# SRM PCB

## QUICK START GUIDE

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### INTRODUCTION

Welcome to the next generation of SRM Power! In your hand is the best training partner you will ever know. The PowerControl 8, developed by cyclists for cyclists, will push you harder, take you further, and enhance your training experience from this moment forward. The **Continues** SRM's legacy as cycling's superior training platform, honoring accuracy, precision, and durability designed for all types. From the pro peloton to the Sunday group-ride, on the TT bike and the 29er...

it's time to get more out of every ride with SRM!



### WHAT'S IN THE BOX?



PowerControl 8



Handlebar clip



Download cable (0,3m or 2m)



Quick Start Guide



USB Stick incl. software

#### ADDITIONAL ACCESSORIES (COMPLETE BUNDLE):



Heartrate Belt SRM HR



USB Wall Charger (115/220V AC)



Speed Sensor

### GETTING STARTED

Before using the **PowerControl 8** (PC8) for the first time, some basic steps need to be completed. For more details on all available options, please refer to the respective chapters in this guide.

- Charging the PC8 to 100%: Connect the magnetic charging/ download cable to the PC8, and a USB power source. This power source can be a computer, or any wall-mounted USB charger.
- Install the handlebar clip on the bike and clip on the PC8 till it locks in place.
- Turn on the PC8 with the MODE button and acquire satellites for GPS and to set the correct time (Clear view to the sky recommended) - see Settings Menu for Time Zones/Day Light Saving.
- Pair the PC8 with your sensors see *Pairing* menu.
- Go for a ride. If GPS is enabled, the PC8 will automatically start recording your ride data when movement was detected. If GPS is disabled, and no speed sensor is paired, you need to manually start the ride by holding the SET (Start) key for 2sec. and confirm with PRO (Yes). Stop the manual recording by holding SET (Stop) key 2sec. again.





Following the first ride, connect the PC8 to a computer using the charging/download cable. In Explorer (Windows) or Finder (Mac) the PC8 will appear as a USB device or external drive, named SRM\_PC8. On this drive, the **SRM/Activities** folder contains all ride activities as .fit file format. It can be copied or uploaded to the preferred software for analysis.

### STARTUP

To activate the PC8 hold the **MODE** key for 3 seconds. To put the PC8 manually back into standby mode hold the **MODE** key for 3 sec. in the *Ride Screen*.

#### NOTICE

The PC8 display will completely shut off when the charge of battery reaches the lower limit. Time and date will be lost. Please charge the PC8 full before use.



The lock icon shows that the PC8 is securely locked and can only wake up by pushing and holding down the **MODE** key. If the <u>PC8 Auto ON</u> function is enabled and the PC8 goes in standby NO lock icon will be displayed. The PC8 will activate automatically when movement is detected or by pressing and holding the **MODE** key. Standby time can be configured with the SRM Device Agent software (default setting is 10min.).

Once the PC8 starts up there is the choice to start a *New Ride, Change the Bike Profile* or *Continue* the current ride. Starting a *New Ride* will close the last ride and reset all values to zero.

#### NOTICE

Using the shortcut by pressing and holding down the **PRO** and **SET** key in the *Ride Screen* will also start a new ride.

Use *Chg Prof* to select a different Bike Profile. For more information on Bike Profiles - *see the "Bike Profile" section on page 9.* 



### ICON DEFINITIONS AND KEYS

#### **ICON DEFINITIONS**

1	Bike Profile	Currently active Bike Profile					
© 1	Interval	Currently active interval and count	ſ	Distance	PC8 Ride Time	Asi	cent
in the second se	Battery	Status 0 - 100% or charging		65.45 m Power	2:25:33 • He	8 eartra	16 m te ♡
•	Sounds	Enabled		ŠĐ.	]	ļŞĽ	ł
-5	ANT+™	Active			∞ υ ] <u>km</u> h		20+
Ø	Memory	Data is written to memory		INT/ZONES	MAIN		ST
2	Wi-Fi	Enabled	Ĥ	PRO	MODE		S
*	Bluetooth	Enabled		-1	-25		
oOO 📲	GPS	GPS signal quality and satellite fix				<u> </u>	
Ĥ	Screen lock	PC8 is locked and will not automatically	wak	e up with <u>PC</u>	8 Auto ON	<u>√</u> funct	tion

