



SYSTEM USER MANUAL

CHECKLIST - BEFORE YOUR FIRST RIDE

To receive power data:

- Install the SRM PowerMeter crankset per manufacturers instructions
- Install cadence magnet as shown in this manual
- If desired install head unit handlebar mount per manufacturers instructions. SRM mounting options can be found at: <http://store.srm.de/accessories.html>
- Pair the PowerControl/head unit to the PowerMeter (See PC8 or head unit manual for pairing information)
- Set the Zero Offset on your PC8 or head unit (See PC8 or head unit manual for setting the zero offset)
You should now receive correct power and cadence data

To receive data from accessories such as speed and heart rate:

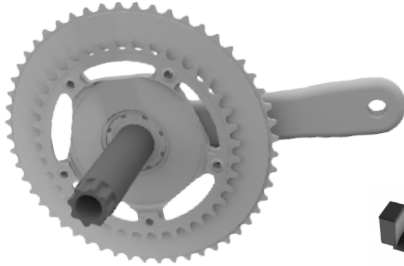
- Install ANT+ speed sensor, heart rate strap or other accessory per manufacturers instructions
- Pair the desired accessory (See PC8 or head unit manual for pairing information)

Other:

- Allow PC8/device to connect to GPS in order to set time (See PC8 or head unit manual for setting proper time for your location)
- Download and connect your PC8 to SRM Device Agent to create your personal rider profile, customize the display and enhance connectivity to data analysis software. SRM software can be located at: <http://www.srm.de/products/software/>

TRAINING SYSTEM COMPONENTS

Components sold as a complete system and sold separately. Additional accessories can be found at: <http://store.srm.de/accessories.html>



POWERMETER



CADENCE MAGNET



SPEED SENSOR



SPEED SENSOR MAGNET



POWERCONTROL



USB CABLE



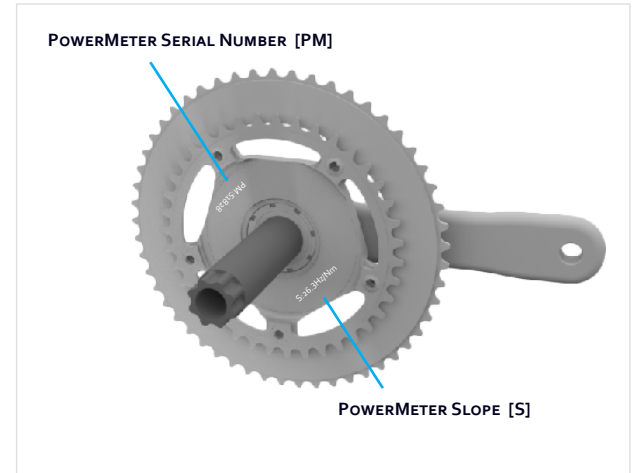
HANDLEBAR MOUNT



HEART RATE STRAP

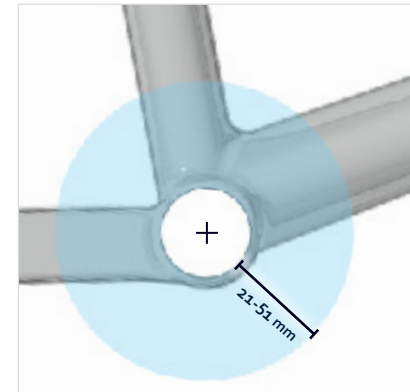
POWERMETER INSTALLATION

1. Install the SRM PowerMeter according to the original crank manufacturer's instructions.
2. Depending on the bike frame, you may need to purchase the correct bottom bracket and/or adapters.
3. It is recommended that you have the SRM PowerMeter installed by an authorized dealer.
To locate an SRM authorized dealer visit our website at: <http://www.srm.de/dealer/>



CADENCE MAGNET INSTALLATION OPTIONS

1. The recommended position for the cadence magnet is on the underside of the bottom bracket.
2. Make sure the magnet is positioned between 21-51 mm from the center point of the bottom bracket shell. The cadence magnet must be installed properly in order for the PowerMeter to turn on and measure cadence.
3. Once the magnet is in the correct position the PowerMeter can be turned on by rotating the cranks, refer to PowerControl or device manual to pair and confirm proper magnet position.

