# SPEEDTRAC XTM

Personal Sports Radar $^{\text{\tiny TM}}$ 

## SPEEDTRAC XTM

### Personal Sports Radar™

### **TABLE OF CONTENTS**

Features & Overview	Page 2
Control Panel Functions &	
Features	Pages 3-5
How the SpeedTrac Works	_
General Safety Guidelines	Page 6
Angle Error	
Sports Applications	
Trouble Shooting	_
Safe Use Recommendations	_
Specifications	Page 12
Care & Maintenance	Pages 12-13
General Safety Information	Pages 13-15
Warranty Information	Pages 15-17
Accessories Order Form	
Warranty Registration Form.	<del>-</del>

#### SPEEDTRAC X OWNER'S MANUAL

#### Model Number 52000

Thank you for purchasing this SpeedTrac X speed sport radar. The SpeedTrac X speed sport radar is one of the most exciting and innovative electronic products on the market today and represents the latest technology innovations. A few of the exceptional features and advantages of the SpeedTrac X speed sport radar are listed below:

- ✓ Features Advanced Digital Processing (ADP)
- ✓ Integrated X-Band DRO Doppler Shift radar speed measurement technology.
- ✓ Can be used for just about any sporting activity.
- ✓ Easily used by one person.
- ✓ One-touch function buttons.
- ✓ Durable, lightweight and compact design.
- ✓ Convenient carry/hanging handle and stand.
- ✓ Easy to read, high intensity LED display.
- ✓ Indoor/outdoor use.
- ✓ Wide speed measuring range (8-150MPH/14-199Km/H), with display in choice of MPH or Km/H.
- ✓ PRO-MODE (low speed cutoff feature).
- ✓ RECALL function to re-display previous speed.
- ✓ AUTO SHUT-OFF (to conserve battery power.)
- ✓ Low battery indicator.
- ✓ Integrated tripod mount.
- ✓ Optional accessories include AC Power Supply (US = #52001, UK = #52004 & CE = #52005), Fabric Carrying Bag (#52002), Tuning Fork (#52003) and Tripod (#52006)
- ✓ AC or DC powered uses 4 "C" cell batteries.

#### **EXTREMELY IMPORTANT INFORMATION!!!**

Read the General Safety Guidelines on page 6, Safe Use Recommendations on page 11 and Warranty Information on pages 15-17 before operating the unit.

### CONTROL PANEL FUNCTIONS & OTHER FEATURES

#### **3-DIGIT LED DISPLAY:**

Speeds are displayed for approximately 2-3 seconds before automatically clearing. Note that while the SpeedTrac X sports radar is displaying a speed, you must wait until the display clears to obtain the next speed reading. The bright LED display allows daytime outdoor visibility; however for the best viewing, try to position your unit in shade or partial shade, when using it outdoors in very bright light.

#### **ON/OFF INDICATOR:**

By pressing ON, an indicator light beside the MPH button will flash. The flashing light indicated that your SpeedTrac X sports radar is ready to detect and display an object's speed in MPH. Press the ON/OFF button again to turn the unit OFF.

#### **AUTO SHUT OFF DISABLE:**

To disable the Auto Shut Off and leave your unit continually ON for longer periods, at the same time, press both of the MPH and Km/H buttons. This mode of operation is indicated by a double flash of either the MPH or Km/H unit's indicator light (Auto Shut Off mode is a single flash.). To change back to Auto Shut Off mode, either turn the unit OFF, or press both the MPH and Km/H again. The next time you turn the unit back ON, the Auto Shut Off function is once again activated. It is recommended that you use the optional Power Supply and not batteries, if using the Auto Shut Off Disable function.

#### PRO-MODE (or "low speed cutoff"):

Targets traveling slower than 35MPH (56 Km/H) are ignored. This is useful for activities where you do not want to accidentally measure slower speed movements when the target is moving quickly, as in measuring golf club head speeds. To activate PRO-MODE operation press both MPH and Recall at the same time, the lower half of the "1" digit (left most digit) flashes along with either the MPH or the Km/H indicator light.