(1)	PRO:	Short key press: Interval / Zones / Actual Ride Overview
$\sim$		Long key press: Main Menu

MODE: Short key press: Mostly used "Next", see description above key Long key press: Lock/unlock keys, awake/enter sleep mode

3 SET: Short key press: Start/stop interval (in actual riding screen) Long key press: Start/stop recording manually (in actual riding screen)

MODE + SET	Short key press:	<u>Zero Offset Menu</u>
PRO + SET	Short key press:	Save and close training file
PRO + MODE	Short key press:	Enter History
PRO + MODE	Long key press:	Save screenshot
PRO + MODE + SET	Long key press:	Restart PC8

### RIDE SCREENS

The PC8 has up to four fully customizable screens that can be viewed while riding. To cycle through the available screens, press the **MODE** key. The PC8 will automatically return to the 1st *Ride Screen* (Main) after a time period.

#### NOTICE

The automatic return feature can be disabled with the Device Agent software. To customize the screens individually refer to the Device Agent *see the "PC8 Device Agent" section on page 20.* 

#### **RECORDING INTERVALS**

To start an interval press the **SET** (Start) key. The screen now displays the



interval time and the current interval count. All configured screens are available, and can be accessed by pressing the **MODE** key. To stop an interval press the **SET** (Stop) key. An overview screen will display the interval summary. The screen will disappear after some time and the ride screen will be displayed.

#### NOTIFICATIONS

Notifications will be displayed for informations and errors. Important notifications need confirmation or a selection by pressing keys. All others disappear automatically after a time period.



INTERVAL	1 - 11:52:12		1
Ride Time 0:08:32	Distance 4.45 km	Norm Pow. 215	
Avr Pow. 195	Avr Hrt. 133	Avr Spd. 31.3 km/h	
Avr Cad. 72	Ascent  5 m	Energy 98 kJ	••• ••]  •••
EXIT	NEXT	ZONE	S



### MAIN MENU

To access the PC8 *Main Menu* press and hold the **PRO** (Int/Zones) key for 2 seconds. The display will change to the *Main Menu* screen. Navigate to the desired screen/option by using the **MODE** (Next) and **SET** (Select) keys. To return to the previous menu or return to the *Ride Screen* use the **PRO** (Exit/Back) key. MAIN MENU 2 Bike Profile Moots Pairing Zero Offset History Settings

#### **BIKE PROFILE**

In the *Main Menu* screen press **SET** (Select) to enter *Bike Profile* screen. A profile stores information on paired ANT+<sup>™</sup> devices. Creating profiles for different bikes with different ANT+<sup>™</sup> sensors, such as PowerMeters or speed sensors, will eliminate the need to re-pair the PC8 pre-ride with the sensors on the respective bike. After a sensor has been paired it is associated with the profile it was paired under, switching profiles will automatically remember the devices paired in that profile. There are four bike profiles available to choose from. Each profile is identified by name, profile names can be customized using the SRM PC8 Device Agent.

BIKE PROFILE	2
Bike Profile	TTX
Pairing	> Moots
Zero Offset	Speed Con
History	Profil 4 🔥
Settings	
BACK N	IEXT CHANGE

Pressing **MODE** (Next) will browse through the available profiles. Press **SET** (Change) to use the currently selected profile. Pressing the **PRO** (Back) key will return to the *Main Menu*.

#### PAIRING

To pair an ANT+<sup>™</sup> device in the current *Bike Profile*, select *Pairing* from the *Main Menu*.

