microSHIFT



## Gloabal Locations


**Taiwan HQ**
No. 1313-6, Zhong Shan Rd.,
Shen Kang Dist., Taichung, Taiwan
sales@microshift.com.tw
service@microshift.com.tw

**US Office**
6400 W 105th St.
Bloomington, MN 55438, United States
service@microshift.com

**China Facility**
New Industrial Park Mo Ling Village
BaiHua Town HuiDong County
HuiZhou City GuangDong, China




## Follow Us

facebook.com/microSHIFTCycling

instagram.com/microSHIFTOfficial

© 2021 microSHIFT | AD-II Engineering Inc. All Rights Reserved

microSHIFT

# 2021 DRIVETRAIN




## NEW PRODUCTS 01

ADVENT X 01
Acolyte 02

## MOUNTAIN 03

ADVENT X 04
ADVENT 07
Acolyte 11
XCD 14
XLE 11 15
XLE 10 18
marvo LT 23
Mezzo 25
MTB Non-Group 29

## ROAD 35

Centos 11 36
Centos 10 39
R10 42
R9 49
R8 54
Road Non-Group 58

## CITY 63

Internal Gear Hub Shifters 64

## Product Directory 67

Shifters 67
Front Derailleurs 83
Rear Derailleurs 86
Cassette 90

# NEW PRODUCTS







**DEVELOPMENT**
We wanted a new high performance drivetrain with light weight and wide range. We didn't want a bunch of weird new standards or proprietary parts. So, we locked our engineers in a windowless room and put them to work.
The result: ADVENT X — a shred-ready, top of the line MTB drivetrain from your friends at microSHIFT.



**COMFORT & CONTROL**
When your hands are in the right place, you can feel it. Our all new Trail Trigger Pro shifter puts the controls right where your thumb wants them, so you never have to compromise your grip to shift. With an integrated silicone traction pad and our signature "light and clicky" lever action, this might just be your new favorite shifter.



**BIG RANGE, SMALL WEIGHT**
The ADVENT X cassette comes with 10 evenly spaced gears and an 11-48T range, all at an amazingly svelte 424g. The evenly spaced gearing means you won't find yourself shifting twice to find the right gear, and the wide range and light weight mean you'll have to wait for your friends at the top of the hill.

**INTRODUCING: ACOLYTE**
There are plenty of obstacles in the trail – don't let your drivetrain be one of them. Our all-new Acolyte group delivers the wide range and simplicity of a top-of-the-line shifting system, all at a price point that would make sense on your first bike. With rock solid chain retention, intuitive shifting action, and enough gear range to climb a wall, you'll be free to focus on what's important: building your skills.



**Shifter**
The Acolyte shifter takes the learning curve out of changing gears. We designed it to be as simple and intuitive as possible: index finger makes it harder, thumb makes it easier. Add in a crystal clear gear indicator and microSHIFT's signature light yet positive action, and you've got the perfect entry point for your off road adventures.



**SpringLock Derailleur**
The heart of the Acolyte derailleur is our SpringLock system. By pairing a customized linear rate high tension spring and a dual stage activation mechanism, we've developed a system that can provide substantial chain security when you need it and can be turned off when you don't.



**12-46T Cassette**
We built Acolyte around an 8-speed, 12-46T cassette to give you all the range you need to challenge yourself. Whether you're climbing the Cascades or the neighborhood sledding hill, all you have to think about is where to put the bike – Acolyte will take care of the rest.

# MOUNTAIN



**ADVENTX** — Top of the line performance has never been this easy to own. Light weight, wide range, and dialed ergonomics all come together in a package with no proprietary standards. Everything about mountain biking should be this easy.

**ADVENT** — For everything from E-bike to all-mountain, the most durable 1x drivetrain on the market is designed to be ridden hard with no apologies.

**ACOLYTE** — With rock solid chain retention, intuitive shifting action, and enough gear range to climb a wall, you'll be free to focus on what's important: building your skills.

**XCD** — With features like repairable clutch and optimized cable path, XCD delivers range and accuracy in the toughest condition.

**XLE11 XLE10** — By sharing key fetures with microSHIFT's top-end mountain bike groups, XLE brings high end performance to the middle of the pack.

**MARVO LT MEZZO** — Crafted with the same care as our high-end products, these components are designed to perform time and time again.




## ADVENTX

*1 x 10-Speed*

Mountain biking isn't complicated - your drivetrain shouldn't be either. ADVENT X is our widest range and also lightest 1 x 10 MTB group.



NEW **SL-M9605-R / SL-M9505-R / SL-M9605-ER** Trail Trigger Shifters

- Cartridge bearings allow for light and positive actuaion under load
- Precise ergonomics put the shift lever where you want them
- Silicone traction pad provides superior traction
- Single click (SL-M9605-ER) maximizes drivetrain lifetime on ebikes

| Model No. | SL-M9605-R | SL-M9505-R | SL-M9605-ER |
|---|---|---|---|
| Speed | 1 x 10 | 1 x 10 | 1 x 10 |
| Side | Right | Right | Right |
| Shifter Style | Trail Trigger Pro | Trail Trigger | Trail Trigger Pro |
| Bearings | 4 bearings | 2 bearings | 4 bearings |
| Silicone Pad | Yes | No | Yes |
| Indicator | No | No | No |
| Clamp Material | Aluminum | Aluminum | Aluminum |
| Compatibility | ADVENT X Only | ADVENT X Only | ADVENT X Only |
| Weight | 120g | 119g | 120g |

**SL-M9605-R**




**SL-M9505-R**




NEW **SB-M100A** Integrated Drop Bar Shifters

- Left side brake only for 1×10 setups
- Compatible with ADVENT X derailleurs only
- Short reach option SB-M100A(S): reach distance -10mm

| Model No. | SB-M100A |
|---|---|
| Speed | 1 x 10 |
| Side | Pair |
| Shifter Style | Integrated Drop Bar |
| Left side | Brake lever only |
| Brake Actuation | Short Pull |
| Brake Reach | Standard |
| Lever Material | Forged Aluminum |
| Compatibility | ADVENT X Only |
| Weight | 381g |



# ADVENT X 1 x 10-Speed

## NEW RD-M6205AM / RD-M6205GM 1x10 Rear Derailleurs

- Larger pulley and taller teeth for better chain security
- Ratchet-and-pawl clutch provides chain security
- Metric adjustment hardware

| Model No. | RD-M6205AM | RD-M6205GM |
|---|---|---|
| Speed | 1 x 10 | 1 x 10 |
| Cage Length | Medium Cage | Medium Cage |
| Max Cog | 46-48T | 46-48T |
| Chain Capacity | 41T | 41T |
| Clutch | Yes | Yes |
| Cage Material | Aluminum | Steel |
| Compatibility | ADVENT X Only | ADVENT X Only |
| Weight | 313g | 399g |



## NEW CS-G104 Alloy Spider Wide Range Cassette

- Two alloy large cogs and a full alloy spider eliminate unwanted weight
- Continuously molded construction maintains straightness and duability
- Ramped cogs aid in shifting under load

| Model No. | CS-G104 11-48T |
|---|---|
| Speed | 10-Speed |
| Gear Range | 11-48T |
| Surface Finish | 2 Layered ED Black |
| Combination | 11-13-15-18-21-24-28-34-40*-48* |
| Spider | Yes |
| Cog Material | Steel / *Aluminum |
| Hub Compatibility | Standard Freehub |
| Weight | 424g |



## NEW CS-H104 Wide Range Cassette

- Hardened steel cogs stand up to e-bike torque levels
- Continuously molded construction maintains straightness and duability
- Ramped cogs aid in shifting under load

| Model No. | CS-H104 11-48T |
|---|---|
| Speed | 10-Speed |
| Gear Range | 11-48T |
| Surface Finish | 2 Layered ED Black |
| Combination | 11-13-15-18-21-24-28-34-40-48 |
| Spider | No |
| Cog Material | Steel |
| Hub Compatibility | Standard Freehub |
| Weight | 662g |










## SL-M9295-R / SL-M9195-R Trail Trigger Shifters

- Cartridge bearings allow for light and positive actuaion under load
- Precise ergonomics put the shift lever where you want them
- Silicone traction pad provides superior traction

| Model No. | SL-M9295-R | SL-M9195-R |
|---|---|---|
| Speed | 1 x 9 | 1 x 9 |
| Side | Right | Right |
| Shifter Style | Trail Trigger Pro | Trail Trigger |
| Bearings | 4 bearings | 2 bearings |
| Silicone Pad | Yes | No |
| Indicator | No | No |
| Clamp Material | Aluminum | Aluminum |
| Compatibility | ADVENT Only | ADVENT Only |
| Weight | 120g | 119g |

**SL-M9295-R**



**SL-M9195-R**



## SL-M8195 / SL-M819 Flatbar Xpress Shifters

- Xpress light action trigger shifting

| Model No. | SL-M8195-R | SL-M819-R | SL-M819-L |
|---|---|---|---|
| Speed | 1 x 9 | 1 x 9 | 2 x 9 |
| Side | Right | Right | Left |
| Shifter Style | Xpress Trigger | Xpress Trigger | Xpress Trigger |
| Bearing | Yes | No | No |
| Indicator | No | No | No |
| Clamp Material | Aluminum | Aluminum | Aluminum |
| Compatibility | ADVENT Only | ADVENT Only | ADVENT Only |
| Weight | 116g | 112g | 112g |



# ADVENT 1/2 x 9-Speed

## SL-M19-R Flatbar Thumb Shifter

- Low profile CNC machined aluminum body
- Micro adjustment barrel

| Model No. | SL-M19-R |
|---|---|
| Speed | 1 x 9 |
| Side | Right |
| Shifter Style | Flat Bar Thumb Shifter |
| Right Side | Index/Friction |
| Compatibility | ADVENT Only |
| Weight | 64g |



## BS-M19-R Bar End Shifter

- Aluminum construction

| Model No. | BS-M19-R |
|---|---|
| Speed | 1 x 9 |
| Side | Right |
| Shifter Style | Bar End Shifter |
| Right Side | Index/Friction |
| Compatibility | ADVENT Only |
| Weight | 75g |



## SB-M090 Integrated Drop Bar Shifters

- Left side brake lever only
- Compatible with ADVENT 1x9 speed
- Replaceable hood cover
- Short reach option SB-M090(S): reach distance -10mm

| Model No. | SB-M090 | SB-M090-LD |
|---|---|---|
| Speed | 1 x 9 | — |
| Side | Pair | Left |
| Shifter Style | Integrated Drop Bar | Integrated Drop Bar |
| Left side | Brake lever only | Brake & Dropper |
| Brake Actuation | Short Pull | Short Pull |
| Brake Reach | Standard | Standard |
| Lever Material | Forged Aluminum | Forged Aluminum |
| Compatibility | ADVENT Only | Cable Head at Remote |
| Weight | 378g | 200g |



**SB-M090-LD**

# ADVENT *1/2 x 9-Speed*

## RD-M6195M / RD-M619M 1x9 Rear Derailleurs

- Steel medium cage
- Chain stabilizing clutch: RD-M6195M
- Direct cable path for lighter shifting
- Non-clutch option: RD-M619M

| Model No. | RD-M6195M | RD-M619M |
|---|---|---|
| Speed | 9-Speed | 9-Speed |
| Cage Length | Medium Cage | Medium Cage |
| Max Cog | 42-46T | 42-46T |
| Chain Capacity | 41T | 41T |
| Clutch | Yes | No |
| Cage Material | Steel | Steel |
| Compatibility | ADVENT Only | ADVENT Only |
| Weight | 384g | 314g |