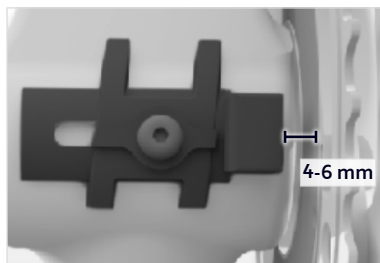


OPTION 1: FOR FRAMES WITH A CABLE GUIDE:

1. Remove the cable guide bolt and install the magnet under the cable guide.
2. Position the magnet 4-6 mm from the backside of the PowerMeter.
3. Install the bolt and tighten it to the torque specified by the frame manufacturer.

To assist with cable guide removal, shift the chain into the largest cog in the rear and the largest chainring in the front. Next, without turning the cranks, shift both derailleurs to the smallest cog. This will remove tension from both cables.

Note: The derailleurs may require some adjustment after cadence magnet installation.



OPTION 2: FOR FRAMES WITHOUT A CABLE GUIDE:

1. Clean both the magnet and the mounting surface of the frame with the alcohol swab provided.
2. Position the magnet 4-6 mm from the backside of the PowerMeter. It is recommended to temporarily fix the magnet in place and confirm correct position before installing with the double sided tape.
3. Use the double sided tape to install the cadence magnet to the frame. Remove the protective film on each side of the tape. Avoid touching the adhesive surfaces.

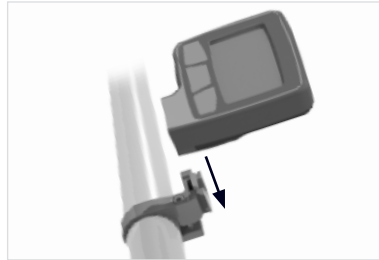
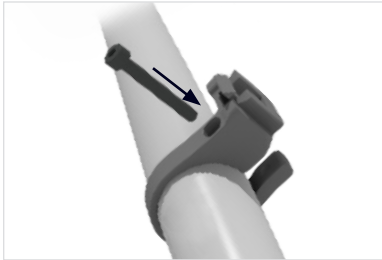
To achieve optimal magnet position, the cadence magnet and double sided tape can be cut with scissors to fit your desired location.



If your frame geometry does not allow for these magnet positions, visit <http://store.srm.de/> for integrated chain catcher magnets and additional mounting options.

HANDLEBAR MOUNT AND POWERCONTROL INSTALLATION

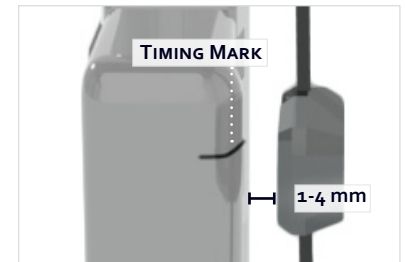
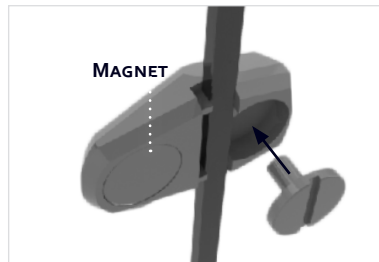
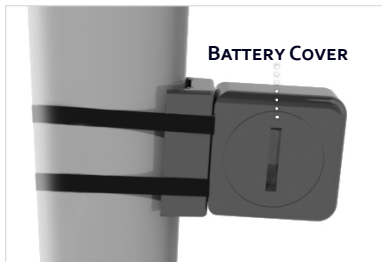
1. Install the handlebar mount onto the handlebar. Use a 3 mm hex key to tighten the bolt to 1-2 N.m.
2. Install the PowerControl onto the spring clip of the handlebar mount.



SPEED SENSOR AND MAGNET INSTALLATION

1. Install the speed sensor onto the fork with the two zip ties. Make sure the battery cover faces away from the spokes.
2. Install the speed sensor magnet onto the spoke of the front wheel.
3. Align the magnet with the timing mark on the sensor. **Make sure there is 1-4 mm between the sensor and the magnet.**
4. When the magnet is in the proper position a faint click can be heard as the magnet passes over the speed sensor.

Speed/distance information can be obtained from an external ANT+ speed sensor as described here or via GPS in your connected device. Refer to device manual for more information.



