



SHIMANO

New Product Technology for 2006 / 07

UPGRADES FOR
SHIMANO XT & LX

**SHIMANO DXR GROUP
FOR BMX**

**ROAD WHEEL SYSTEMS
FOR ULTEGRA &
SHIMANO 105**

Featuring:



SHIMANO

ALL NEW XTR

The ultimate XC
performance technology
becomes the ultimate
MTB technology, period!

New
SHIMANO
XTR
Engineered for the way you ride



THE ULTIMATE XC PERFORMANCE TECHNOLOGY BECOMES THE ULTIMATE MTB TECHNOLOGY, PERIOD!

XTR has always been about pure XC performance, and it still is. But now it's about all your other riding styles, too. With **new shifting and rear derailleur options, four available brake rotor sizes**, and the addition of **separate brake and shift levers**, XTR delivers the options and performance to address the needs of all mountain and trail riders, as well as World-Cup-Level cross country racers. Reduced weight (down 425g for the complete group with Rapidfire shifters, 365g for the complete group with Dual Control), increased stiffness, greater strength, and even more durability combine with innovative new features to deliver the ultimate riding experience.

New XTR Rapidfire Plus Shifters: 4 New Features

Since 1990, Rapidfire shifters have set the industry standard for shifting performance. With the introduction of four new features, the new XTR Rapidfire Plus shifters raise the bar, yet again.



SL-M970

1. Instant-release shifting: A click of the upper lever releases cable, same as it always has. The difference is that now it releases immediately when the lever is depressed, making shifting that much faster.

2. Multi-release shifting: With Rapidfire you've always been able to grab more than one gear with the lower lever. With Instantfire, you can now shift two gears with the upper lever, too. More gears when you need them, and the indexing is strong enough to prevent accidental overshifting. So if you just want one gear, that's great, too.

3. Two-Way release: The upper lever still performs the same function, but now it swings both ways. Pull it with your finger, push it with your thumb—you choose.

4. Variable positioning: With infinitely adjustable lateral positioning, you can mount the shifter inboard or outboard of the brake lever and fine tune the position from there.

XTR Top-Normal & Low-Normal Rear Derailleurs

For riders who are totally comfortable with what has long been the industry standard for derailleur design and gravity racers, Top-Normal rear derailleurs offer crisp, clean, derailleur-controlled shifts to harder gears, allowing excellent shifting under heavy load and acceleration—particularly with Rapidfire shifters.

Low Normal rear derailleurs offer maximum drivetrain durability and beautifully controlled shifts to lower gears—a clear advantage for XC racers and riders who do a large amount of riding or frequently encounter bad conditions and need maximum reliability.



RD M971 Top Normal



RD M970 Low Normal

New **XTR** Dual Control Version 2.0

Enhanced ergonomics • Improved performance • Reduced weight.

Already the choice of Olympic and World Champion Cross Country racers, Dual Control makes a huge leap in performance for 2006/7, incorporating Shimano's Instant-release and Multi-release technology in an integrated system. Shifting becomes faster and even more intuitive; and you still never have to take your fingers off the brake lever. A winning design just got better. Available in hydraulic and V-brake options.



New **XTR** Hydraulic Brake Technology

For the first time, Shimano introduces a **separate hydraulic brake lever** at the XTR level. The system uses a radially-mounted reservoir, and featuring a hydraulic line position that ensures the levers can be mounted close together on narrow xc handlebars with no cable interference. It also allows excellent clearance for use on riser handlebars—even the newer 31.8mm diameter handlebar offerings.

The **new rotor design** offers increased strength and rigidity and comes in four different sizes: 160, 180, and 203mm for front and rear, as well as a rear-specific 140mm for the most weight-conscious XC riders out there.

To make sure you get the most performance with the lowest possible weight, XTR calipers will be available in both international standard and post-type mounting systems. No adapters required for 140 or 160mm rotors! Additional weight savings comes from the use of titanium backed plates for the brake pads.

New **XTR** Crankset Technology

The completely redesigned XTR crankset has made the peak Hollowtech II performance even better. First, it's lighter by 50g while maintaining rigidity. Plus, the chainrings become even more durable without adding weight, courtesy of a nickel-plated outer ring and a revolutionary composite carbon/titanium middle chainring. This of course, in addition to the shifting performance and two-piece crank design that is only available from Shimano.

New **XTR** Wheelset Technology

The new XTR Wheels deliver scandium rim technology and a new spoke lacing pattern to create a wheelset that is 187g lighter (only 1525g total), and that offers appreciable increases in lateral rigidity. The result is a real improvement in handling performance. The freehub body engages twice as quick as previous generations for a feeling of instant power transfer. These updates add value without straying from the quality you've come to expect from Shimano: sound, durable design, clean appearance, and bombproof angular contact bearings—not to mention compatibility with tubeless or standard tires.