#### NOTICE

The SRM PC8 **only** supports ANT+<sup>™</sup> sensors - older ANT<sup>™</sup> sensors and Bluetooth<sup>®</sup> smart sensors are not supported.

#### PAIRING ANT+™ POWERMETER SENSOR

Select *PowerMeter* with **SET** (Select) key. Press **SET** (Search) again to search for an available sensor. The *Search* field will display a status bar while the PC8 searches for the PowerMeter.

#### NOTICE

The PowerMeter must be turned on to be recognized by the PC8. Please refer to the device manual for further information.

If a PowerMeter has been found, the *Search* field will show *CONNECTED* and the serial number. Pedal the PowerMeter for additional device status information (e.g. slope, rpm). If no connection can be established - see the "Troubleshooting" section on page 21.

After a PowerMeter has been paired with the PC8, it can be calibrated/set zero offset by pressing **MODE** (Zero Offset). For more information - *see the "History" section on page 14*. Press **PRO** (Back) to return to the *Main Menu*.



POWERME	ΓER			1
SERIAL	NO.		32305	
DATA			54 rpm	
BATTER	r stat	US	New	
SLOPE			33.7	-5
SEARCH		CON	NECTED	o00
				€) 
BACK	ZERO	OFFSET	SEARC	н

#### PAIRING ANT+™ SPEED SENSOR

To pair an ANT+<sup>™</sup> Speed Sensor select *Speed Sensor* with **SET** (Select) key in the *Pairing* menu. Press **SET** (Search) again to search for an available sensor. The Search field will display a status bar while the PC8 searches for the sensor.

#### NOTICE

The SRM PC8 supports ANT+<sup>™</sup> speed and combined speed/cadence sensors. A speed sensor must be turned on to be recognized by the PC8. Please refer to the device manual for further information. If no connection can be established *see the "Troubleshooting" section on page 21.* 

After a Speed Sensor has been paired with the PC8, the wheel size can be set by pressing **MODE** (Wheel Size).

#### PAIRING ANT+™ HEARTRATE SENSOR

To pair an ANT+<sup>TM</sup> Heartrate Sensor select *Heartrate* with **SET** (Select) key in the *Pairing* menu. Press **SET** (Search) again to search for an available sensor. The Search field will display a status bar while the PC8 searches for the sensor.

#### NOTICE

Heartrate Sensors do not belong to a specific bike profile and therefore only need to get paired once. A Heartrate Sensor must be turned on to be recognized by the PC8. Please refer to the device manual for further information. If no connection can be established - *see the "Troubleshooting" section on page 21.* 

SPEED		1
SERIAL N	10.	46656
DATA	2	20.0 km/h
WHEEL SI	ZE 2	2095 mm
		-4
SEARCH	CON	NECTED III
		(*) 111
BACK	WHEEL SIZE	SEARCH

HEARTRATE	1
SERIAL NO.	59086
DATA	60 bmp
SEARCH	CONNECTED III
	•
	· · · · · · · · · · · · · · · · · · ·
BACK	SEARCH

#### **ZERO OFFSET**

#### **SRM POWERMETER**

To set the zero offset of the SRM PowerMeter paired in the current profile, select *Zero Offset* from the *Main Menu*.

#### NOTICE

Press **MODE** and **SET** in the main *Ride Screen* to access the *Zero Offset* screen directly.

This screen displays the current Zero Offset received from the PowerMeter (left) and the Stored Offset (right) which is used to calculate the Power. Press **SET** (Set) to adopt the Zero Offset to the new value. Both numbers should now have the same value.

Press **MODE** (Auto-Zero) to toggle the *Auto-Zero* option ON or OFF. The PowerControl factory setting for *Auto-Zero* is ON. The PowerMeter and PowerControl will sync to update a new Zero Offset value during your ride to improve the accuracy of measurement.

#### NOTICE

The Zero Offset must be set with no torque on the cranks. If the current Zero Offset value is zero, the PowerMeter is not transmitting data. Please refer to the SRM PowerMeter manual for further troubleshooting.