#### **RECALL:**

By pushing the "RECALL" button, the sports radar recalls the most recent speed displayed. You can recall the "last" reading any number of times. However, a particular reading will be "lost" once the next speed is registered.

#### MPH and Km/H:

SpeedTrac X can show speeds in either miles-per-hour (MPH) or kilometers-per-hour (Km/H). To change from the power on default MPH to Km/H, simply press the Km/H button. The unit's indicator lamps show the current unit of measurement. You can also switch back and forth using "RECALL" to auto convert speeds captured in MPH and display them in Km/H (press "Km/H" then "RECALL" to auto convert from MPH) and visa versa.

#### **INDICATOR LIGHTS (Speed Unit Indicator Lights):**

These indicator lights show the current mode of operation of your SpeedTrac X sports radar. Whether the speed is displayed in MPH, Km/H or if the Auto Shut-Off has been disabled.

#### **INTERNAL ANTENNA:**

The unit's internal antenna is located in the top, front center of your SpeedTrac X, between the two sets of switches. Do not block or cover this area when attempting to measure the speed of targets.

#### **CARRYING HANDLE/SUPPORT STAND:**

The SpeedTrac X sports radar's handle is designed for three operation positions: Closed for easy storage, locked at set angle to function as a stand and straight up for carrying and hanging the unit.

#### TRIPOD MOUNT:

Tripod mount is located on the bottom of the SpeedTrac X unit. Optional Tripod is Part Number 52006.

#### **BATTERY COMPARTMENT:**

You can power your SpeedTrac X sports radar with four (4) "C" cell batteries (not included). For longer life, higher quality alkaline batteries are strongly recommended. To install batteries, remove battery compartment cover at the back of the unit. Insert the batteries making sure the plus/minus (+/-) sides match the indicators in the battery compartment. Replace batteries when the unit displays "LO". If you do not plan to use your SpeedTrac X sports radar for extended periods of time, remove batteries to prevent potential damage caused by leakage and/or corrosion. CAUTION: Use of rechargeable batteries can harm your SpeedTrac X and will void your warranty.

#### DC POWER JACK:

You can also power your SpeedTrac X sports radar from an AC power source (household-type, wall source electricity) by connecting an optional, custom SpeedTrac X AC wall adapter (available from EMG Companies, Inc. – see enclosed order form) to the connector jack located on the side of the SpeedTrac X unit. CAUTION: Use of any other AC adapter (including a "SpeedChek" AC adapter) may result in erratic performance or will DAMAGE your SpeedTrac X sports radar and VOID your warranty. Use extreme care.

#### HOW THE SPEEDTRAC X WORKS

The SpeedTrac X sports radar utilizes X-Band DRO Doppler Shift radar technology to clock speeds. The internally located antenna, when activated, sends out a radio frequency (RF) signal at a specific frequency. The signal projects from the unit like a flashlight beam, decreasing in strength with distance. If a moving object, like a thrown ball, enters the device's transmitted signal, the frequency of the reflected signal of the ball is changed or shifted This frequency change is proportional to the ball's speed, and the SpeedTrac X sports

radar's internal circuits instantly process the return signal to display speed in your choice of either MPH or Km/H.

The SpeedTrac X sports radar's projected signal is able to pass, unaffected through certain materials, such as netting, wire mesh fencing, tarps or backdrops, and Plexiglas. This allows you to put a protective barrier between the moving target object and your SpeedTrac X sports radar, without affecting speed measuring performance (a recommended precautionary procedure.)

#### GENERAL SAFETY GUIDLEINES

SELECT A SAFE, OPEN AREA TO USE YOUR SPEEDTRAC X SPORTS RADAR, AND TAKE ALL THE NECESSARY PRECAUTIONS SO THAT PEOPLE AND/OR PROPERTY OR YOUR SPEEDTRAC X SPORTS RADAR UNIT WILL NOT BE HIT.