RD-M6195M



RD-M619M

## RD-M6195L / RD-M619L 2x9 Rear Derailleurs

- Steel long cage for 2x
- Chain stabilizing clutch: RD-M6195L
- Direct cable path for lighter shifting
- Non-clutch option: RD-M619L

| Model No. | RD-M6195L | RD-M619L |
|---|---|---|
| Speed | 2 x 9 | 2 x 9 |
| Cage Length | Long Cage | Long Cage |
| Max Cog | 42T-46T | 42T-46T |
| Chain Capacity | 47T | 47T |
| Clutch | Yes | No |
| Cage Material | Steel | Steel |
| Compatibility | ADVENT Only | ADVENT Only |
| Weight | 384g | 314g |



RD-M6195L



RD-M619L

## FD-T492 2x9 Trekking Front Derailleur

- Aluminum construction
- Compatible with up to 48T double chainring

| Model No. | FD-T492B |
|---|---|
| Speed | 2 x 9 |
| Mounting | Band Clamp 34.9 (31.8 adaptor)option |
| Derailleur Style | Dual pull |
| Chainstay Angle | 63-68° |
| Top Gear Teeth | 44-48T |
| Capacity | 12-16T |
| Chain Line | 48.8mm |
| Outer Link Material | Aluminum |
| Clamp Material | Aluminum |
| Compatibility | Shimano Mountain |
| Weight | 159g |



## CS-H093 Wide Range Cassettes

- ED Black sprockets
- Steel lock ring

| Model No. | CS-H093A 11-42T | CS-H093 11-42T | CS-H093 11-46T |
|---|---|---|---|
| Speed | 9-Speed | 9-Speed | 9-Speed |
| Gear Range | 11-42T | 11-42T | 11-46T |
| Surface Finish | ED Black | ED Black | ED Black |
| Combination | 11-13-15-18-21-24-28-34-42* | 11-13-15-18-21-24-28-34-42 | 11-13-15-18-21-24-30-37-46 |
| Spider | No | No | No |
| Cog Material | Steel / *Aluminum | Steel | Steel |
| Hub Compatibility | Standard Freehub | Standard Freehub | Standard Freehub |
| Weight | 440g | 530g | 588g |




CS-H093A




# ACOLYTE

*1 x 8-Speed*

Acolyte helps you focus on your ride by removing obstacles and distractions. With simple 1×8 operation, a full mountain bike gear range, and robust SpringLock chain retention, there are only two things left to think about: you and the trail.

## NEW SL-M7180-R Flatbar Xpress Shifter

•Acolyte 8-Speed Right Xpress Shifter With Indicator

| | |
|---|---|
| Model No. | SL-M7180-R |
| Speed | 1 x 8 |
| Side | Right |
| Shifter Style | Xpress Trigger |
| Bearing | No |
| Indicator | Yes |
| Clamp Material | Aluminum |
| Compatibility | Acolyte Only |
| Weight | 139g |




## NEW RD-M5185M / RD-M5180M 1x8 Rear Derailleurs

• Innovative SpringLock chain retention
• Direct path cable routing for smooth and responsive shifting
• Compatible with 12-42T and 12-46T 8-speed cassettes

| | | |
|---|---|---|
| Model No. | RD-M5185M | RD-M5180M |
| Speed | 1 x 8 | 1 x 8 |
| Cage Length | Medium Cage | Medium Cage |
| Max Cog | 42-46T | 42-46T |
| Chain Capacity | 41T | 41T |
| Clutch | Yes | No |
| Cage Material | Steel | Steel |
| Compatibility | Acolyte Only | Acolyte Only |
| Weight | 387.5g | 311g |




RD-M5185M




RD-M5180M

# ACOLYTE *1 x 8-Speed*

## NEW CS-H083 Wide Range Cassettes

• Steel cogs are continuously forged for strength and shifting accuracy

| Model No. | CS-H083 12-42T | CS-H083 12-46T |
|---|---|---|
| Speed | 8-Speed | 8-Speed |
| Gear Range | 12-42T | 12-46T |
| Surface Finish | ED Black | ED Black |
| Combination | 12-15-18-21-24-28-34-42 | 12-15-18-21-24-30-37-46 |
| Spider | No | No |
| Cog Material | Steel | Steel |
| Hub Compatibility | Standard Freehub | Standard Freehub |
| Weight | 505g | 576g |







# XCD *1 x 11 -Speed*

## SL-M861-R Flatbar Xpress+ Shifter

- Xpress+ Technology
- Sealed bearings mechanism
- Low profile forged aluminum clamp
- Extra light shifting

| Model No. | SL-M861-R |
|---|---|
| Speed | 1 x 11 |
| Side | Right |
| Shifter Style | Xpress+ Trigger |
| Bearing | Yes |
| Indicator | No |
| Clamp Material | Forged Aluminum |
| Compatibility | Shimano Mountain |
| Weight | 104g |



## RD-M865M 1x11 Rear Derailleur

- Aluminum medium cage
- Chain stabilizing clutch: RD-M865M
- Direct cable path for lighter shifting

| Model No. | RD-M865M |
|---|---|
| Speed | 11-Speed |
| Cage Length | Medium Cage |
| Max Cog | 40-46T |
| Chain Capacity | 41T |
| Clutch | Yes |
| Cage Material | Aluminum |
| Compatibility | Shimano Mountain |
| Weight | 311g |



## CS-G113 Alloy Spider Wide Range Cassettes

- ED Black sprockets
- Aluminum light weight construction
- Aluminum alloy large cogs and lock ring
- Aluminum alloy spider carrier

| Model No. | CS-G113 11-46T | CS-G113 11-42T |
|---|---|---|
| Speed | 11-Speed | 11-Speed |
| Gear Range | 11-46T | 11-42T |
| Surface Finish | ED Black | ED Black |
| Combination | 11-13-15-18-21-24-28-32-36-40*-46* | 11-13-15-17-19-21-24-28-32-36-42* |
| Spider | Yes | Yes |
| Cog Material | Steel / *Aluminum | Steel / *Aluminum |
| Hub Compatibility | Standard Freehub | Standard Freehub |
| Weight | 556g | 426g |



# XLE11 1/2 x 11-Speed

## SL-M851 Flatbar Xpress Shifters

• Xpress light action trigger shifting

| Model No. | SL-M851-R | SL-M851-2 |
|---|---|---|
| Speed | 1 x 11 | 2 x 11 |
| Side | Right | Pair |
| Shifter Style | Xpress Trigger | Xpress Trigger |
| Bearing | No | No |
| Indicator | No | No |
| Band Material | Aluminum | Aluminum |
| Compatibility | Shimano Mountain | Shimano Mountain |
| Weight | 112g | 225g |



## SB-M110 Integrated Drop Bar Shifters

• Left side brake lever only
• Compatible with MTB 1x11 Speed
• Replaceable hood cover
• Short reach option SB-M110(S): reach distance -10mm

| Model No. | SB-M110 |
|---|---|
| Speed | 1 x 11 |
| Side | Pair |
| Shifter Style | Integrated Drop Bar |
| Left side | Brake lever only |
| Brake Actuation | Short Pull |
| Brake Reach | Standard |
| Lever Material | Forged Aluminum |
| Compatibility | Shimano Mountain |
| Weight | 378g |




## RD-M665M / RD-M66M 1x11 Rear Derailleurs

• Steel medium cage
• Chain stabilizing clutch: RD-M665M
• Direct cable path for lighter shifting
• Non-clutch option: RD-M66M

| Model No. | RD-M665M | RD-M66M |
|---|---|---|
| Speed | 11-Speed | 11-Speed |
| Cage Length | Medium Cage | Medium Cage |
| Max Cog | 40-46T | 40-46T |
| Chain Capacity | 41T | 41T |
| Clutch | Yes | No |
| Cage Material | Steel | Steel |
| Compatibility | Shimano Mountain | Shimano Mountain |
| Weight | 379g | 309g |




# XLE11 1/2 x 11-Speed


## RD-M665L / RD-M66L 2x11 Rear Derailleurs

• Steel long cage for 2x
• Chain stabilizing clutch: RD-M665L
• Direct cable path for lighter shifting
• Non-clutch option: RD-M66L

| Model No. | RD-M665L | RD-M66L |
|---|---|---|
| Speed | 11-Speed | 11-Speed |
| Cage Length | Long Cage | Long Cage |
| Max Cog | 40-46T | 40-46T |
| Chain Capacity | 47T | 47T |
| Clutch | Yes | No |
| Cage Material | Steel | Steel |
| Compatibility | Shimano Mountain | Shimano Mountain |
| Weight | 380g | 310g |



## FD-M622 2x11 MTB Front Derailleurs

• Aluminum construction

| Model No. | FD-M622-D | FD-M622-B |
|---|---|---|
| Speed | 2 x 11 | 2 x 11 |
| Mounting | Direct Mount | Band Clamp 34.9 (31.8 adaptor)option |
| Derailleur Style | Dual pull | Dual pull |
| Chainstay Angle | 66-69° | 66-69° |
| Top Gear Teeth | 34-38T | 34-38T |
| Capacity | 10T | 10T |
| Chain Line | 48.8mm | 48.8mm |
| Outer Link Material | Aluminum | Aluminum |
| Clamp Material | Aluminum | Aluminum |
| Compatibility | Shimano Mountain | Shimano Mountain |
| Weight | 135g | 149g |




## FD-M622G-B 2x11 Trekking Front Derailleur

• Aluminum construction
• Compatible with up to 46T double chainring

| Model No. | FD-M622G-B |
|---|---|
| Speed | 2 x11 |
| Mounting | Band Clamp 34.9 (31.8 adaptor)option |
| Derailleur Style | Dual pull |
| Chainstay Angle | 63-66° |
| Top Gear Teeth | 42-46T |
| Capacity | 12T |
| Chain Line | 48.8mm |
| Outer Link Material | Aluminum |
| Clamp Material | Aluminum |
| Compatibility | Shimano Mountain |
| Weight | 149g |



# XLE11 *1/2 x 11-Speed*

## CS-H113 Wide Range Cassettes

- ED Black sprockets
- Steel lock ring

| Model No. | CS-H113 11-46T | CS-H113 11-42T | CS-H113 11-40T |
|---|---|---|---|
| Speed | 11-Speed | 11-Speed | 11-Speed |
| Gear Range | 11-46T | 11-42T | 11-40T |
| Surface Finish | ED Black | ED Black | ED Black |
| Combination | 11-13-15-18-21-24-28-32-36-40-46* | 11-13-15-17-19-21-24-28-32-36-42* | 11-13-15-17-19-21-24-28-32-36-40 |
| Spider | No | No | No |
| Cog Material | Steel / *Aluminum | Steel / *Aluminum | Steel |
| Hub Compatibility | Standard Freehub | Standard Freehub | Standard Freehub |
| Weight | 686g | 557g | 617g |