If the *Slope* was manually modified the calibration screen will show the letter **M** after the slope value. To learn more about the manual slope value - *see the "Data" section on page 16.* 







#### OTHER THIRD PARTY ANT+™ POWERMETERS

To calibrate other third party ANT+™ PowerMeter paired in the current profile, select *Zero Offset* from the *Main Menu*.

#### NOTICE

Press **MODE** and **SET** in the main *Ride Screen* to access the *Zero Offset* screen directly.

Press **SET** (Set) to send a calibration request to the PowerMeter. The SRM PC8 will display if the calibration process failed or succeeded.

#### NOTICE

Calibrate the PowerMeter with no torque applied. Make sure the PowerMeter is turned on and transmitting data. Please refer to the device manual for further troubleshooting.

Auto-Zero functionality can be turned ON/OFF with the **MODE** (Auto-Zero) key.

#### NOTICE

The Auto-Zero feature is only supported for sensors that self-monitor zero offset. Please refer to the device manual for further information. All other devices will show N/A (not available) status.

ZERO OFI	SET		1
PM-ID	AUTO-ZERO	CAL. VAL.	
12058	N/A	150	
			0
Calibrati	ion request se	nt	4
	-		đ
			۲
BACK	AUTO-ZERO	) SE	ΞT

ZERO OFFSET				
PM-ID 12058	AUTO-ZERO OFF	CAL. VAL. 64570		
Calibration Success.			© ↓ 11 ⊕	
BACK	AUTO-ZER	) SE	T	

#### HISTORY

To view history of the last twenty eight recorded rides and your total ride values on the PC8, select *History* from the *Main Menu*.

#### RIDES

Press **SET** (Select) to enter the list of all rides. Press **MODE** (Next) to cycle through them. To view the details of a ride press **SET** (Select). There are three pages with totals, average and maximum values.

RIDES	2	PAGE 1/3	1
03/28/2015 - 4:26:39 AM		STARTTIME 7:37	
03/12/2015 - 11:41:25 PM		DISTANCE 102.9km	
03/28/2015 - 4:43:13 AM		BIKE PROFILE Profil 1	
03/28/2015 - 12:17:35 PM	-5		-5
04/03/2015 - 7:17:30 PM	10	TSS 198.3	a
04/04/2015 - 7:37:37 AM	4» •••	IF 0.77	€) Ш
BACK NEXT	SELECT	BACK NEXT	

#### **TOTAL VALUES**

Select *Total Values* to view a total of distance, ride time and energy for all rides done with the PC8. Press **MODE** (Next) to switch to the *Total Values of the current bike profile* in use. Resetting the values is done by holding **SET** (Delete) key for 2sec. and confirming with **MODE** (OK).

TOTAL VAL	UES	1
Distance		593.4 km
Ride Time	2	1:26:16 h
Enerou		14.92 MJ 🍾
BACK	NEXT	

TOTAL VAL	UES CURRENT	PROFILE 1
Distance		178.4 km
Ride Time	0	17:15:08 h
Energy		4.67 MJ 🄸
I		
BACK	NEXT	DELETE

#### SETTINGS

To view and modify the Settings on the PC8, select Settings from the Main Menu.

#### SENSORS

To view and modify sensor settings, select *Sensors* from the *Settings* Menu. GPS can be turned *OFF* or set to the desired sampling rate. The longer the sampling rate, the longer the PC8 battery will last, however accuracy of speed and location will be affected accordingly.



#### UNITS

To view and modify units, select *Units* from the *Settings* Menu. Change to the desired metrics *Metric* or *Imperial* with the **SET** (Change) key. When leaving the menu with the **PRO** (Back) key the settings are automatically stored.

UNITS			2
Altitude	m	ft	
Speed / Distance	km/h	mph	
Temperature	°C	۴F	
Weight	kg	lbs	
Date	DD.MM	MM/DD	đ
Clock	24h	12h	€) ■
BACK NEXT	Γ	CHANC	ΒE

#### **System**

To view and modify system settings, select System from the Settings Menu.