The SpeedTrac X sports radar must be positioned directly in line with (or facing) the direction of the target level. The device is designed to measure and display the speed of objects\* approaching the unit, and coming within approximately 30 ft. (9m) from the front face of the unit, moving away from the unit, (similar distances to above), passing over (or under if suspended) the unit, and coming within approximately 4 ft. (1.2m) from the top of the unit; or passing beside either side of the unit within approximately 4 ft. (1.2m) from the unit.

\*Distances shown above are approximations and distances may vary slightly depending on size and characteristics of target.

The SpeedTrac X sports radar has a very low power output level; and therefore, unlike professional sports radar guns, it is not designed to clock objects from long ranges. For example, although ideal for practicing and coaching, the SpeedTrac X

sports radar is not intended to be used in an actual game situation.

#### ANGLE ERROR

The SpeedTrac X sports radar displays the speed at which a target object moves in line with the unit's projected signal. A target passing at an angle through the signal will result in a displayed speed that is lower than the target's true speed. As an example of the magnitude of error potential, a 10° entry angle reduces the actual speed by about 2%. Objects traveling at 90° (perpendicular) to the signal may be ignored by the SpeedTrac X (no speed displayed).

#### SPORTS APPLICATIONS

The SpeedTrac X sports radar is intended for interactive sports training, coaching, or friendly competition for people of almost any age or skill level. It can also provide hours of fun in "backyard" or "street level" sporting activities. Your SpeedTrac X sports radar can be a valuable performance enhancing tool for almost any sport where speed is an important factor. The following lists just a few of the many sports in which the SpeedTrac X sports radar can be used to help improve your skills.

#### **BASEBALL, SOFTBALL AND CRICKET:**

The SpeedTrac X sports radar is ideal for practicing and improving throwing speed. Place your unit on the ground or floor about 25 ft. (7.62m) in front of the pitcher/bowler. Placing the unit close to the pitcher/bowler, rather than the target area, will result in higher "out of the hand" speeds. When used at closer distances it is best to activate the Pro Mode to avoid ghosting and the possible reading of arm, leg or body movement speeds. The radar can detect a ball regardless of its direction of travel. Therefore, two people can play "catch" and the SpeedTrac X sports radar will display the speed on both players' throws without having to reposition the

unit. However, the person throwing from the backside will show a slower speed, as ball speed naturally diminishes over the distance it travels.

The average speed of a fastball thrown by a professional pitcher is 87 MPH (145 Km/H), with top recorded speeds in the 100-105 MPH (160-170 Km/h) area. Professional curveballs and changeups are typically in the area of 72 MPH (115 Km/H). The SpeedTrac X sports radar will also clock bat swing speed. Using the PRO-MODE of operation, place the unit facing the batter (ideally at about waist level) and out of reach of the bat swing extension. Swing through and bat speed will be displayed as it crosses the (imaginary) impact area.

#### TENNIS AND OTHER RACQUET SPORTS:

The SpeedTrac X sports radar is ideal for clocking and improving the speed of serves or other type's of shots. For practicing tennis serves, place your unit facing the server the slightly forward of the net in the serving court. The SpeedTrac X sports radar will display the speed as the ball approaches the net.

A typical first serve speed from a leading tennis pro is in the range of 110-130 MPH (175-210 Km/H).

#### **SOCCER AND HOCKEY:**

Place your SpeedTrac X sports radar behind the net facing the shooter. Note that if a goalie is in the net the antenna will be blocked and speeds will not be displayed. Shooting practice for "speed training" is most recommended without goalie participation.

The average slap shot speed fired by a pro hockey player is about 85-90 MPH (135-145 Km/H), with a few top players able to top 100 MPH (160 Km/H).