# XLE10 *1/2/3 x 10-Speed*

## SL-M850 Flatbar Xpress Shifters

- Xpress light action trigger shifting

| Model No. | SL-M850-R | SL-M850-2 | SL-M850-3 |
|---|---|---|---|
| Speed | 1 x 10 | 2 x 10 | 3 x 10 |
| Side | Right | Pair | Pair |
| Shifter Style | Xpress Trigger | Xpress Trigger | Xpress Trigger |
| Bearing | No | No | No |
| Indicator | No | No | No |
| Clamp Material | Aluminum | Aluminum | Aluminum |
| Compatibility | Shimano Mountain | Shimano Mountain | Shimano Mountain |
| Weight | 112g | 225g | 225g |



## SL-M760 Flatbar Xpress Shifters

- Optical gear indicator
- Aluminum shift lever

| Model No. | SL-M760-2 | SL-M760-3 |
|---|---|---|
| Speed | 2 x 10 | 3 x 10 |
| Side | Pair | Pair |
| Shifter Style | Xpress Trigger | Xpress Trigger |
| Bearing | No | No |
| Indicator | Yes | Yes |
| Clamp Material | Aluminum | Aluminum |
| Lever Material | Aluminum | Aluminum |
| Compatibility | Shimano Mountain | Shimano Mountain |
| Weight | 286g | 286g |




## SB-M100 1x10 Integrated Drop Bar Shifters

- Left side brake lever only
- Compatible with MTB 1x10 speed
- Replaceable hood cover
- Short reach option SB-M100(S): reach distance -10mm

| Model No. | SB-M100 |
|---|---|
| Speed | 1 x 10 |
| Side | Pair |
| Shifter Style | Integrated Drop Bar |
| Left side | Brake lever only |
| Brake Actuation | Short Pull |
| Brake Reach | Standard |
| Lever Material | Forged Aluminum |
| Compatibility | Shimano Mountain |
| Weight | 378g |



# XLE10 1/2/3 x 10-Speed

## RD-M665M / RD-M66M 1x10 Rear Derailleurs

- Steel medium cage
- Chain stabilizing clutch: RD-M665M
- Direct cable path for lighter shifting
- Non-clutch option: RD-M66M

| Model No. | RD-M665M | RD-M66M |
|---|---|---|
| Speed | 10-Speed | 10-Speed |
| Cage Length | Medium Cage | Medium Cage |
| Max Cog | 40-46T | 40-46T |
| Chain Capacity | 41T | 41T |
| Clutch | Yes | No |
| Cage Material | Steel | Steel |
| Compatibility | Shimano Mountain | Shimano Mountain |
| Weight | 373g | 301g |



## RD-M62L Rear Derailleur

- Aluminum outer link

| Model No. | RD-M62L |
|---|---|
| Speed | 10-Speed |
| Cage Length | Long Cage |
| Max Cog | 36-42T |
| Chain Capacity | 47T |
| Clutch | No |
| Cage Material | Steel |
| Compatibility | Shimano Mountain |
| Weight | 285g |




## RD-M61 Rear Derailleurs

- Aluminum outer link

| Model No. | RD-M61L | RD-M61S |
|---|---|---|
| Speed | 2/3 x 10 | 1/2 x 10 |
| Cage Length | Long Cage | Short Cage |
| Max Cog | 32-36T | 32-36T |
| Chain Capacity | 43T | 35T |
| Clutch | No | No |
| Cage Material | Steel | Steel |
| Compatibility | Shimano Mountain | Shimano Mountain |
| Weight | 281g | 270g |






XLE10 1/2/3 x 10-Speed

## FD-M612 2x10 Front Derailleurs

- Aluminum construction

| Model No. | FD-M612-D | FD-M612-B |
|---|---|---|
| Speed | 2 x 10 | 2 x 10 |
| Mounting | Direct Mount | Band Clamp 34.9 (31.8 adaptor) |
| Derailleur Style | Dual pull | Dual pull |
| Chainstay Angle | 66-69° | 66-69° |
| Top Gear Teeth | 38-44T | 38-44T |
| Capacity | 14T | 14T |
| Chain Line | 48.8mm | 48.8mm |
| Outer Link Material | Aluminum | Aluminum |
| Clamp Material | Aluminum | Aluminum |
| Compatibility | Shimano Mountain | Shimano Mountain |
| Weight | 142g | 156g |



## FD-M613 3x10 Front Derailleurs

- Aluminum construction
- Compatible with 42-32-24T or 40-30-22T cranksets

| Model No. | FD-M613-D | FD-M613-B |
|---|---|---|
| Speed | 3 x 10 | 3 x 10 |
| Mounting | Direct Mount | Band Clamp 34.9 (31.8 adaptor) |
| Derailleur Style | Dual pull | Dual pull |
| Chainstay Angle | 66-69° | 66-69° |
| Top Gear Teeth | 40-42T | 40-42T |
| Capacity | 18T | 18T |
| Chain Line | 50mm | 50mm |
| Outer Link Material | Aluminum | Aluminum |
| Clamp Material | Aluminum | Aluminum |
| Compatibility | Shimano Mountain | Shimano Mountain |
| Weight | 144g | 158g |



## CS-H103 Wide Range Cassettes

- ED Black sprockets
- Steel lock ring

| Model No. | CS-H103A 11-42T | CS-H103 11-40T |
|---|---|---|
| Speed | 10-Speed | 10-Speed |
| Gear Range | 11-42T | 11-40T |
| Surface Finish | ED Black | ED Black |
| Combination | 11-13-15-18-21-24-28-32-36-42* | 11-13-15-18-21-24-28-32-36-40 |
| Spider | No | No |
| Cog Material | Steel / *Aluminum | Steel |
| Hub Compatibility | Standard Freehub | Standard Freehub |
| Weight | 536g | 595g |



# XLE10 *1/2/3 x 10-Speed*

## CS-G100 Alloy Spider Cassette

- Chrome plated sprockets
- Aluminum lock ring

| Model No. | CS-G100 11-36T |
|---|---|
| Speed | 10-speed |
| Gear Range | 11-36T |
| Surface Finish | Chrome Plated |
| Combination | 11-13-15-17-19-21-24-28-32-36 |
| Spider | Yes |
| Cog Material | Steel |
| Hub Compatibility | Standard Freehub |
| Weight | 357g |




## CS-H100 10-Speed Cassettes

- Chrome plated sprockets
- Steel lock ring

| Model No. | CS-H100 11-36T | CS-H100 11-34T | CS-H100 11-32T |
|---|---|---|---|
| Speed | 10-Speed | 10-Speed | 10-Speed |
| Gear Range | 11-36T | 11-34T | 11-32T |
| Surface Finish | Chrome Plated | Chrome Plated | Chrome Plated |
| Combination | 11-13-15-17-19-21-24-28-32-36 | 11-12-13-15-17-19-21-24-28-34 | 11-12-13-15-17-19-21-24-28-32 |
| Spider | No | No | No |
| Cog Material | Steel | Steel | Steel |
| Hub Compatibility | Standard Freehub | Standard Freehub | Standard Freehub |
| Weight | 446g | 377g | 351g |







## SL-M859 Flatbar Xpress Shifters

• Xpress light action trigger shifting

| Model No. | SL-M859 |
|---|---|
| Speed | 2/3 x 9 |
| Side | Pair |
| Shifter Style | Xpress Trigger |
| Bearing | No |
| Indicator | No |
| Clamp Material | Aluminum |
| Compatibility | Shimano Mountain |
| Weight | 225g |



## SL-M759 Flatbar Xpress Shifters

• Optical gear indicator

| Model No. | SL-M759-3 |
|---|---|
| Speed | 3 x 9 |
| Side | Pair |
| Shifter Style | Xpress Trigger |
| Bearing | No |
| Indicator | Yes |
| Clamp Material | Aluminum |
| Lever Material | Composite |
| Compatibility | Shimano Mountain |
| Weight | 271g |



## RD-M46 Rear Derailleurs

• Metal construction

| Model No. | RD-M46L | RD-M46S |
|---|---|---|
| Speed | 2/3 x 9 | 1/2 x 9 |
| Cage Length | Long Cage | Short Cage |
| Max Cog | 28-36T | 28-36T |
| Chain Capacity | 45T | 39T |
| Body Material | Steel | Steel |
| Outer Link Material | Aluminum | Aluminum |
| Compatibility | Shimano Mountain | Shimano Mountain |
| Weight | 317g | 307g |





MARVO LT 2/3 x 9-Speed

## FD-M462 2x9 Front Derailleurs

• Aluminum construction

| Model No. | FD-M462-D | FD-M462-B |
|---|---|---|
| Speed | 2 x 9 | 2 x 9 |
| Mounting | Direct Mount | Band Clamp 34.9 (31.8 adaptor) |
| Derailleur Style | Dual pull | Dual pull |
| Chainstay Angle | 66-69° | 66-69° |
| Capacity | 14T | 14T |
| Top Gear Teeth | 34-42T | 34-42T |
| Chain Line | 48.8mm | 48.8mm |
| Outer Link Material | Aluminum | Aluminum |
| Clamp Material | Aluminum | Aluminum |
| Compatibility | Shimano Mountain | Shimano Mountain |
| Weight | 140g | 154g |



## FD-M43 3x9 Front Derailleur

• Compatible with 44-32-22T crankset

| Model No. | FD-M43 |
|---|---|
| Speed | 3 x 9 |
| Mounting | Band Clamp 34.9 (31.8 / 28.6 adaptor) |
| Derailleur Style | Dual pull |
| Chainstay Angle | 66-69° |
| Top Gear Teeth | 44T |
| Capacity | 22T |
| Chain Line | 50/47.5mm |
| Outer Link Material | Steel |
| Clamp Material | Steel / Aluminum |
| Compatibility | Shimano Mountain |
| Weight | 150g |



## CS-H092 9-Speed Cassettes

• Nickel plated sprockets
• Steel lock ring

| Model No. | CS-H092 11-36T | CS-H092 11-34T | CS-H092 11-32T |
|---|---|---|---|
| Speed | 9-Speed | 9-Speed | 9-Speed |
| Gear Range | 11-36T | 11-34T | 11-32T |
| Surface Finish | Nickel Plated | Nickel Plated | Nickel Plated |
| Combination | 11-13-15-18-21-24-28-32-36 | 11-13-15-17-19-21-24-28-34 | 11-13-15-17-19-21-24-28-32 |
| Spider | No | No | No |
| Cog Material | Steel | Steel | Steel |
| Hub Compatibility | Standard Freehub | Standard Freehub | Standard Freehub |
| Weight | 442g | 363g | 337g |



## TS39-2 Flatbar 2x Thumb-Tap Shifters

- Light shifting design
- Entry level shifters
- Index for left and right sides

| Model No. | TS39-29 | TS39-28 |
|---|---|---|
| Speed | 2 x 9 | 2 x 8 |
| Side | Pair | Pair |
| Shifter Style | Thumb-Tap | Thumb-Tap |
| Bearing | No | No |
| Indicator | Yes | Yes |
| Clamp Material | Steel / Composite | Steel / Composite |
| Lever Material | Steel / Composite | Steel / Composite |
| Compatibility | Shimano Mountain | Shimano Mountain |
| Weight | 242g | 242g |



