



XTREME RESEARCH
CORPORATION

2014 Catalog

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Lightning/Storm Detectors & Early Warning Systems

- StormPro2 Storm Tracking Device
- SkyScan P5 Handheld Lightning Detector
- SkyScan EWS-PRO Lightning Detection/Early Warning System
- Field-Pro Lightning Detection System

Heat Index Warning Systems

- SkyScan Ti-Plus Heat Index Monitor
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SkyScan Lightning/Storm Detectors & Early Warning Systems

About 100,000 thunderstorms occur in the United States each year. The average thunderstorm is 6-10 miles wide and travels at a rate of 25 miles per hour. Generally, thunder can only be heard from about 3-4 miles. And the average lightning stroke is 6 miles long.

Judging the danger of lightning used to be a matter of guesswork. Now with SkyScan, it's just a matter of pushing a button. SkyScan instruments have the electronic sophistication to detect lightning as far as 40 miles away and accurately ranges its approach to allow plenty of time to clear the field, leave the camp grounds, or sail back to shore.

A Word About IRD's (Instant Ranging Devices)

All lightning detectors manufactured by Xtreme Research Corporation are IRD's. IRD means that every lightning strike is displayed immediately and accurately from the very first strike detected. This unique capability comes from our patented dual antenna system.

All other lightning detectors on the market today, including the Thunderbolt and Strike Alert use a single antenna and are DRD's (delayed ranging devices). These devices require dozens of strikes before they can actually begin determining the range of the strikes. This results in a much less accurate system that leaves you vulnerable to fast moving storms.

The original SkyScan P5 has long been the industry standard for handheld lightning detection. Now after years of research and development, we are proud to offer the new StormPro2 with

Intelicharge, automatically displays storm distances in both miles and kilometers. The new StormPro2 uses advanced new charging circuitry to eliminate the need for the constant purchasing and disposing of environmentally unfriendly batteries.

For those who want an industrial duty machine, the EWS Pro leads the way with larger range alert lights, louder audible alert and is also rechargeable.

The newly restyled Field Pro is a permanently installed system that can cover an entire facility. It features a large visual display as well as a pair of 125 decibel horns that can be heard at nearly a mile. Dual battery backup keeps protecting even when power is lost.

We are proud to offer the most accurate and only IRD lightning detection systems in the world and our commitment to bringing you the latest and safest technology will continue.



StormPro2 Storm Tracking Device with Intelicharge

The New **StormPro2 Storm Tracking Device** storm tracking system utilizes ground-breaking new technology and represents a quantum leap forward in storm tracking capabilities. This next generation design uses advanced new charging circuitry to eliminate the need for the constant purchasing and disposing of environmentally unfriendly batteries.

The new Intelicharge technology allows the use and charging of the StormPro2 anywhere in the world. Plus, storm distances are now automatically displayed in both Miles and Kilometers

making this new system the most versatile portable storm tracking device ever made.

The StormPro2 with Intelicharge is available in multiple housing colors, including Safety Yellow, Carbon Tech and Camouflage. Wall charger is included.

StormPro2 is manufactured under license from Spectrum Electronics, Auburn, GA.



Features:

- Tracks dangerous thunderstorm activity from over 130 miles.
- Large backlit LCD display with multiple storm status updates including: Storm Distance, ETA and Time to Clear, etc.
- Automatically displays in both Miles and Kilometers.
- Visual and Audible storm warning alerts.
- Rechargeable on any current and plug configuration in the world.
- Automatic 5 hours shut-down function.
- Low battery indicator.

Available Accessories:

- Wall mounting pod
- Hard shell carry case
- DC power adapter

Model #SPST

SkyScan P5 Lightning/Storm Detector

The original **SkyScan P5** has long been the industry standard for handheld lightning detection. Thanks to its patented dual antenna technology it is also the most reliable and most accurate system available. Don't be disappointed by imitations using inferior single antenna designs. Insist on the one used by major airlines, U.S. military, and professional sports teams. It is a hand-held instrument with the electronic sophistication to detect lightning as far away as 40 miles and accurately tracks its approach with both an audible tone and four LED's which are ranged in miles. This feature tells the user if the storm is moving towards, away or parallel to their position.