New **XTR** SPD Pedal

Solid engagement. Increased platform stability. Predictable entry and release in varied conditions. Excellent durability. Amazing bearing quality. Designed to perfectly complement Shimano shoes, the first ever XTR branded pedals raise the level of performance for industry standard SPD technology while shedding another 25g weight.

In addition to the changes stated above considerable updates have been made to the front derailleur, hubset and cassette sprockets.



New XTR will be available August 2006 on OE bikes and October for after market.

PD-M970

More MTB Upgrades for '06/'07

SHIMANO
Deore **XT**



RD-M761

New RapidFire Plus levers featuring the 2-way release mechanism will be added to the XT and LX groups. Top-Normal rear derailleurs with the Wide-Link design will be available as an additional option to the current Low-Normal. Available August 2006.

SHIMANO
Deore **LX**



SL-M580

SAINT and **HONE**

To address market demand, we will offer Saint and Hone rear derailleurs in a top-normal design. In addition, the seal design for the Saint hubset has been upgraded. Available October 2006.

Wheels

A new disc and rim-brake-compatible MTB wheelset will be introduced, positioned at the Deore level and price point. Available July 2006.

SHIMANO
ALIVIO

The Alivio series has enjoyed great market acceptance since its full model change last year. To enhance the line-up, we will introduce additional new products and specifications, including a 48T crankset, new front derailleur, an eye-catching shifter and our best performing cable disc brake. Available June 2006.

SHIMANO
New **DXR**

After several years of studying the BMX market, our engineers have decided to introduce a component group that will deliver Shimano proven attributes to the race track: quality, durability and performance. Shimano will introduce Shimano DXR, "XTR for BMXers". The group will feature a Saint-based Hollowtech II crankset, new hubset featuring a durable, quick engagement freehub based on new XTR, a V-brake and brake lever set based on Deore, the professional's choice.

Available November 2006.



And NEW for Road in '06/'07

SHIMANO **105**



PD-5600

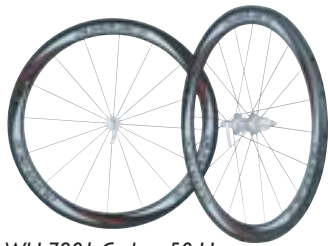
We will add several new options to the Shimano 105 group; a 53 x 39T crankset, 11-25T cassette for compact gearing and a Shimano 105 branded pedal. Available July 2006.

SHIMANO **TIAGRA**



ST-4500

Tiagra has been completely reengineered and remastered with a more refined, more ergonomic design. Tiagra shares our top groups' engineering lineage in a 9-speed system, but has its own unique identity. New Tiagra will offer three crankset options, racing double, compact double and triple. A new upgraded appearance will add value to bikes in this price point. Available August 2006.



WH-7801 Carbon 50 H

New Wheel Technology

Several new additions have been made to enhance our wheel line-up. For the first time ever we will offer an Ultegra and Shimano 105 branded wheelset featuring the Tour de France-proven Dura-Ace wheel technology. Available July 2006.

After several seasons on the pro peloton, the Dura-Ace Carbon 50 wheel with a 50mm high profile carbon rim will finally be ready for retail sales. Available May 2006.

2006 Shimano XTR U.S.

Introduction Schedule

Look for bikes equipped with the complete XTR group from your favorite OEMs and Framebuilders. They will be ready for sale first of August.

It's going to be an **AWESOME** year!

Team Shimano

Sponsorship:

Select Shimano sponsored racers will be on prototype XTR shifters, rear derailleurs, wheels and pedals at Sea Otter in April.

Media

Magazine and other media stories will be published as follows:

April: Rapidfire levers, DCL, rear derailleur, wheels and pedals.

May: Disc brakes

June: Crankset and other components

Shimano Website

Information to coincide with media schedule

Advertising

Ad campaign begins August and runs through Spring 2007

Consumer Events

Prototype samples on display in Shimano booth at Sea Otter April

Official consumer introduction promotion at Cougar Mountain Classic July

Dealers

New product notification April 1

Product delivery at IBD (OE Bikes) August

Product delivery at IBD (After Market) October

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AMERICAN
CORPORATION**

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New Shimano products for 2006-2007 are off the drawing boards and into prototype. As a valuable partner we want you to have early knowledge of the new advances in technology and performance so that you can plan your business. There are several changes and additions to the 2006/7 product line-up. We have outlined them, and also provided availability dates. Any questions: please do not hesitate to contact us.