#### CYCYLING, RUNNING & SKATING:

When you cycle, run, ski or skate towards, and pass beside the SpeedTrac X sports radar within about 4 ft. (1.2 m), your speed will be displayed. Note that you must be moving at speeds of at least 9 MPH (14 Km/H). In these types of activities, if operating alone, you may not see the speed as you pass. Once you return to the unit, simply press the RECALL to re-display your speed.

#### **GOLF:**

The SpeedTrac X sports radar can be used to measure club head speed to develop consistent swing tempo and help increase distance. When measuring club speed, remember that the device is designed to only detect an object if the display is clear. Therefore, to clock downswing club head speed, **switch to the PRO-MODE of operation** to block out measurement of the backswing. Place the unit either behind or in front of you and facing the impact area. Be sure that your unit is out of reach of the club swing path, and also the path of the struck ball if hitting a golf ball.

A golf **PRO's** downswing club head speed will often exceed 100 MPH (160 Km/H). To clock golf ball speeds immediately after impact, position your SpeedTrac X sports radar, with the unit slightly in front and to the side of the impact area, facing in the same direction as the flight path of the ball; or, place the unit safely behind a practice net directly facing the impact area (highly recommended).

#### TROUBLE SHOOTING

The SpeedTrac X sports radar is intended to be an enjoyable, skill enhancing tool, and designed to provide accurate (see specifications) speed readings if used in accordance with these instructions. Your SpeedTrac X sports radar has been factory

tested and built to provide years of reliable and maintenancefree use. In the event that any of the problems listed below occur, refer to this table for possible solutions.

Problems	Possible Causes/Solutions
No speeds	•Is the unit turned ON (indicated by a
displayed	flashing unit's indicator lamp)?
	•If using batteries ("C"), is each one of the
	four batteries inserted correctly?
	•If you are using the custom SpeedTrac X
	AC wall adapter, is it properly connected?
	•Is the unit correctly aimed? The SpeedTrac
	X sports radar will display inaccurate or
	possibly no readings if attempting to clock
	objects moving at an angle to the unit.
	•Is the target object passing directly at, over,
	or directly away from the unit; and is the
	object traveling at least within 6 ft. (2m) from
	the front face of the unit?
	•Are there any external interference sources
	nearby (see below)?
	•Is the internally located antenna (near the
	top, front face of the unit between the
	ON/OFF and Recall buttons) blocked and/or
	covered? For example, if the unit is
	positioned behind a hockey or soccer net, a
	person playing goalie will block the signal.
Erratic or	•The following are possible sources of
"ghost"	interference that, if in proximity your unit,
readings	may affect readings: Electric fans, large
(digits flash	power lines, fluorescent lights, other
on their own)	transmitting devices, 2-way radios, or other
	RF transmitting devices.
	•Rain, snow or heavy moisture in the air may
	cause interference.
	•Inconsistent readings can also result from
	altering the positioning (angle and distance
	from target) of the unit—see earlier section

	on "Angle Error."
Picks up	•Use PRO-MODE of operation (cuts out the
slow,	unwanted slower speeds) by pressing MPH
unwanted	and RECALL both together, at the same
speeds—too	time.
sensitive	
Batteries run	•Use higher quality Alkaline batteries, or use
down too	the custom SpeedTrac X AC power supply.
quickly	CAUTION: Use of a non-specific SpeedTrac
	X
	Power supply will damage your unit and void
	your warranty. Use only part number 52001.
Unit displays	•Your batteries are low on power—replace
"LO"	them immediately.

#### SAFE USE RECOMMENDATIONS

### THE MANUFACTURER STRONGLY RECOMMENDS THE FOLLOWING:

- 1. For safety reasons, **DO NOT** use the SpeedTrac X sports radar for clocking motorized, high-speed vehicles, such as automobiles, off-road vehicles, ATV's, motorcycles, snowmobiles, water craft, or other similar objects, unless done in a closed-course and under a monitored, sanctioned and insured official event..
- 2. Regardless of the activity you have planned to use with SpeedTrac X, be sure that you have selected a safe open area and that people, personal property, or your SpeedTrac X sports radar cannot be inadvertently injured, struck, or damaged.
- 3. Warm up properly before performing physical activities with the SpeedTrac X sports radar. If you have been injured or strained previously in other activities, performing a physical activity with

SpeedTrac X sports radar could aggravate your condition and injure you further. If this is the case, consult your doctor before using the SpeedTrac X sports radar.

