - 1 GHz Processor with 128 mb RAM
 - Ethernet connection & internet browser (desirable, but not required)
 - Standard keyboard, mouse, monitor, etc.
3. An inexpensive **antenna** that you build yourself. You'll need about 120 meters (400 feet) of **insulated** wire. Solid wire is easier to wind than stranded. Magnet wire will work but be more fragile. You can use anything from #18 to #26 size wire. The antenna frame can be made of wood, PVC pipe, or similar materials. We will provide instructions. You can purchase the wire from us or obtain your own.
4. **RG58 coax cable** with a BNC connector at one end to run from the antenna to the SuperSID receiver. 9 meters is recommended, but the length will depend on where you place the antenna. You can purchase the coax from us or obtain your own.
5. Surge protector and other protection against a lightning strike

Return this form to: SuperSID@radio-astronomy.org

or mail to: SARA
Brian O'Rourke
337 Meadow Ridge Rd
Troy, VA 22974