Features:

- Accurate digital microprocessor
- Range select allows user to set audible warning tone at desired range
- Low battery indicator
- Rugged weather resistant case
- Stands upright on flat surface or clips on belt
- AC wall charger

Available Accessory:

- Soft carry case



Model #SKP5

Actual Size:
6.5"H x 3.1"W x 1.5"D



SkyScan EWS-PRO Lightning Detection/Early Warning System

The **SkyScan EWS-PRO Lightning Detection/Early Warning System** is the only professional grade portable lightning detection and early warning device available today. It is a self-contained instrument with the electronic sophistication to detect lightning strikes at over 40 miles away and accurately track a storm's approach with both audible horn and Large LED visual alerts. The LED alerts are ranged in miles giving you vital information when the storm is moving towards, away or parallel to your position. The audible alert can be set by the user to any mileage range to make storm tracking easier. Not only can you make an informed decision on when to evacuate an area but the EWS-PRO can also tell you when it is safe to resume outdoor activities.

Features:

- Accurate Digital Microprocessor with Patented Dual Antenna Receiving System
- Built-in 12 Volt Rechargeable Power Source, Operates for Days on a Single Charge
- 95 DB Alert Horn with User Adjustable Range Settings
- Rugged Weather Resistant Case
- Low Battery Indicator
- Severe Thunderstorm Alert that Warns of Large Storm Cell Approaching
- Anti-False Signal Filtering Feature Warns User of any Possible Interference
- Accurate Identification Software that Eliminates Alerts to Harmless Cloud to Cloud Events



Model #EWSP

Actual Size:
9"H x 10"W x 5"D



SkyScan Field-Pro Lightning Detector

The **Skyscan Field-Pro Lightning Detector** is the industry leader in providing safety from severe weather in large high noise environments. It is widely used by the U.S. government, NASA, professional sports teams and major airlines around the world. This unit offers both audible and visual alerts, warning users of lightning up to 40 miles away. The 8"x10" LED light cluster flashes corresponding colors for certain distances of lightning strikes and can be seen from several hundred feet away. Twin 125 DB horns provide alerts at each strike in ranges from 20-40, 20-8, 3-8, and

3-0 miles and can be heard over half a mile away. Our patented dual antenna technology makes the Field-Pro one of the most accurate systems available and the back-up battery system assures safety and performance even when power is lost. The weather-resistant housing is shatter-proof and is designed for permanent outdoor mounting. Its ground level control box is lockable and can be mounted anywhere.

Features:

- Audible & visual alerts
- 8"x10" LED cluster flashes for lightning strike distance - visible for several hundred feet
- Twin 125 DB horn alerts - range from 20-40, 20-8, 3-8, & 3-0 miles - heard over 1/2 mile away
- Patented dual antenna technology
- Back-up battery system
- Weather-resistant, shatter-proof housing for permanent outdoor mounting
- Lockable ground-level control box
- Mounts anywhere

Model #FPLD



SkyScan Ti-Plus Multi-Function Heat Index Warning System

The **SkyScan Ti-Plus Multi-Function Heat Index Warning System** features an easy to read arrow display showing all ranges of dangerous heat conditions. Audible warning sounds before heat index reaches critical levels. Danger icon is always present during dangerous conditions. Other functions include: accurate display of actual temperature in both Fahrenheit and Celsius, as well as relative humidity and heat index. New type automatic operation makes other models obsolete. No water, twirling or charts are necessary. Critical information is stored in memory for 24 hours and can be re-displayed. The Ti-Plus also functions as a countdown timer, stopwatch and alarm.