## TS39 Flatbar 3x Thumb-Tap Shifters

- Light shifting design
- Entry level shifters
- Index for left and right sides

| Model No. | TS39-9 | TS39-8 |
|---|---|---|
| Speed | 3 x 9 | 3 x 8 |
| Side | Pair | Pair |
| Shifter Style | Thumb-Tap | Thumb-Tap |
| Bearing | No | No |
| Indicator | Yes | Yes |
| Clamp Material | Steel / Composite | Steel / Composite |
| Lever Material | Steel / Composite | Steel / Composite |
| Compatibility | Shimano Mountain | Shimano Mountain |
| Weight | 242g | 242g |

| Model No. | TS39-7 | TS39-6 |
|---|---|---|
| Speed | 3 x 7 | 3 x 6 |
| Side | Pair | Pair |
| Shifter Style | Thumb-Tap | Thumb-Tap |
| Bearing | No | No |
| Indicator | Yes | Yes |
| Clamp Material | Steel / Composite | Steel / Composite |
| Lever Material | Steel / Composite | Steel / Composite |
| Compatibility | Shimano Mountain | Shimano Mountain |
| Weight | 242g | 242g |





mezzo 2/3 x 7/8/9-Speed

## RD-M36 Rear Derailleurs

- Steel cage

| Model No. | RD-M36L | RD-M36S |
|---|---|---|
| Speed | 2/3 x 8/9 | 1/2 x 8/9 |
| Cage Length | Long Cage | Short Cage |
| Max Cog | 28-36T | 28-36T |
| Chain Capacity | 45T | 39T |
| Body Material | Aluminum | Aluminum |
| Outer Link Material | Composite | Composite |
| Compatibility | Shimano Mountain | Shimano Mountain |
| Weight | 306g | 293g |



## FD-T392 / FD-T382 / FD-M382 2x9/8 Front Derailleurs

| Model No. | FD-T392 | FD-T382 | FD-M382B |
|---|---|---|---|
| Speed | 2 x 9 | 2 x 8 | 2 x 8 |
| Mounting | Band Clamp 34.9 (31.8 / 28.6 adaptor) | Band Clamp 34.9 (31.8 / 28.6 adaptor) | Band Clamp 34.9 (31.8 / 28.6 adaptor) |
| Derailleur Style | Dual pull | Dual pull | Dual pull |
| Chainstay Angle | 63-68° | 63-68° | 64-69° |
| Top Gear Teeth | 44-48T | 44-48T | 34-38T |
| Capacity | 12-16T | 12-16T | 10-14T |
| Chain Line | 48.8mm | 48.8mm | 48.8mm |
| Outer Link Material | Steel | Steel | Steel |
| Clamp Material | Steel / Aluminum | Steel / Aluminum | Steel / Aluminum |
| Compatibility | Shimano Mountain | Shimano Mountain | Shimano Mountain |
| Weight | 170g | 170g | 167g |



## FD-M292 / FD-M282 / FD-T202 2x9/8/7 Front Derailleurs

| Model No. | FD-M292 | FD-M282 | FD-T202 |
|---|---|---|---|
| Speed | 2 x 9 | 2 x 8 | 2 x 7/8 |
| Mounting | Band Clamp 34.9 (31.8/ 28.6 adaptor) | Band Clamp 34.9 (31.8 / 28.6adaptor) | Band Clamp 34.9 (31.8/ 28.6 adaptor) |
| Derailleur Style | Dual pull | Dual pull | Dual pull |
| Chainstay Angle | 64-69° | 64-69° | 63-68° |
| Top Gear Teeth | 34-38T | 34-38T | 40-46T |
| Capacity | 10-14T | 10-14T | 8-16T |
| Chain Line | 48.8mm | 48.8mm | 48.8mm |
| Outer Link Material | Steel | Steel | Steel |
| Clamp Material | Steel / Aluminum | Steel / Aluminum | Steel / Aluminum |
| Compatibility | Shimano Mountain | Shimano Mountain | Shimano Mountain |
| Weight | 141g | 141g | 140g |

**FD-M282**



**FD-T202**



## FD-M22 / FD-M20 / FD-M30 3x7/8 Front Derailleurs

| Model No. | FD-M30 | FD-M20 | FD-M22 |
|---|---|---|---|
| Speed | 42-32-22T x 8 | 42-34-24T x 7/8 | 48-38-28T x 7/8 |
| Mounting | Band Clamp 34.9 (31.8 / 28.6 adaptor) | Band Clamp 34.9 (31.8 / 28.6 adapter) | Band Clamp 34.9 (31.8 / 28.6 adapter) |
| Derailleur Style | Dual pull | Dual pull | Dual pull |
| Chainstay Angle | 66-69° | 66-69° | 66-69° |
| Top Gear Teeth | 42T | 42T | 48T |
| Capacity | 20T | 18T | 20T |
| Chain Line | 50/47.5mm | 50/47.5mm | 50/47.5mm |
| Outer Link Material | Aluminum | Aluminum | Aluminum |
| Clamp Material | Steel / Aluminum | Steel / Aluminum | Steel / Aluminum |
| Compatibility | Shimano Mountain | Shimano Mountain | Shimano Mountain |
| Weight | 146g | 143g | 152g |



FD-M30



FD-M20



FD-M22

## CS-H082 8-Speed Cassettes

- Nickel plated sprockets
- Steel lock ring

| Model No. | CS-H082 11-34T | CS-H082 11-32T | CS-H082 12-32T |
|---|---|---|---|
| Speed | 8-Speed | 8-Speed | 8-Speed |
| Gear Range | 11-34T | 11-32T | 12-32T |
| Surface Finish | Nickel Plated | Nickel Plated | Nickel Plated |
| Combination | 11-13-15-18-21-24-28-34 | 11-13-15-18-21-24-28-32 | 12-13-15-18-21-24-28-32 |
| Spider | No | No | No |
| Cog Material | Steel | Steel | Steel |
| Hub Compatibility | Standard Freehub | Standard Freehub | Standard Freehub |
| Weight | 344g | 318g | 339g |



## CS-H081 8-Speed Cassettes

- Black sprockets
- Steel lock ring

| Model No. | CS-H081 11-34T | CS-H081 11-32T | CS-H081 12-32T |
|---|---|---|---|
| Speed | 8-Speed | 8-Speed | 8-Speed |
| Gear Range | 11-34T | 11-32T | 12-32T |
| Surface Finish | Black | Black | Black |
| Combination | 11-13-15-18-21-24-28-34 | 11-13-15-18-21-24-28-32 | 12-13-15-18-21-24-28-32 |
| Spider | No | No | No |
| Cog Material | Steel | Steel | Steel |
| Hub Compatibility | Standard Freehub | Standard Freehub | Standard Freehub |
| Weight | 344g | 318g | 339g |





mezzo 2/3 x 7/8/9-Speed

## CS-H072 7-Speed Cassette

- Nickel plated sprockets
- Steel lock ring

| Model No. | CS-H072 12-28T |
|---|---|
| Speed | 7-Speed |
| Gear Range | 12-28T |
| Surface Finish | Nickel Plated |
| Combination | 12-13-15-18-21-24-28 |
| Spider | No |
| Cog Material | Steel |
| Hub Compatibility | Standard Freehub |
| Weight | 261g |



## CS-H071 7-Speed Cassette

- Black sprockets
- Steel lock ring

| Model No. | CS-H071 12-28T |
|---|---|
| Speed | 7-Speed |
| Gear Range | 12-28T |
| Surface Finish | Black |
| Combination | 12-13-15-18-21-24-28 |
| Spider | No |
| Cog Material | Steel |
| Hub Compatibility | Standard Freehub |
| Weight | 261g |



## SL-M12-R / SL-SR-M12-R Flatbar Thumb Shifters

- Low profile CNC machined aluminum body
- Micro adjustment barrels

| Model No. | SL-M12-R | SL-SR-M12-R |
|---|---|---|
| Speed | 1 x 12 | 1 x 12 |
| Side | Right | Right |
| Shifter Style | Flat Bar Thumb Shifter | Flat Bar Thumb Shifter |
| Right Side | Index/Friction | Index/Friction |
| Compatibility | Shimano Mountain | SRAM Mountain |
| Weight | 64g | 64g |



## BS-M12-R / BS-SR-M12-R Rear Derailleurs

- Aluminum construction

| Model No. | BS-M12-R | BS-SR-M12-R |
|---|---|---|
| Speed | 1 x 12 | 1 x 12 |
| Side | Right | Right |
| Shifter Style | Bar End Shifter | Bar End Shifter |
| Right Side | Index/Friction | Index/Friction |
| Compatibility | Shimano Mountain | SRAM Mountain |
| Weight | 75g | 75g |



## SL-M11 / SL-SR-M11-R Flatbar Thumb Shifters

- Low profile CNC machined aluminum body
- Micro adjustment barrels

| Model No. | SL-M11 | SL-M11-R | SL-SR-M11-R |
|---|---|---|---|
| Speed | 2/3 x 11 | 1 x 11 | 1 x 11 |
| Side | Pair | Right | Right |
| Shifter Style | Flat Bar Thumb Shifter | Flat Bar Thumb Shifter | Flat Bar Thumb Shifter |
| Left Side | Friction | — | — |
| Right Side | Index/Friction | Index/Friction | Index/Friction |
| Compatibility | Shimano Mountain | Shimano Mountain | SRAM Mountain |
| Weight | 128g | 64 g | 64g |







## BS-M11 / BS-SR-M11-R Bar End Shifters

- Aluminum construction

| Model No. | BS-M11 | BS-M11-R | BS-SR-M11-R |
|---|---|---|---|
| Speed | 2/3 x 11 | 1 x 11 | 1 x 11 |
| Side | Pair | Right | Right |
| Shifter Style | Bar End Shifter | Bar End Shifter | Bar End Shifter |
| Left Side | Friction | — | — |
| Right Side | Index / Friction | Index / Friction | Index / Friction |
| Compatibility | Shimano Mountain | Shimano Mountain | SRAM Mountain |
| Weight | 150g | 75 g | 75g |



## SL-M10 Flatbar Thumb Shifters

- Low profile CNC machined aluminum body
- Micro adjustment barrels

| Model No. | SL-M10 | SL-M10-R |
|---|---|---|
| Speed | 2/3 x 10 | 1 x 10 |
| Side | Pair | Right |
| Left Side | Friction | — |
| Right Side | Index/Friction | Index/Friction |
| Shifter Style | Flat Bar Thumb Shifter | Flat Bar Thumb Shifter |
| Compatibility | Shimano Mountain | Shimano Mountain |
| Weight | 128g | 64g |



## BS-M10 Bar End Shifters

- Aluminum construction

| Model No. | BS-M10 | BS-M10-R |
|---|---|---|
| Speed | 2/3 x 10 | 1 x 10 |
| Side | Pair | Right |
| Left Side | Friction | — |
| Right Side | Index/Friction | Index/Friction |
| Shifter Style | Bar End Shifter | Bar End Shifter |
| Compatibility | Shimano Mountain | Shimano Mountain |
| Weight | 150g | 75 g |