Backlight - Default setting is OFF. Auto will switch on the backlight based on light intensity. For energy saving the backlight will switch off after some time when there is no movement.

Set *Time Zone* and *Daylight Saving* according to your current location to get correct time from the GPS. *PC8 Auto ON* enabled will switch the PC8 on automatically when movement is detected.

SYSTEM			2
Signal Sounds	OFF	ON	
Language	Eng	lish	
Backlight	OFF	Auto	
Time Zone	UTC	-6:00	
Daylight Savings	OFF	ON	al I
PC8 Auto ON	OFF	ON	
BACK NEXT	Γ	CHAN	GE

#### DATA

To view and modify data settings, select *Data* from the *Settings* Menu.

#### NOTICE

Only when using a  $ANT+^{TM}$  Speed Sensor the Wheel size needs be modified in the current selected *bike profile* to get accurate measurement.

Ø Timebase with Zero: Default setting is ON - zero values from cadence and power are taken into account to their average calculation. If setting is set to OFF only pedaling cadence and power values are used for their average calculation.

#### NOTICE

No data is lost when deactivating this setting!

DATA				1
Altitude ca	libratior	110	) m	
Wheel size		2095	5 mm	
Ø Timebase	· ω. Ο	OFF	ON	
				o00
				۲
BACK	NEXT		CHAN	ΞE

#### **USER PROFILE**

To view and modify user profile settings, select *User Profile* from the *Settings* Menu.

*User Profile* settings can be modified except the name. Install and connect to the Device Agent to modify all data via computer *- see the "PC8 Device Agent" section on page 20.* 

USER PROFILE		2
Name	SRM PC8	
Gender	Male	
Age	30	
Height	180 cm	
Weight	75.0 kg	đ
ANT+ Weight Scale		€) 
BACK NEXT	Г	

Weight can be set manually or measured with an ANT+<sup>™</sup> weight scale. The PC8 will connect to a weight scale and receive the weight and other information automatically. To apply the new values press the **SET** (Set) key.

ANT+™ weight scales can be purchased as an after market product. See <a href="http://www.thisisant.com/directory">http://www.thisisant.com/directory</a> for more details and manufacturers.

ANT+ SCALE	1
DATA RECEIVED	
BODY WEIGHT 78.9 kg	
BODY FAT 18.5 %	
BODY HYDRATION 56.8 %	
MUSCLE MASS 36.3 kg	•\$
BONE MASS 3.2 kg	_
BACK SE	ΞT

### VIEWING DATA WHILE RIDING

#### **REVIEWING INTERVALS**

Intervals recorded during the current ride can be reviewed by pressing **PRO** (Int/Zones). Press the **MODE** (Next) key to reverse cycle through all available intervals starting with the most recent one.

#### **VIEWING TRAINING ZONES**

To view the *Training Zones* press the **SET** (Zones) key in the *Interval Review* screen. There are up to seven training zones configurable based on power or heartrate. To browse to the next higher one press the **MODE** (Next) key.

#### NOTICE

Training zones can be configured in the Device Agent software.

#### **VIEWING ACTUAL RIDE OVERVIEW**

To view the *Ride Overview* of the current ride press the **SET** (Ride) key in the *Training Zones* screen. To browse through the total, average and maximum values press the **MODE** (Next) key. Press the **SET** (Interval) key to return back to the *Interval Review* screen. Leave the menu by pressing the **PRO** (Exit) key.