#### **SPECIFICATIONS**

SpeedTrac X Sports Radar: X-Band DRO Doppler

Speed Measurement Display: 3 Digits LED

Speed Selection: MPH and Km/H (selectable)
Speed Range: 8 to 150 MPH (14 to 199 Km/H)
Pro Mode Range: 35 to 150 MPH (60 to 199 Km/H)
Distance Range (ball): Approximately 30 ft. (9m)
Accuracy (if used correctly): 1-2 MPH (+2-3Km/H)
Signal Size (approx): 40° Vertical by 30° Horizontal
Operating Temperature: 14°F to 122°F (-10°C to +50°C)
Storage Temperature: -4°F to 140°F (-20°C to +60°C)
Size: 6.5 x 7.0" x 2.3" (16.3cm x 17.5 cm x 5.8cm)

Weight: 1.1 lb (500g) – Without Batteries

Although the SpeedTrac X sports radar is designed for outdoor use and is water resistant, it is NOT weatherproof and/or waterproof.

SPECIFICATIONS ARE SUBJECT TO CHANGE AT ANY TIME WITHOUT NOTIFICATION OR ANY OBLIGATION ON THE PART OF THE MANUFACTURER.

#### **CARE & MAINTENANCE**

The SpeedTrac X sports radar is a high precision piece of electronics. We recommend that you handle your unit with care and:

- Do not drop, hit or otherwise abuse the unit.
- Do not try to take the unit apart. There are no operator serviceable parts inside. In addition to

- risking permanent damage to the unit, this will also void the warranty.
- Do not store the unit in places that are very hot, cold, humid and/or dusty.
- Do not operate the unit or leave it outdoors uncovered when it's raining or snowing.
- To clean your SpeedTrac X sports radar, use a soft slightly damp cloth. Do not immerse it or spray it with water. Do not clean with any type of solvent, alcohol, benzene or paint thinner.

#### **GENERAL SAFETY INFORMATION**

The SpeedTrac X sports radar is a form of a radio transmitter. When it is turned ON, the unit's internal antenna sends out a very low level radio frequency (RF) signal at a specific frequency. In addition to the low energy level and as the user is not required to be in close proximity to the unit, any exposure to RF energy is virtually eliminated when operating the SpeedTrac X sports radar. The device also features an "Auto Power Shut-Off" function that turns the unit off following five minutes of inactivity to reduce unnecessary RF output.

#### **EXPOSURE TO RADIO FREQUENCY ENERGY:**

In 1991, the Institute of Electrical and Electronics Engineers (IEEE), and in 1992, the American National Standards Institute (ANSI), updated the 1982 ANSI Standard for safety levels with respect to human exposure to RF energy. Over 120 scientists, engineers, and physicians from universities, government health agencies, and industry, after reviewing the available body of research, developed this updated Standard. In March 1993, the Federal Communications Commission (FCC) proposed the adoption of this updated Standard.

The design of your unit complies with this updated Standard. The device outputs RF energy at levels that are far below the RF energy output from everyday consumer products and appliances, such as TV's, computers and cellular phones.

The SpeedTrac X sports radar meets the standards and recommendations for the protection of public exposure to RF electromagnet energy established by governmental bodies and other qualified organizations, such as the following:

- Federal Communications Commission (FCC, Part 15 approved)
- Department of Health and Welfare Canada, Safety Code 6
- American National Standards Institute (ANSI/IEEE), C95, 1-1992-2

#### **ELECTRONIC DEVICES INTERACTION:**

Most modern electric equipment is shielded from RF energy; however, some equipment may not be properly shielded. Although highly unlikely, RF energy from the SpeedTrac X sports radar may cause the malfunction of improperly shielded electronic equipment.