# MTB Non-Group Components

## TS38-2 Flatbar Thumb-Tap Shifters

- Light shifting design
- Economical design
- Optical gear indicator

| Model No. | TS38-29 | TS38-28 |
|---|---|---|
| Speed | 2 x 9 | 2 x 8 |
| Side | Pair | Pair |
| Shifter Style | Thumb-Tap | Thumb-Tap |
| Bearing | No | No |
| Indicator | Yes | Yes |
| Clamp Material | Composite | Composite |
| Lever Material | Steel / Composite | Steel / Composite |
| Compatibility | Shimano Mountain | Shimano Mountain |
| Weight | 242g | 242g |



## TS38 Flatbar Thumb-Tap Shifters

- Light shifting design
- Economical design
- Optical gear indicator

| Model No. | TS38-9 | TS38-8 |
|---|---|---|
| Speed | 3 x 9 | 3 x 8 |
| Side | Pair | Pair |
| Shifter Style | Thumb-Tap | Thumb-Tap |
| Bearing | No | No |
| Indicator | Yes | Yes |
| Clamp Material | Composite | Composite |
| Lever Material | Steel / Composite | Steel / Composite |
| Compatibility | Shimano Mountain | Shimano Mountain |
| Weight | 242g | 242g |

| Model No. | TS38-7 | TS38-6 |
|---|---|---|
| Speed | 3 x 7 | 3 x 6 |
| Side | Pair | Pair |
| Shifter Style | Thumb-Tap | Thumb-Tap |
| Bearing | No | No |
| Indicator | Yes | Yes |
| Clamp Material | Composite | Composite |
| Lever Material | Steel / Composite | Steel / Composite |
| Compatibility | Shimano Mountain | Shimano Mountain |
| Weight | 242g | 242g |





# MTB Non-Group Components

## TS71 Flatbar Thumb-Tap Shifters

- Short stroke design
- Index for left and right sides

| Model No. | TS71-9 | TS71-8 |
|---|---|---|
| Speed | 3 x 9 | 3 x 8 |
| Side | Pair | Pair |
| Shifter Style | Thumb-Tap | Thumb-Tap |
| Bearing | No | No |
| Indicator | Yes | Yes |
| Clamp Material | Aluminum | Aluminum |
| Lever Material | Steel / Composite | Steel /Composite |
| Compatibility | Shimano Mountain | Shimano Mountain |
| Weight | 282g | 282g |




## DS45 Smart Deck Twist Shifter

- Low torque light shifting
- Intuitive gear indicator design
- Designed for young riders

| Model No. | DS45-7R |
|---|---|
| Speed | 7-Speed |
| Side | Right |
| Indicator | Yes |
| Shifter Style | Twist |
| Compatibility | Shimano Mountain |
| Weight | 88g |



## DS85 Twist Type Shifters

- Compact twist type shifter
- Left shifter options: index left shifter or (F) friction left shifter

| Model No. | DS85-9/9F | DS85-8/8F | DS85-7/7F |
|---|---|---|---|
| Speed | 3 x 9 | 3 x 8 | 3 x 7 |
| Side | Pair | Pair | Pair |
| Left Side | Index/(F)Friction | Index/(F)Friction | Index/(F)Friction |
| Right Side | Index | Index | Index |
| Indicator | Yes | Yes | Yes |
| Shifter Style | Twist | Twist | Twist |
| Compatibility | Shimano Mountain | Shimano Mountain | Shimano Mountain |



# MTB Non-Group Components

## MS25 Twist Type Shifters

• Standard twist type shifter with knurled grips
• Left shifter options: index left shifter or (F) friction left shifter

| Model No. | MS25-8/8F | MS25-7/7F | MS25-6/6F |
|---|---|---|---|
| Speed | 3 x 8 | 3 x 7 | 3 x 6 |
| Side | Pair | Pair | Pair |
| Left Side | Index/(F)Friction | Index/(F)Friction | Index/(F)Friction |
| Right Side | Index | Index | Index |
| Indicator | No | No | No |
| Shifter Style | Twist | Twist | Twist |
| Compatibility | Shimano Mountain | Shimano Mountain | Shimano Mountain |



## MS29 Twist Type Shifters

• Standard twist type shifter with textured grips
• Left shifter options: index left shifter or (F) friction left shifter

| Model No. | MS29-8/8F | MS29-7/7F | MS29-6/6F |
|---|---|---|---|
| Speed | 3 x 8 | 3 x 7 | 3 x 6 |
| Side | Pair | Pair | Pair |
| Left Side | Index/(F)Friction | Index/(F)Friction | Index/(F)Friction |
| Right Side | Index | Index | Index |
| Indicator | No | No | No |
| Shifter Style | Twist | Twist | Twist |
| Compatibility | Shimano Mountain | Shimano Mountain | Shimano Mountain |



## MS12 Twist Type Shifters

• Economical twist type shifter
• Left shifter options: index left shifter or (F) friction left shifter

| Model No. | MS12-7/7F | MS12-6/6F |
|---|---|---|
| Speed | 3 x 7 | 3 x 6 |
| Side | Pair | Pair |
| Left Side | Index/(F)Friction | Index/(F)Friction |
| Right Side | Index | Index |
| Indicator | No | No |
| Shifter Style | Twist | Twist |
| Compatibility | Shimano Mountain | Shimano Mountain |





# MTB Non-Group Components

## RD-M26 7/8 Speed Rear Derailleurs

• Composite and steel construction
• Suitable for entry level bikes

| Model No. | RD-M26L | RD-M26S |
|---|---|---|
| Speed | 2/3 x 7/8 | 1/2 x 7/8 |
| Cage Length | Long Cage | Short Cage |
| Min Cog | 11-12T | 11-12T |
| Max Cog | 28-36T | 28-36T |
| Chain Capacity | 45T | 39T |
| Body Material | Composite | Composite |
| Outer Link Material | Composite | Composite |
| Compatibility | Shimano Mountain | Shimano Mountain |
| Weight | 294g | 284g |



## RD-M26C 7/8 Speed Rear Derailleurs

• Composite and steel construction
• Suitable for entry level bikes

| Model No. | RD-M26CL | RD-M26CS |
|---|---|---|
| Speed | 2/3 x 7/8 | 1/2 x 7/8 |
| Cage Length | Long Cage | Short Cage |
| Min Cog | 13-14T | 13-14T |
| Max Cog | 28-34T | 28-34T |
| Chain Capacity | 45T | 39T |
| Body Material | Composite | Composite |
| Outer Link Material | Composite | Composite |
| Compatibility | Shimano Mountain | Shimano Mountain |
| Weight | 299g | 274g |



RD-M26CL RD-M26CS

## RD-M21 6/7 Speed Rear Derailleurs

• Composite and steel construction
• Suitable for entry level bikes

| Model No. | RD-M21L/LA | RD-M21S/SA | RD-M21SS/SSA |
|---|---|---|---|
| Speed | 2/3 x 6/7 | 2 x 6/7 | 1 x 6/7 |
| Cage Length | Long Cage | Short Cage | Super Short Cage |
| Max Cog | 28-30T | 28-30T | 28-30T |
| Min Cog | 13-14T | 13-14T | 13-14T |
| Chain Capacity | 43T | 37T | 21T |
| Body Material | Steel / Composite | Steel / Composite | Steel / Composite |
| Outer Link Material | Steel / Composite | Steel / Composite | Steel / Composite |
| Compatibility | Shimano Mountain | Shimano Mountain | Shimano Mountain |
| Weight | 271g (L) | 269g(S) | 241g(SS) |



RD-M21L RD-M21LA RD-M21S RD-M21SS

# ROAD



**CENTOS 11**
**CENTOS 10**

With all the design cues of our top-level road products in a more attainable package, Centos can be raced or ridden at any level.

**R10**
**R9**
**R8**

These classically styled road components continue a tradition of performance and durability that dates back to our inception.

## CENTOS 11 *2 x 11-Speed*

### SB-R512B Integrated Drop Bar Shifters

- Internally routed cables
- Independent shift levers
- Replaceable hood cover
- Adjustable reach (0~12mm)

| Model No. | SB-R512B-BK |
|---|---|
| Speed | 2 x 11 |
| Side | Pair |
| Shifter Style | Integrated Drop Bar |
| Brake Reach | Adjustable |
| Lever Material | Forged Aluminum |
| Compatibility | Shimano Road |
| Weight | 498g |



### SL-R861 Flatbar Xpress+ Shifters

- Xpress+ Technology
- Sealed bearings mechanism
- Low profile forged aluminum clamp
- Extra light shifting
- Trim function on left shifter

| Model No. | SL-R861 |
|---|---|
| Speed | 2 x 11 |
| Side | Pair |
| Shifter Style | Xpress+ Trigger |
| Bearing | Yes |
| Indicator | No |
| Clamp Material | Forged Aluminum |
| Compatibility | Shimano Road |
| Weight | 205g |



### SL-R761 Flatbar Xpress+ Shifters

- Xpress+ Technology
- Optimcal gear indicator
- Sealed bearings mechanism
- Aluminum shift Lever
- Trim function on left shifter

| Model No. | SL-R761 |
|---|---|
| Speed | 2 x 11 |
| Side | Pair |
| Shifter Style | Xpress+ Trigger |
| Bearing | Yes |
| Indicator | Yes |
| Clamp Material | Aluminum |
| Lever Material | Aluminum |
| Compatibility | Shimano Road |
| Weight | 292g |



# CENTOS 11 *2 x 11-Speed*

## BS-A11 Bar End Shifters

• Aluminum construction

| | |
|---|---|
| Model No. | BS-A11 |
| Speed | 2 x 11 |
| Shifter Style | Bar End Shifter |
| Side | Pair |
| Left | Friction |
| Right | Index |
| Compatibility | Shimano Road |
| Weight | 140g |



## SL-A11 Flatbar Thumb Shifters

• Low profile CNC machined aluminum body
• Micro adjustment barrels

| | |
|---|---|
| Model No. | SL-A11 |
| Speed | 2 x 11 |
| Shifter Style | Flat Bar Thumb Shifter |
| Side | Pair |
| Left Side | Friction |
| Right Side | Index |
| Compatibility | Shimano Road |
| Weight | 112g |



## FD-R58 Front Derailleurs

• Cold forged aluminum bracket
• Cold forged inner & outer links

| Model No. | FD-R58-F-BK | FD-R58-B-BK |
|---|---|---|
| Speed | 2 x 11 | 2 x 11 |
| Mounting | Braze On | Band Clamp 34.9 (31.8 adaptor) |
| Derailleur Style | Down pull | Down pull |
| Chainstay Angle | 61-66° | 61-66° |
| Capacity | 16T | 16T |
| Top Gear Teeth | 50-56T | 50-56T |
| Chain Line | 43.5mm | 43.5mm |
| Outer Link Material | Forged Aluminum | Forged Aluminum |
| Compatibility | Shimano Road | Shimano Road |
| Weight | 95g | 119g |






# CENTOS 11 *2 x 11-Speed*

## RD-R58S Rear Derailleur

• Full aluminum construction

| | |
|---|---|
| Model No. | RD-R58S |
| Speed | 2 x 11 |
| Cage Length | Short Cage |
| Max Cog | 25-30T |
| Chain Capacity | 35T |
| Clutch | No |
| Cage Material | Aluminum |
| Outer Link Material | Forged Aluminum |
| Compatibility | Shimano Road |
| Weight | 194g |