INTERVAL	1 - 11:52:12	1
Ride Time	Distance	Norm Pow.
0:08:32	4.45 km	215
Avr Pow.	Avr Hrt.	Avr Spd.
195	133	31.3 km/h
Avr Cad.	Ascent	Energy
72	5 m	98 kJ
EXIT	NEXT	ZONES

ZONE 2 - GA1 / 156 - 228W 1			1
Ride Time	% in Zone	Energy	
1:30:05	52	053 kJ	
Avr Pow.		Avr Hrt.	0
195		135	
Avr Spd.		Avr Cad.	₀0
29.9 km/h		80	€≫
EXIT	NEXT	RIE	ÈΕ

ACTUAL RIDE OVE	RVIEW 1	
STARTTIME RIDETIME DISTANCE	10:29 2:00:09 58.0km	
BIKE PROFILE	Canyon Aeroad	
ENERGY TSS IF	1393kJ 146.7 0.86	
EXIT NE	XT INTERVAL	

### CONNECTING TO USB

Connect the PC8 via USB download cable to your PC or MAC. The PC8 will appear as a USB mass storage device named SRM\_PC8. Activities can be found in the folder /SRM/Activities.

#### **▲ CAUTION**

Never delete any folder or format the SRM\_PC8 device to prevent data loss.



### UPDATING FIRMWARE

SRM will continue to improve on the PC8 by providing firmware updates via:

http://www.srm.de/support/software

How to update the firmware:

- Download new firmware to computer
- Connect PC8 to computer via USB cable
- Copy firmware file to the folder /SRM/Firmware
- Disconnect PC8 from your computer, follow on-screen prompts - firmware installs and PC8 restarts automatically
- Restart PC8 manually if no on-screen prompt appears. For more information on how to restart the PC8 manually *- see the "Icon definitions and keys" section on page 7.*



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### PC8 DEVICE AGENT

**SRM** To configure the PC8 is accompanied by the PC8 Device Agent software. It provides an intuitive user interface that is designed to make PC8 configuration tasks an easy and effortless experience.

The PC8 Device Agent is supported on Microsoft<sup>®</sup> Windows and Mac OS X<sup>®</sup> operating systems. To download the latest version and see the minimum system requirements check our webpage at <u>http://</u> www.srm.de/products/software.

After downloading and installing the application, connect the PC8 to a USB port on the computer using the charging/download cable. Open the Device Agent software - a connection icon in the status bar will indicate that communication with the PC8 is established.

The *PC8 Device Agent* will load and display the current settings of your PC8 automatically. The current settings can always be re-loaded by press the *Load from PC8* key in the status bar. After configuring the PC8 using the PC8 Device Agent, Press *Save to PC8* to persist any changes you made to the PC8. Disconnect the PC8 from USB to load the new settings automatically.

For more information about the PC8 Device Agent visit <u>http://www.srm.de/support/manuals-documents/</u> or Select *Help/Manual* within the Device Agent software.







### TROUBLESHOOTING

#### My PC8 does not find my ANT+™ device

Make sure the sensor you are trying to pair with the PC8 is within range (max 12 feet), and turned on. Please refer to the manual of the respective sensor for details on how to turn a sensor on. If the sensor has been in use previously (e.g. is not new) consider replacing the battery.

#### My WINDOWS/MAC COMPUTER DOES NOT RECOGNIZE MY PC8

Verify that the PC8 is turned on and charged. If the PC8 screen is blank, or shows <10% charging level, allow for recharging. If your computer still does not detect your PC8, disconnect the PC8 cable and connect another USB mass storage device, such as a USB stick, on the same port. If the USB mass storage device is found, re-start the PC8 by pressing and holding the **PRO**, **MODE** and **SET** keys simultaneously for three seconds.

#### MY PC8 DOES NOT SHOW THE SETTINGS CONFIGURED WITH THE PC8 DEVICE AGENT

Changes made with the SRM PC8 Device Agent are not written to the PC8 automatically. To transfer any settings change, click the *Save to PC8* button in the Device Agent's status bar.