Consult the manufacturer of any personal medical devices (such as pacemakers, hearing aids, etc.) to determine if they are adequately shielded from external RF energy.

Turn the unit OFF in health care facilities when any regulations posted in the areas instruct you to do so. Hospitals or health care facilities may be using remote RF monitoring equipment.

#### **IMPORTANT INFORMATION:**

This device complies with Part 15 of the FCC Rules and with RSS-210 of the Industry Canada. Operation is subject to the

following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

#### WARRANTY INFORMATION

Limited Warranty: 1-year factory warranty on parts and labor for consumer (end user) use. Commercial, rental or other non-consumer use is a 30-day warranty. In either case shipping charges are not covered.

EMG Companies, Inc. warrants to the original North American (non-North American warranties must be presented to that country's authorized distributor) **purchaser** of the SpeedTrac X sports radar, that the product will be free of defects in materials or workmanship for 1 year from the date of purchase. If a unit is defective due to materials or workmanship your SpeedTrac X sports radar unit will either be repaired or replaced (at our option) without charge to the purchaser after unit has been received and inspected positively confirming the warranty claim legitimacy. YOU MUST COMPLETE AND MAIL-IN THE ATTACHED WARRANTY REGISTRATION INFORMATION WITHIN TEN (10) DAYS OF THE DATE OF PURCHASE TO QUALIFY FOR THIS WARRANTY. Be sure to indicate on the warranty card the date of purchase and from where it was purchased.

Units returned without proper warranty registration as described above, or units returned after the warranty has

expired, will be repaired or replaced (at our option) for a nominal charge.

EMG COMPANIES WILL NOT BE LIABLE FOR LOSS OF USE OF THE PRODUCT FOR ANY OTHER INCIDENTAL OR CONSEQUENTIAL COSTS, EXPENSES OR DAMAGES INCURRED BY THE PURCHASER. ANY IMPLIED WARRANTIES ARE LIMTED IN DURATION TO THE PERIOD INDICATED ABOVE AND BEGINNING ON THE ORIGINAL DATE OF PURCHAE. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE, OR FROM PROVINCE TO PROVINCE, SO OTHE FOREGOING LIMITATIONS MAY NOT APPLY TO YOU. THIS WARRANTY DOES NOT COVER DAMAGE RESULTING FROM ACCIDENT, UNREASONABLEL USE, NEGLIGENCE, IMPROPER SERVICE AND/OR ANY OTHER CAUSES NOT ARISING OUT OF DEFECTS IN MATERIAL OR WORKMANSHIP. IF, DURING THE WARRANTY PERIOD, YOU CHOOSE TO OBTAIN REPAIR OR REPLACEMENT, PLEASE MAKE THE ARRANGEMENTS DESCRIBED BELOW.

- 1. Pack the SpeedTrac X sports radar; carefully in it's **original box**. If the original box is not available, then use a sturdy carton with plenty of newspaper or other **non-static** padding all around the unit. **CAUTION: Do not use foam materials as they can create static electricity that can harm or discharge PIC software.** Be sure all available space in the carton is taken up by the packing material, so that the unit can not move.
- 2. Carefully print on the outside of the carton the following: EMG COMPANIES, INC., ATTN: WARRANTY RETURNS, 7655 WASHINGTON AVENUE SOUTH, EDINA, MN 55439-2417 U.S.A.
- 3. Don't forget to show your return address on the outside of the package. Inside the package, YOU MUST INCLUDE THE FOLLOWING: (1) your name (2) address (3) daytime

telephone number (4) a copy of your original receipt and (5) a detailed description as to why the unit is being returned.