## CS-G110 Alloy Spider Cassettes

• Chrome plated sprockets
• Aluminum alloy bracket spider
• Aluminum lock ring

| Model No. | CS-G110 11-32T | CS-G110 11-28T |
|---|---|---|
| Speed | 11-Speed | 11-Speed |
| Gear Range | 11-32T | 11-28T |
| Surface Finish | Chrome Plated | Chrome Plated |
| Combination | 11-12-13-14-15-17-19-21-24-28-32 | 11-12-13-14-15-16-17-19-21-24-28 |
| Spider | Yes | Yes |
| Cog Material | Steel | Steel |
| Hub Compatibility | Standard Freehub | Standard Freehub |
| Weight | 314g | 271g |

| Model No. | CS-G110 11-25T |
|---|---|
| Speed | 11-Speed |
| Gear Range | 11-25T |
| Surface Finish | Chrome Plated |
| Combination | 11-12-13-14-15-16-17-19-21-23-25 |
| Spider | Yes |
| Cog Material | Steel |
| Hub Compatibility | Standard Freehub |
| Weight | 264g |



# CENTOS 11

*2 x 11-Speed*

## CS-H110 11-Speed Cassettes

- Chrome plated sprockets
- Steel lock ring

| Model No. | CS-H110 11-34T | CS-H110 11-32T |
|---|---|---|
| Speed | 11-Speed | 11-Speed |
| Gear Range | 11-24T | 11-32T |
| Surface Finish | Chrome Plated | Chrome Plated |
| Combination | 11-12-13-14-15-17-19-21-24-28-34 | 11-12-13-14-15-17-19-21-24-28-32 |
| Spider | No | No |
| Cog Material | Steel | Steel |
| Hub Compatibility | Standard Freehub | Standard Freehub |
| Weight | 403g | 371g |

| Model No. | CS-H110 11-28T | CS-H110 11-25T |
|---|---|---|
| Speed | 11-Speed | 11-Speed |
| Gear Range | 11-28T | 11-25T |
| Surface Finish | Chrome Plated | Chrome Plated |
| Combination | 11-12-13-14-15-16-17-19-21-24-28 | 11-12-13-14-15-16-17-19-21-23-25 |
| Spider | No | No |
| Cog Material | Steel | Steel |
| Hub Compatibility | Standard Freehub | Standard Freehub |
| Weight | 311g | 301g |






# CENTOS 10

*2x10 Speed Tiagra 4700 Compatible*

## SB-R502B 2x10 Integrated Drop Bar Shifters

- Internally routed cables
- Independent shift levers
- Replaceable hood cover
- Adjustable reach (0~12mm)

| Model No. | SB-R502B-BK |
|---|---|
| Speed | 2 x 10 |
| Side | Pair |
| Shifter Style | Integrated Drop Bar |
| Brake Reach | Adjustable |
| Lever Material | Forged Aluminum / Steel |
| Compatibility | Shimano Tiagra 4700 |
| Weight | 498g |



## SL-R860B-2 Flatbar Xpress+ Shifters

- Xpress+ Technology
- Sealed bearings mechanism
- Low profile forged aluminum clamp
- Extra light shifting
- Trim function on left shifter

| Model No. | SL-R860B-2 |
|---|---|
| Speed | 2 x 10 |
| Side | Pair |
| Shifter Style | Xpress+ Trigger |
| Bearing | Yes |
| Indicator | No |
| Clamp Material | Forged Aluminum |
| Compatibility | Shimano Tiagra 4700 |
| Weight | 205g |



## BS-T10B / BS-A10B Bar End Shifters

- Aluminum construction

| Model No. | BS-T10B | BS-A10B |
|---|---|---|
| Speed | 2/3 x 10 | 2/3 x 10 |
| Shifter Style | Bar End Shifter | Bar End Shifter |
| Side | Pair | Pair |
| Left | Friction | Friction |
| Right | Index / Friction | Index |
| Compatibility | Shimano Tiagra 4700 | Shimano Tiagra 4700 |
| Weight | 141g | 140g |



# CENTOS 10 2x10 Speed Tiagra 4700 Compatible

## SL-T10B / SL-A10B Flatbar Thumb Shifters

- Low profile CNC machined aluminum body
- Micro adjusment barrels

| Model No. | SL-T10B | SL-A10B |
|---|---|---|
| Speed | 2/3 x 10 | 2/3 x 10 |
| Shifter Style | Flatbar Thumb Shifter | Flatbar Thumb Shifter |
| Side | Pair | Pair |
| Left | Friction | Friction |
| Right | Index / Friction | Index |
| Compatibility | Shimano Tiagra 4700 | Shimano Tiagra 4700 |
| Weight | 141g | 140g |



## FD-R552 2 x 10 Front Derailleurs

- Cold forged Inner & Outer link

| Model No. | FD-R552-F | FD-R552-B |
|---|---|---|
| Speed | 2 x 10 | 2 x 10 |
| Mounting | Braze On | Band Clamp 34.9 (31.8 adaptor) |
| Derailleur Style | Down pull | Down pull |
| Chainstay angle | 61-66° | 61-66° |
| Capacity | 16T | 16T |
| Top Gear Teeth | 50-56T | 50-56T |
| Chain Line | 43.5mm | 43.5mm |
| Outer Link Material | Forged Aluminum | Forged Aluminum |
| Compatibility | Shimano Road | Shimano Road |
| Weight | 96g | 119g |




## RD-R55S Rear Derailleur

- Full Aluminum Construction

| Model No. | RD-R55S |
|---|---|
| Speed | 2 x 10 |
| Cage Length | Short Cage |
| Max Cog | 25-30T |
| Chain Capacity | 35T |
| Clutch | No |
| Cage Material | Aluminum |
| Outer Link Material | Forged Aluminum |
| Compatibility | Shimano Tiagra 4700 |
| Weight | 194g |






CENTOS 10 2x10 Speed Tiagra 4700 Compatible

## CS-G100 Alloy Spider Cassettes

- Chrome plated sprockets
- Aluminum alloy bracket spider
- Aluminum lock ring

| Model No. | CS-G100 11-28T | CS-G100 11-25T |
|---|---|---|
| Speed | 10-Speed | 10-Speed |
| Gear Range | 11-28T | 11-25T |
| Surface Finish | Chrome Plated | Chrome Plated |
| Combination | 11-12-13-14-15-17-19-21-24-28 | 11-12-13-14-15-17-19-21-23-25 |
| Spider | Yes | Yes |
| Cog Material | Steel | Steel |
| Hub Compatibility | Standard Freehub | Standard Freehub |
| Weight | 255g | 239g |






# R10 2/3 x 10-Speed

## SB-R502E 2x10 Integrated Drop Bar Shifters

- Internally routed cables
- Independent shift levers
- Replaceable hood cover
- Adjustable reach (0~12mm)

| Model No. | SB-R502E |
|---|---|
| Speed | 2 x 10 |
| Side | Pair |
| Shifter Style | Integrated Drop Bar |
| Brake Reach | Adjustable |
| Lever Material | Aluminum / Steel |
| Compatibility | Shimano Road |
| Weight | 498g |



## SB-R402K 2x10 Integrated Drop Bar Shifters

- Externally routed shift cables
- Independent shift levers
- Replaceable hood cover
- Short reach option: reach distance -10mm

| Model No. | SB-R402K-SV | SB-R402K(S)-SV |
|---|---|---|
| Speed | 2 x 10 | 2 x 10 |
| Side | Pair | Pair |
| Shifter Style | Integrated Drop Bar | Integrated Drop Bar |
| Brake Actuation | Short Pull | Short Pull |
| Brake Reach | Standard | Short |
| Surface Finish | Polished Silver | Polished Silver |
| Lever Material | Aluminum / Steel | Aluminum / Steel |
| Compatibility | Shimano Road | Shimano Road |
| Weight | 430g | 430g |

### SB-R402K-SV



| Model No. | SB-R402K-BK | SB-R402K(S)-BK |
|---|---|---|
| Speed | 2 x 10 | 2 x 10 |
| Side | Pair | Pair |
| Shifter Style | Integrated Drop Bar | Integrated Drop Bar |
| Brake Actuation | Short Pull | Short Pull |
| Brake Reach | Standard | Short |
| Surface Finish | Anodized Black | Anodized Black |
| Lever Material | Aluminum / Steel | Aluminum / Steel |
| Compatibility | Shimano Road | Shimano Road |
| Weight | 430g | 430g |

### SB-R402K-BK





R10 2/3 x 10-Speed

## SB-R403K 3x10 Integrated Drop Bar Shifters

- Externally routed shift cables
- Independent shift levers
- Replaceable hood cover
- Short reach option: reach distance -10mm

| Model No. | SB-R403K-SV | SB-R403K(S)-SV |
|---|---|---|
| Speed | 3 x 10 | 3 x 10 |
| Side | Pair | Pair |
| Shifter Style | Integrated Drop Bar | Integrated Drop Bar |
| Brake Actuation | Short Pull | Short Pull |
| Brake Reach | Standard | Short |
| Surface Finish | Polished Silver | Polished Silver |
| Lever Material | Aluminum / Steel | Aluminum / Steel |
| Compatibility | Shimano Road | Shimano Road |
| Weight | 430g | 430g |

### SB-R403K-SV



| Model No. | SB-R403K-BK | SB-R403K(S)-BK |
|---|---|---|
| Speed | 3 x 10 | 3 x 10 |
| Side | Pair | Pair |
| Shifter Style | Integrated Drop Bar | Integrated Drop Bar |
| Brake Actuation | Short Pull | Short Pull |
| Brake Reach | Standard | Short |
| Surface Finish | Anodized Black | Anodized Black |
| Lever Material | Aluminum / Steel | Aluminum / Steel |
| Compatibility | Shimano Road | Shimano Road |
| Weight | 430g | 430g |

### SB-R403K-BK



## SL-R760 Flatbar Xpress Shifters

- Aluminum shift lever
- Trim function on left shifter

| Model No. | SL-R760-2 | SL-R760-3 |
|---|---|---|
| Speed | 2 x 10 | 3 x 10 |
| Side | Pair | Pair |
| Shifter Style | Xpress Trigger | Xpress Trigger |
| Bearing | No | No |
| Indicator | Yes | Yes |
| Clamp Material | Aluminum | Aluminum |
| Lever Material | Aluminum | Aluminum |
| Compatibility | Shimano Road | Shimano Road |
| Weight | 284g | 284g |



## BS-T10 / BS-A10 Bar End Shifters

• Aluminum construction

| Model No. | BS-T10 | BS-A10 |
|---|---|---|
| Speed | 2/3 x 10 | 2/3 x 10 |
| Shifter Style | Transferable Bar End | Bar End Shifter |
| Side | Pair | Pair |
| Left | Friction | Friction |
| Right | Index /Friction | Index |
| Compatibility | Shimano Road | Shimano Road |
| Weight | 141g | 140g |



## SL-T10 / SL-A10 Flatbar Thumb-Tap Shifters

• Low profile CNC machined aluminum body
• Micro adjustment barrels

| Model No. | SL-T10 | SL-A10 |
|---|---|---|
| Speed | 2/3 x 10 | 2/3 x 10 |
| Shifter Style | Flatbar Thumb Shifter | Flatbar Thumb Shifter |
| Side | Pair | Pair |
| Left | Friction | Friction |
| Right | Index /Friction | Index |
| Compatibility | Shimano Road | Shimano Road |
| Weight | 141g | 140g |