Features:

- Displays temperature, relative humidity, & heat index
- Large, easy to read digital display
- Ergonomic design fits in palm of hand
- Stopwatch & timing device to .000 seconds
- Timing alarm & audible alert
- Includes lanyard & soft carry case
- Power single wafer battery



Model #SKHM

Actual Size:
4.0"H x 2.5"W x 0.5"D

SkyScan Mini Heat Index Weather Station

The **SkyScan Mini Heat Index Weather Station** is a multi-function compact weather instrument that displays temperature, humidity, heat index and gives a forecast based on the data collected. Four different levels of heat stroke alert are displayed along with an audible warning. Other features include: clock, countdown timer, alarm, date, and low battery indicator.

Features:

- Displays temperature, humidity, heat index
- Gives forecast based on data collected
- Displays 4 different heat stroke alert levels plus, audible warning
- Clock/countdown timer/alarm/date
- Low battery indicator

Model #SKWM



Cooling Blanket - Fast Pre-Treatment Cooling Wrap

The new **Cool Blanket** is an evaporative cooling blanket, which brings the body core temperature down fast with water retaining hydrophilic fibers. Here's what the experts say: "I used the cooling blanket for one of my heat stress patients and it worked superbly! I can document a core temperature DROP of 4 degrees with 15 minutes and complete recovery. Here is the background. A test subject, superbly conditioned male, 25 years old, heart rate monitor attached, (R) temperature probe, and VO2 Max monitor attached, worked out on a treadmill in 99°F water for 50 minutes. His core temperature climbed to 103.8°F and he got nauseous and weak. We immediately

removed him from the water and attached a read out monitor to him while applying the cooling blanket. His initial core temp went UP after coming out of the water as the pool deck temp is actually 110°F. He was very pale, weak and vomited twice, he could barely stand and his vital signs were 113/58, HR 140, core temp 104.1°F. After placing him at rest and applying the blanket, within 3 minutes he lost 2 degrees and his blood pressure returned to normal he was no longer nauseous and was able to drink fluids. After 15 minutes his core temp was returned to normal (98.8°F), and vital signs 118/76 pulse 72. All of this data is on record." *J.R. Handel, center for Hyperbaric Medicine, George Washington University Hospital, Washington, DC.*



Features:

- Evaporative cooling blanket brings body core temperature down fast with new water retaining hydrophilic fibers!
- Easy activation by soaking in cold water
- Simply remove from water, wring out and wrap around chest cavity
- Use next to skin for best results
- Re-use Cool Blanket over & over

Model #XTCB

Note: Cool Blanket is not a substitute for required medical care of heat stroke or heat related illness.

SkyScan Atomic Clock

The **SkyScan Atomic Clock** automatically sets itself to the correct time and date several times a day to ensure accuracy to within a fraction of a second. It also sets itself to daylight savings time and back to standard time. Clock shows time in oversized two inch display that can be seen from across the room. Also displays indoor ambient temperature, day and date calendar. Perfect for athletic training rooms, locker rooms, classrooms, offices, factories and other locations that require precise timing. Use on desktop or mount on wall.

Features:

- Automatically sets itself to the correct time/date several times a day
- Sets itself to daylight savings time and back to standard time
- Shows time in oversized two inch display
- Displays indoor ambient temperature, day/date calendar
- Use as desktop or wall mount



Model #SKAT

SkyScan AM/FM Weather Band Radio

The **SkyScan AM/FM Weather Band Radio** is a compact weather radio that receives 7 different weather band channels for alerts and AM/FM stations for breaking news. If the power goes out, it operates as a very bright LED flashlight and has its own on board hand-operated generator to recharge itself or other USB based devices. The built in solar panel charges the radio during daylight hours. Other features include digital clock, color backlit display which changes to red during weather alerts and auto channel scan.

Features:

- Receives 7 different weather band channels for alerts and AM/FM stations for breaking news
- LED flashlight, retractable antenna
- Hand-operated generator to recharge itself or other USB based devices
- Built in solar panel charges the radio during daylight hours
- Digital clock
- Color backlit display which changes to red during weather alerts
- Auto channel scan

Model #SKWR