SRM POWERCONTROL

- The SRM PowerControl is used to communicate with the PowerMeter, display/store ride data and to setup necessary information for proper data collection.
- For more information on SRM's line of PowerControl head units visit www.srm.de. PowerControl user manuals can be found at: <http://www.srm.de/support/manuals-documents/>

SRM SOFTWARE

- In order to download and analyze SRM training files, you must have the appropriate software installed on your computer such as SRMX or SRM WIN. Choose the compatible software for your computer's operating system for free at: <http://www.srm.de/products/software/>
- For PC8: To create your personal rider profile, customize the display and enhance connectivity to data analysis software, download and connect your PC8 to SRM Device Agent. SRM Device Agent software can be located at: <http://www.srm.de/products/software/>
- For information on basic software needs, downloading ride files, and setting up devices go to www.SRM.de/support or call our tech support line at: 719-266-4127

CLEANING AND SERVICE

The SRM PowerMeter and PowerControl are sealed to prevent water entry. However, we do not advise cleaning with a pressure washer. Use a mild detergent with a soft brush or cloth to clean your PowerMeter and PowerControl. Do not clean your PowerMeter in a solvent parts washer.

SRM POWERMETER

- Please refer to the original crank manufacturer's recommendation for service procedure and intervals.
- Check the battery usage in the SRM Software or on the PowerControl **BATTERY STATUS SCREEN**.
- For SRM PowerMeters with non-rechargeable solid state batteries or rechargeable batteries- when the battery has been depleted or no longer holds a charge, the SRM PowerMeter will need to be returned to an SRM Service Center for battery replacement and service. For locations please visit www.SRM.de/support/service-locations.
- For SRM PowerMeters with crank spindle batteries- see the SRM Crank Spindle Battery Instructions on www.SRM.de. Dispose of batteries according to local and federal regulations.

SRM POWERCONTROL

- Your SRM PowerControl has a rechargeable battery. The battery has a life of approximately 500 charge cycles. Depending on the conditions being used, this should give 3-5 years of uninterrupted use.
- SRM recommends keeping your PowerControl charged. Storing your PowerControl with zero battery charge (blank display) will decrease the battery life.
- When your battery no longer holds a charge, your SRM PowerControl will need to be returned to an SRM Service Center for battery replacement and service. For locations please visit www.SRM.de/support/service-locations.

WARRANTY

LIMITED LIFETIME WARRANTY - NORTH AMERICAN CUSTOMERS ONLY

The SRM Training Systems Limited Lifetime Warranty for the structural and electronic components of your new SRM PowerMeter and SRM PowerControl. This Limited Lifetime Warranty ("Warranty") is only valid in the Continental United States, Alaska, Hawaii, Puerto Rico and U.S. Virgin Islands. The Warranty is only available to the original consumer/purchaser of the product and not transferable.

SRM warrants that the structural and electronic components of the SRM PowerMeter and SRM PowerControl are free of defects in workmanship and materials for the lifetime of the product to the original consumer/ purchaser. The Warranty does not extend to the battery or power supply. This Warranty is expressly limited to the repair or replacement of the structural or electronic components of an SRM PowerMeter or SRM PowerControl at the sole option of SRM.

To make a claim under this Warranty, proof of purchase must be provided. The product must also be registered with SRM USA before a warranty claim may be processed. Thus, it is important to register your SRM PowerMeter or SRM PowerControl upon purchase of the product with SRM USA.

This Warranty does not apply to 1) normal wear and tear; 2) products improperly installed; 3) any product that has been subject to abuse, misuse, neglect, alteration, abnormal use or accident; 4) any defects or damage directly or indirectly caused by the unauthorized replacement parts and/or service performed by unauthorized dealers or personnel; 5) batteries; 6) accessories such as USB cable, wall-chargers, handlebar mounts/clips, cadence and magnets; 7) crank arms, chain rings or chain ring screws/bolts (these products shall be covered by the stated warranty of the original manufacturers); and 8) any upgrades or changes to the new SRM PowerMeter or SRM PowerControl.