4. Send UPS, FEDEX, insured mail or any mode that **guarantees proof-of-delivery** for you.

Units returned without proper warranty registration as described above or failure to provide required information or units returned after the warranty has expired, will be repaired or replaced (at our option) for a nominal charge.

#### **Questions, Comments or Suggestions?**

Please telephone us at 952-996-0383 or fax us at 952-996-0422.

# Thank you and we appreciate you as a customer!

#### EXTREMELY IMPORTANT INFORMATION!!!

Read the General Safety Guidelines on page 6, Safe Use Recommendations on page 11 and Warranty Information on pages 15-17 before operating the unit.

WARNING: USE ONLY THE SPEEDTRAC X AC ADAPTER. USE OF OTHER ADAPTERS (DO NOT USE A SPEEDCHEK ADAPTER) WILL RESULT IN DAMAGE TO YOUR SPEEDTRAC X AND VOID THE WARRANTY.

### SPEEDTRAC X ACCESSORIES ORDER FORM

QTY	DESCRIPTION	PART#	COST	TOTAL
	AC ADAPTER - USA	52001	\$16.95	
	AC ADAPTER - UK	52004	\$16.95	
	AC ADAPTER - EUROPE	52005	\$16.95	
	CARRYING BAG	52002	\$24.95	
	TUNING FORK	52003	\$19.95	
	TRIPOD	52006	\$36.95	
SUB TOTAL		\$		
MINNESOTA RESIDENTS ADD 6.5% SALES TAX			\$	
\$20.00 OR LESS ADD \$7.90 SHIPPING & HANDLING			\$	
\$20.91 - \$35.00 ADD \$9.90 SHIPPING & HANDLING		\$		
\$35.01 OR MORE ADD \$11.90 SHIPPING & HANDLING			\$	
UPS 3-DAY SELECT ADD \$6.00 EXTRA PER ORDER		\$		
UPS 2ND DAY AIR ADD \$10.75 EXTRA PER ORDER		\$		
UPS NEXT DAY AIR ADD \$18.75 EXTRA PER ORDER		\$		
ORDER TOTAL		\$		

NAME (PLEASE PRINT)		
ADDRESS		
STATE/PROVIDENCE	COUNTRY	
ZIP/POSTAL CODE	TELEPHONE	
	OF PAYMENT:CERTIFIED CHECK CREDIT CARDDEBIT CARD	
CARD TYPE EXPIRA	ATION DATE (MTH/YEAR)/	
CARD NUMBER		
CARD HOLDER NAME		
SIGNATURE	DATE / /	

SPEEDTRAC X ACCESSORIES SHIPPING & HANDLING CHARGES APPLY ONLY TO THE 48-CONTINGOUS STATES OF THE USA. FOR CHARGES OUTSIDE THIS AREA PLEASE CALL US AT 952-996-0383 OR FAX US AT 952-996-0422. ALL PRICES AND CONDITIONS OF SALE SUBJECT TO CHANGE.

### WARRANTY REGISTRATION

YOU MUST COMPLETE AND MAIL-IN THE BELOW WARRANTY REGISTRATION INFORMATION <u>WITHIN</u> TEN (10) DAYS OF THE DATE OF PURCHASE TO CERTIFY YOUR WARRANTY.

NAME (PLEASE PRINT)		
COMPANY (IF APPLICABLE)		
ADDRESS		
	ER	
STATE/PROVIDENCE	COUNTRY	
ZIP/POSTAL CODE	TELEPHONE	
PURCHASED FROM		
STATE/PROVIDENCE	COUNTRY	
ZIP/POSTAL CODE	_PURCHASE DATE//	
SEND WARRANTY INFORMA	ATION PAGE (AND SPEEDTRAC X	
	ORM, IF DESIRED) TO: <b>EMG</b>	
COMPANIES, INC., SPEEDTRAC X DEPARTMENT ONE, 7655		
WASHINGTON AVENUE SOUTH, EDINA, MINNESOTA, USA,		
55439-2417.		