## FD-R712 2x10 Front Derailleurs

• Cold forged inner & outer link

| Model No. | FD-R712-F-SV | FD-R712-B-SV |
|---|---|---|
| Speed | 2 x 10 | 2 x 10 |
| Mounting | Braze On | Band Clamp 34.9 (31.8 adaptor) |
| Derailleur Style | Down pull | Down pull |
| Chainstay Angle | 61-66° | 61-66° |
| Capacity | 16T | 16T |
| Top Gear Teeth | 50-56T | 50-56T |
| Chain Line | 43.5mm | 43.5mm |
| Surface Finish | Polished Silver | Polished Silver |
| Outer Link Material | Forged Aluminum | Forged Aluminum |
| Compatibility | Shimano Road | Shimano Road |
| Weight | 96 g | 119 g |

| Model No. | FD-R712-F-BK | FD-R712-B-BK |
|---|---|---|
| Speed | 2 x 10 | 2 x 10 |
| Mounting | Braze On | Band Clamp 34.9 (31.8 adaptor) |
| Derailleur Style | Down pull | Down pull |
| Chainstay Angle | 61-66° | 61-66° |
| Capacity | 16T | 16T |
| Top Gear Teeth | 50-56T | 50-56T |
| Chain Line | 43.5mm | 43.5mm |
| Surface Finish | Anodized Black | Anodized Black |
| Outer Link Material | Forged Aluminum | Forged Aluminum |
| Compatibility | Shimano Road | Shimano Road |
| Weight | 96 g | 119 g |



## FD-R730 3x10 Front Derailleurs

• Compatible with 50-39-30T crankset

| Model No. | FD-R730-F-SV | FD-R730-B-SV |
|---|---|---|
| Speed | 3 x 10 | 3 x 10 |
| Mounting | Braze On | Band Clamp 34.9 (31.8 Adaptor) |
| Derailleur Style | Down pull | Down pull |
| Chainstay Angle | 63-66° | 63-66° |
| Capacity | 20T | 20T |
| Top Gear Teeth | 50T | 50T |
| Chain Line | 45mm | 45mm |
| Surface Finish | Polished Silver | Polished Silver |
| Outer Link Material | Forged Aluminum | Forged Aluminum |
| Compatibility | Shimano Road | Shimano Road |
| Weight | 119g | 144g |



# R10 2/3 x 10-Speed

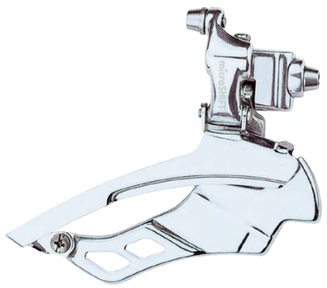
| Model No. | FD-R730-F-BK | FD-R730-B-BK |
|---|---|---|
| Speed | 3 x 10 | 3 x 10 |
| Mounting | Braze On | Band Clamp 34.9 (31.8 Adaptor) |
| Derailleur Style | Down pull | Down pull |
| Chainstay Angle | 63-66° | 63-66° |
| Capacity | 20T | 20T |
| Top Gear Teeth | 50T | 50T |
| Chain Line | 45mm | 45mm |
| Surface Finish | Anodized Black | Anodized Black |
| Outer Link Material | Forged Aluminum | Forged Aluminum |
| Compatibility | Shimano Road | Shimano Road |
| Weight | 119g | 144g |

## FD-R732 3x10 Front Derailleurs

• Compatible with 52-39-30T crankset

| Model No. | FD-R732-F-SV | FD-R732-B-SV |
|---|---|---|
| Speed | 3 x 10 | 3 x 10 |
| Type | Brazed On | Band Clamp 34.9 (31.8 Adaptor) |
| Derailleur Style | Down pull | Down pull |
| Chainstay angle | 63-66° | 63-66° |
| Chainstay Capacity | 22T | 22T |
| Top Gear Teeth | 52T | 52T |
| Chain Line | 45mm | 45mm |
| Surface Finish | Polished Silver | Polished Silver |
| Outer Link Material | Forged Aluminum | Forged Aluminum |
| Compatibility | Shimano Road | Shimano Road |
| Weight | 117g | 142g |

| Model No. | FD-R732-F-BK | FD-R732-B-BK |
|---|---|---|
| Speed | 3 x 10 | 3 x 10 |
| Type | Brazed On | Band Clamp 34.9 (31.8 Adaptor) |
| Derailleur Style | Down pull | Down pull |
| Chainstay angle | 63-66° | 63-66° |
| Chainstay Capacity | 22T | 22T |
| Top Gear Teeth | 52T | 52T |
| Chain Line | 45mm | 45mm |
| Surface Finish | Anodized Black | Anodized Black |
| Outer Link Material | Forged Aluminum | Forged Aluminum |
| Compatibility | Shimano Road | Shimano Road |
| Weight | 117g | 142g |





R10 2/3 x 10-Speed

## RD-R47 Rear Derailleurs

• Aluminum construction

| Model No. | RD-R47S-SV | RD-R47-SV |
|---|---|---|
| Speed | 2 x 10 | 3 x 10 |
| Cage Length | Short Cage | Long Cage |
| Max Cog | 25-28T | 25-28T |
| Chain Capacity | 33T | 39T |
| Surface Finish | Polished Silver | Polished Silver |
| Cage Material | Aluminum | Aluminum |
| Outer Link Material | Aluminum | Aluminum |
| Compatibility | Shimano Road | Shimano Road |
| Weight | 218g | 226g |

| Model No. | RD-R47S-BK | RD-R47-BK |
|---|---|---|
| Speed | 2 x 10 | 3 x 10 |
| Cage Length | Short Cage | Long Cage |
| Max Cog | 25-28T | 25-28T |
| Chain Capacity | 33T | 39T |
| Surface Finish | Anodized Black | Anodized Black |
| Cage Material | Aluminum | Aluminum |
| Outer Link Material | Aluminum | Aluminum |
| Compatibility | Shimano Road | Shimano Road |
| Weight | 218g | 226g |



## RD-R51M Wide Range Rear Derailleur

• Compatible with up to 34T cog

| Model No. | RD-R51M |
|---|---|
| Speed | 2 x 10 |
| Cage Length | Medium Cage |
| Max Cog | 30-34T |
| Chain Capacity | 39T |
| Cage Material | Aluminum |
| Outer Link Material | Aluminum |
| Compatibility | Shimano Road |
| Weight | 220g |



# R10 2/3 x 10-Speed

## CS-H100 10-Speed Cassettes

- Chrome plated sprockets
- Steel lock ring

| Model No. | CS-H100 11-34T | CS-H100 11-32T |
|---|---|---|
| Speed | 10-Speed | 10-Speed |
| Gear Range | 11-34T | 11-32T |
| Surface Finish | Chrome Plated | Chrome Plated |
| Combination | 11-12-13-15-17-19-21-24-28-34 | 11-12-13-15-17-19-21-24-28-32 |
| Spider | No | No |
| Cog Material | Steel | Steel |
| Hub Compatibility | Standard Freehub | Standard Freehub |
| Weight | 377g | 351g |



| Model No. | CS-H100 11-28T | CS-H100 11-25T |
|---|---|---|
| Speed | 10-Speed | 10-Speed |
| Gear Range | 11-28T | 11-25T |
| Surface Finish | Chrome Plated | Chrome Plated |
| Combination | 11-12-13-14-15-17-19-21-24-28 | 11-12-13-14-15-17-19-21-23-25 |
| Spider | No | No |
| Cog Material | Steel | Steel |
| Hub Compatibility | Standard Freehub | Standard Freehub |
| Weight | 289g | 274g |

# R9 1/2/3 x 9-Speed

## SB-R490 1x9 Integrated Drop Bar Shifters

- Externally routed shift cables
- Independent shift levers
- Replaceable hood cover
- Short reach option: reach distance -10mm

| Model No. | SB-R490-BK | SB-R490(S)-BK |
|---|---|---|
| Speed | 1 x 9 | 1 x 9 |
| Side | Pair | Pair |
| Shifter Style | Integrated Drop Bar | Integrated Drop Bar |
| Left Side | Brake lever only | Brake lever only |
| Brake Actuation | Short Pull | Short Pull |
| Brake Reach | Standard | Short |
| Surface Finish | Anodized Black | Anodized Black |
| Lever Material | Forged Aluminum / Steel | Forged Aluminum/ Steel |
| Compatibility | Shimano Road | Shimano Road |
| Weight | 430g | 430g |




## SB-R492 2x9 Integrated Drop Bar Shifters

- Externally routed shift cables
- Independent shift levers
- Replaceable hood cover
- Short reach option: reach distance -10mm

| Model No. | SB-R492-SV | SB-R492(S)-SV |
|---|---|---|
| Speed | 2 x 9 | 2 x 9 |
| Side | Pair | Pair |
| Shifter Style | Integrated Drop Bar | Integrated Drop Bar |
| Brake Actuation | Short Pull | Short Pull |
| Brake Reach | Standard | Short |
| Surface Finish | Polished Silver | Polished Silver |
| Lever Material | Forged Aluminum / Steel | Forged Aluminum / Steel |
| Compatibility | Shimano Road | Shimano Road |
| Weight | 430g | 430g |

| Model No. | SB-R492-BK | SB-R492(S)-BK |
|---|---|---|
| Speed | 2 x 9 | 2 x 9 |
| Side | Pair | Pair |
| Shifter Style | Integrated Drop Bar | Integrated Drop Bar |
| Brake Actuation | Short Pull | Short Pull |
| Brake Reach | Standard | Short |
| Surface Finish | Anodized Black | Anodized Black |
| Lever Material | Forged Aluminum / Steel | Forged Aluminum / Steel |
| Compatibility | Shimano Road | Shimano Road |
| Weight | 430g | 430g |



## SB-R493 3x9 Integrated Drop Bar Shifters

- Externally routed shift cables
- Independent shift levers
- Replaceable hood cover
- Short reach option: reach distance -10mm

| Model No. | SB-R493-SV | SB-R493(S)-SV |
|---|---|---|
| Speed | 3 x 9 | 3 x 9 |
| Side | Pair | Pair |
| Shifter Style | Integrated Drop Bar | Integrated Drop Bar |
| Brake Actuation | Short Pull | Short Pull |
| Brake Reach | Standard | Short |
| Surface Finish | Polished Silver | Polished Silver |
| Lever Material | Forged Aluminum / Steel | Forged Aluminum / Steel |
| Compatibility | Shimano Road | Shimano Road |
| Weight | 430g | 430g |

| Model No. | SB-R493-BK | SB-R493(S)-BK |
|---|---|---|
| Speed | 3 x 9 | 3 x 9 |
| Side | Pair | Pair |
| Shifter Style | Integrated Drop Bar | Integrated Drop Bar |
| Brake Actuation | Short Pull | Short Pull |
| Brake Reach | Standard | Short |
| Surface Finish | Anodized Black | Anodized Black |
| Lever Material | Forged Aluminum / Steel | Forged Aluminum / Steel |
| Compatibility | Shimano Road | Shimano Road |
| Weight | 430g | 430g |