### COPYRIGHT AND TRADEMARKS

ANT+<sup>™</sup> is a trademark of the Garmin Ltd. The Bluetooth<sup>®</sup> wordmark and logos are owned by the Bluetooth SIG, Inc. and any use of such marks by SRM GmbH is under license. Wi-Fi<sup>®</sup> is a registered trademark of the Wi-Fi Alliance Corporation. Windows<sup>®</sup> is a registered trademark of Mircosoft Corporation. Mac<sup>®</sup> is registered trademark of the Apple Computer Inc. Other trademarks and trade names are those of their respective owners. This product is ANT+<sup>™</sup> registered. View all compatible products at <u>www.thisisant.com/directory</u>.



### STATEMENT OF COMPLIANCE

This device complies with Part 15 of the Federal Communications Commission (FCC) Rules. Operation is subject to the following two conditions:

- 1. This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

Caution: Changes or modifications to this unit not expressly approved by the party responsible for compliance (SRM) could void the user's authority to operate this equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the manufacturer's instructions, may cause interference harmful to radio communications. There is no guarantee, however, that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- 1. Reorient or relocate the receiving antenna.
- 2. Increase the separation between the equipment and receiver.
- 3. Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- 4. Consult the dealer or an experienced radio or TV technician for help.

Any questions regarding the information contained in the Statement of Compliance should be directed to:

SRM Service Center, Inc. d/b/a SRM USA 720 W. Monument Street Colorado Springs, CO 80904 (719) 266-4127

### WARRANTY

#### **GLOBAL THREE-YEAR LIMITED WARRANTY**

SRM PowerControl & SRM accessories: are warrantied to be free from defects in materials or workmanship for three years from the date of purchase. Within this period, SRM will, at its option, repair or replace any components that fail in normal use. Such repairs or replacement will be made at no charge to the customer for parts or labor, provided that the customer shall be responsible for any necessary transportation cost. This warranty does not apply to: (I) cosmetic damage, such as scratches, nicks, and dents; (II) damage caused by improper bike fitment; (III) damage caused by improper installation by an unauthorized SRM dealer; (IV) damage caused by a crash, accident, abuse, misuse, fire, or other external causes; (V) damage caused by service performed by anyone who is not an authorized SRM service representative; or (VI) damage to a product that has been modified or altered without the written permission of SRM. Additionally, SRM reserves the right to refuse warranty claims against products or services that it deems fraudulent. Attempting to service or open the PowerControl product will void the warranty! Each SRM product has a tamper seal to prevent unauthorized service. For all warranty issues please call or email the assocciated SRM Service Center.

### IMPORTANT SAFETY INSTRUCTIONS

#### **▲** CAUTION



#### **Battery Warnings**

You must read these safety instructions and warnings before using or charging your device. If these guidelines are not followed, the internal lithium-polymer battery may experience a shortened life span or may present a risk of damage to the PC8, fire, chemical burn, electrolyte leak and/or injury. Lithium-polymer batteries are volatile. Do not disassemble, modify, puncture or damage the device. Do not expose the device to fire, explosion or other hazard. Do not remove or attempt to remove the non-user-replaceable battery.



#### Magnetic field

Magnets in the PC8 and download cable produce a far-reaching, strong magnetic field. They could damage TVs and laptops, computer hard drives, credit and ATM cards, data storage media, mechanical watches, hearing aids and speakers. Keep both away from devices and objects that could be damaged by strong magnetic fields.



#### Pacemaker

Magnets in the PC8 and download cable could affect the functioning of pacemakers and implanted heart defibrillators. A pacemaker could switch into test mode and cause illness. A heart defibrillator may stop working.



#### SRM INTERNATIONAL SRM GmbH

Rudolf-Schulten-Str. 6 52428 Jülich Germany Tel: +49 2461 691230 info@srm.de

#### SRM ITALIA

Viale Carlo del Prete, 347 F 55100 Lucca (LU) Italia Tel: +39 0583 332036 italia@srm.de

#### SRM USA

720 W. Monument St. Colorado Springs, CO 80904 USA Phone: 719.266.4127 usa@srm.de

#### SRM OCEANIA

1 Laurel Lane Linwood, Christchurch 8011 New Zealand Phone: +64 (3) 355 9467 oceania@srm.de