THE WARRANTY AND REMEDIES CONTAINED HEREIN ARE EXCLUSIVE TO THE ORIGINAL CONSUMER/ PURCHASER AND IN LIEU OF ALL OTHER WARRANTIES EXPRESS OR IMPLIED OR STATUTORY, INCLUDING ANY LIABILITY ARISING UNDER ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, STATUTORY OR OTHERWISE. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, WHICH MAY VARY FROM STATE TO STATE.

IN NO EVENT WILL SRM USA BE LIABLE FOR ANY INCIDENTAL, SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES, WHETHER RESULTING FROM THE USE, MISUSE, OR INABILITY TO USE THIS PRODUCT OR FROM DEFECTS IN THE PRODUCTS. NOTE: SOME STATES DO NOT ALLOW THE EXCLUSION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES AND THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU.

To process a warranty claim, please contact SRM USA at 720 W. Monument Street, Colorado Springs, CO 80904, 719.266.4127 or fax 719.266.4284, and provide your proof of purchase and registration of product.

WARRANTY CONTINUED

ONE-YEAR LIMITED WARRANTY - SRM ASSOCIATED PRODUCTS

SRM's associated products shall also be covered under this limited warranty for a period of one year. Associated product warranty excludes normal wear and tear, and is limited to those products purchased from and installed by a SRM service center or authorized SRM dealer. Should the Associated Product OEM Manufacturer warranty their product for longer than one-year, that warranty coverage will be applied (see respective manufacturer's websites for details).

Items covered by this associated product warranty includes: chainrings, chainring-bolts, crank arms, bottom brackets, accessory mounting devices, magnets, speed pods, and ball bearings.

ONE-YEAR LIMITED WARRANTY - REFURBISHED SRM PRODUCTS

Refurbished Products: Refurbished PowerMeters and PowerControls are covered with a one-year limited warranty to be free from defects in materials or workmanship. 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.

SRM POWERMETERS LIFETIME CRASH REPLACEMENT

SRM PowerMeters manufactures products that will confidently survive the rigors of competition and riding at the highest levels. We also understand that unintentional accidents happen more often than any of us would like. There are pot holes, distracted drivers, debris, animals, weather, and many other ways to crash or damage the SRM PowerMeter. To keep customers in the SRM family, we offer a LIFETIME Crash Replacement Policy to the original owner. Products or parts will be replaced at a reasonable charge deemed appropriate by SRM, please contact SRM USA for specific prices.

CRASH REPLACEMENT DETAILS:

THE CUSTOMER MUST:

Return the damaged part or product to SRM USA at the customer's expense.
Provide an Original Sales Receipt or Proof Of Purchase.

TERMS:

Only applied to same model, brand, kind, etc. but an upgrade may be offered for discontinued product.
Each case is handled individually and at the sole discretion of SRM PowerMeters, who reserves the right to refuse this offer.

CRASH REPLACEMENT DOES NOT COVER:

Labor to repair / rebuild the product. Labor is charged at the normal rate to the customer.
Shipping cost is the responsibility of the customer.

In no event shall SRM PowerMeters be held responsible for direct, incidental or consequential damages, including, without limitation, damages for personal injury, property damage, or economic losses, whether based on contract, warranty, negligence, or product liability.

FCC COMPLIANCE DECLARATION

Regulatory Compliance FCC ID: WCS-PM7 IC: 7761A-PM7

Regulatory Compliance FCC ID: WCS-PC7 IC: 7761A-PC7

This device complies with Part 15 of the FCC Rules, Industry Canada RSS-210, and ICES-003.

Operation is subject to the following two conditions:

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

This equipment has been tested and found to comply with the limits for Class B digital device, pursuant Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and may cause harmful interference to radio communications if not installed and used in accordance with the instructions.

However, there is no guarantee 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 and correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between equipment and the receiver.
- Connect the equipment into an outlet that is on a different circuit from unit.
- Decrease the number of interfering bodies between and near the sending and receiving units.
- Consult the dealer or an experienced radio/TV technician for help.

This product does not contain any user serviceable-parts. Repairs should only be made by an authorized SRM Service Center. Unauthorized repairs or modifications could result in permanent damage to the equipment, and void your warranty and your authority to operate this device under Part 15 regulations.

SRM USA

720 West Monument Street | Colorado Springs, CO 80904 | USA

Phone: 1 (719) 266-4127 | Fax: 1 (719) 266-4284 | Web: www.SRM.de