## SL-R859 Flatbar Xpress Shifters

- Extra light shifting
- Trim function on left shifter

| Model No. | SL-R859 |
|---|---|
| Speed | 2 x 9 |
| Side | Pair |
| Shifter Style | Xpress Trigger |
| Bearing | No |
| Indicator | No |
| Clamp Material | Aluminum |
| Lever Material | Aluminum |
| Compatibility | Shimano Road |
| Weight | 225g |





R9 1/2/3 x 9-Speed

## SL-R769 Flatbar Xpress Shifters

- Optical gear indicators
- Trim function on left shifter

| Model No. | SL-R769-2 | SL-R769-3 |
|---|---|---|
| Speed | 2 x 9 | 3 x 9 |
| Side | Pair | Pair |
| Shifter Style | Xpress Trigger | Xpress Trigger |
| Bearing | No | No |
| Indicator | Yes | Yes |
| Clamp Material | Aluminum | Aluminum |
| Lever Material | Aluminum | Aluminum |
| Compatibility | Shimano Road | Shimano Road |
| Weight | 282g | 282g |



## BS-T09 / BS-A09 Bar end Shifters

- Aluminum construction

| Model No. | BS-T09 | BS-A09 |
|---|---|---|
| Speed | 2/3 x 9 | 2/3 x 9 |
| Shifter Style | Bar End Shifter | Bar End Shifter |
| Side | Pair | Pair |
| Left | Friction | Friction |
| Right | Index /Friction | Index |
| Compatibility | Shimano Road | Shimano Road |
| Weight | 163g | 162g |



## SL-T09 / SL-A09 Flatbar Thumb Shifters

- Low profile CNC machined aluminum body
- Micro adjustment barrels

| Model No. | SL-T09 | SL-A09 |
|---|---|---|
| Speed | 2/3 x 9 | 2/3 x 9 |
| Shifter Style | Flatbar Thumb Shifter | Flatbar Thumb Shifter |
| Side | Pair | Pair |
| Left | Friction | Friction |
| Right | Index /Friction | Index |
| Compatibility | Shimano Road | Shimano Road |
| Weight | 141g | 140g |



## FD-R352 2x9 Front Derailleurs

• Color Options: Silver / Black

| Model No. | FD-R352-F | FD-R352-B |
|---|---|---|
| Speed | 2 x 9 | 2 x 9 |
| Mounting | Braze On | Band Clamp 34.9 (31.8 adaptor) |
| Derailleur Style | Down pull | Down pull |
| Chainstay Angle | 61-66° | 61-66° |
| Capacity | 16T | 16T |
| Top Gear Teeth | 46-52T | 46-52T |
| Chain Line | 43.5mm | 43.5mm |
| Outer Link Material | Aluminum | Aluminum |
| Compatibility | Shimano Road | Shimano Road |
| Weight | 100 g | 125g |



## FD-R353 3x9 Front Derailleurs

• Compatible with 50-39-30T crankset
• Color Options: Silver / Black

| Model No. | FD-R353-F | FD-R353-B |
|---|---|---|
| Speed | 3 x 9 | 3 x 9 |
| Mounting | Braze On | Band Clamp 34.9 (31.8 adaptor) |
| Derailleur Style | Down pull | Down pull |
| Chainstay Angle | 63-66° | 63-66° |
| Capacity | 20T | 20T |
| Top Gear Teeth | 50T | 50T |
| Chain Line | 45mm | 45mm |
| Outer Link Material | Aluminum | Aluminum |
| Compatibility | Shimano Road | Shimano Road |
| Weight | 115 g | 140g |



## RD-R42 Rear Derailleurs

| Model No. | RD-R42S | RD-R42 |
|---|---|---|
| Speed | 2 x 9/10 | 3 x 9/10 |
| Cage Length | Short Cage | Long Cage |
| Max Cog | 25-28T | 25-28T |
| Chain Capacity | 33T | 39T |
| Cage Material | Steel | Steel |
| Outer Link Material | Aluminum | Aluminum |
| Compatibility | Shimano Road | Shimano Road |
| Weight | 265g | 288g |





R9 1/2/3 x 9-Speed

## RD-R43M Wide Range Rear Derailleur

• Compatible with up to 34T cog

| Model No. | RD-R43M |
|---|---|
| Speed | 2 x 9/10 |
| Cage Length | Medium Cage |
| Max Cog | 30-34T |
| Chain Capacity | 39T |
| Cage Material | Steel |
| Outer Link Material | Aluminum |
| Compatibility | Shimano Road |
| Weight | 291g |




## CS-H092 9-Speed Cassettes

• Nickel plated sprockets
• Steel lock ring

| Model No. | CS-H092 11-34T | CS-H092 11-32T |
|---|---|---|
| Speed | 9-Speed | 9-Speed |
| Gear Range | 11-34T | 11-32T |
| Surface Finish | Nickel Plated | Nickel Plated |
| Combination | 11-13-15-17-19-21-24-28-34 | 11-13-15-17-19-21-24-28-32 |
| Spider | No | No |
| Cog Material | Steel | Steel |
| Hub Compatibility | Standard Freehub | Standard Freehub |
| Weight | 363g | 337g |



| Model No. | CS-H092 11-28T | CS-H092 12-25T | CS-H092 11-25T |
|---|---|---|---|
| Speed | 9-Speed | 9-Speed | 9-Speed |
| Gear Range | 11-28T | 12-25T | 11-25T |
| Surface Finish | Nickel Plated | Nickel Plated | Nickel Plated |
| Combination | 11-12-13-15-17-19-21-24-28 | 12-13-14-15-17-19-21-23-25 | 11-12-13-15-17-19-21-23-25 |
| Spider | No | No | No |
| Cog Material | Steel | Steel | Steel |
| Hub Compatibility | Standard Freehub | Standard Freehub | Standard Freehub |
| Weight | 276g | 276g | 273g |

## SB-R480 1x8 Integrated Drop Bar Shifters

- Externally routed shift cables
- Independent shift levers
- Replaceable hood cover
- Short reach option: reach distance -10mm

| Model No. | SB-R480 | SB-R480(S) |
|---|---|---|
| Speed | 1 x 8 | 1 x 8 |
| Side | Pair | Pair |
| Shifter Style | Integrated Drop Bar | Integrated Drop Bar |
| Left Side | Brake lever only | Brake lever only |
| Brake Actuation | Short Pull | Short Pull |
| Brake Reach | Standard | Short |
| Surface Finish | Anodized Black | Anodized Black |
| Lever Material | Forged Aluminum / Steel | Forged Aluminum / Steel |
| Compatibility | Shimano Road | Shimano Road |
| Weight | 430g | 430g |



## SB-R482 2x8 Integrated Drop Bar Shifters

- Externally routed shift cables
- Independent shift levers
- Replaceable hood cover
- Short reach option: reach distance -10mm

| Model No. | SB-R482 | SB-R482(S) |
|---|---|---|
| Speed | 2 x 8 | 2 x 8 |
| Side | Pair | Pair |
| Shifter Style | Integrated Drop Bar | Integrated Drop Bar |
| Brake Actuation | Short Pull | Short Pull |
| Brake Reach | Standard | Short |
| Surface Finish | Anodized Black | Anodized Black |
| Lever Material | Forged Aluminum / Steel | Forged Aluminum / Steel |
| Compatibility | Shimano Road | Shimano Road |
| Weight | 430g | 430g |



## SB-R483 3x8 Integrated Drop Bar Shifters

- Externally routed shift cables
- Independent shift levers
- Replaceable hood cover
- Short reach option: reach distance -10mm

| Model No. | SB-R483 | SB-R483(S) |
|---|---|---|
| Speed | 3 x 8 | 3 x 8 |
| Side | Pair | Pair |
| Shifter Style | Integrated Drop Bar | Integrated Drop Bar |
| Brake Actuation | Short Pull | Short Pull |
| Brake Reach | Standard | Short |
| Surface Finish | Anodized Black | Anodized Black |
| Lever Material | Forged Aluminum / Steel | Forged Aluminum / Steel |
| Compatibility | Shimano Road | Shimano Road |
| Weight | 430g | 430g |





R8 1/2/3 x 8-Speed

## SL-R758 Flatbar Xpress Shifters

- Optical gear indicators
- Trim function on left shifter

| Model No. | SL-R758-2 | SL-R758-3 |
|---|---|---|
| Speed | 2 x 8 | 3 x 8 |
| Side | Pair | Pair |
| Shifter Style | Xpress Trigger | Xpress Trigger |
| Bearing | No | No |
| Indicator | Yes | Yes |
| Clamp Material | Aluminum | Aluminum |
| Lever Material | Composite | Composite |
| Compatibility | Shimano Road | Shimano Road |
| Weight | 279g | 279g |



## BS-T08 / BS-A08 Bar End Shifters

- Aluminum construction

| Model No. | BS-T08 | BS-A08 |
|---|---|---|
| Speed | 2/3 x 8 | 2/3 x 8 |
| Shifter Style | Bar End Shifter | Bar End Shifter |
| Side | Pair | Pair |
| Left | Friction | Friction |
| Right | Index /Friction | Index |
| Compatibility | Shimano Road | Shimano Road |
| Weight | 163g | 162g |



## SL-T08 / SL-A08 Flatbar Thumb Shifters

- Low profile CNC machined aluminum body
- Micro adjustment barrels

| Model No. | SL-T08 | SL-A08 |
|---|---|---|
| Speed | 2/3 x 8 | 2/3 x 8 |
| Shifter Style | Flatbar Thumb Shifter | Flatbar Thumb Shifter |
| Side | Pair | Pair |
| Left | Friction | Friction |
| Right | Index /Friction | Index |
| Compatibility | Shimano Road | Shimano Road |
| Weight | 141g | 140g |



## FD-R252 2x8 Front Derailleurs

| Model No. | FD-R252-F | FD-R252-B |
|---|---|---|
| Speed | 2 x 8 | 2 x 8 |
| Mounting | Braze On | Band Clamp 34.9 (31.8 adaptor) |
| Derailleur Style | Down pull | Down pull |
| Chainstay Angle | 61-66° | 61-66° |
| Capacity | 16T | 16T |
| Top Gear Teeth | 46-52T | 46-52T |
| Chain Line | 43.5mm | 43.5mm |
| Outer Link Material | Aluminum | Aluminum |
| Compatibility | Shimano Road | Shimano Road |
| Weight | 100g | 126g |



## FD-R253 3x8 Front Derailleurs

• Compatible with 50-39-30T crankset

| Model No. | FD-R253-F | FD-R253-B |
|---|---|---|
| Speed | 3 x 8 | 3 x 8 |
| Mounting | Braze On | Clamp 34.9 (31.8 adaptor) |
| Derailleur Style | Down pull | Down pull |
| Chainstay Angle | 63-66° | 63-66° |
| Capacity | 20T | 20T |
| Top Gear Teeth | 50T | 50T |
| Chain Line | 45mm | 45mm |
| Outer Link Material | Aluminum | Aluminum |
| Compatibility | Shimano Road | Shimano Road |
| Weight | 116g | 141g |



## RD-R32 Rear Derailleurs

| Model No. | RD-R32S | RD-R32 |
|---|---|---|
| Speed | 2 x 7/8/9 | 3 x 7/8/9 |
| Cage Length | Short Cage | Long Cage |
| Max Cog | 25-28T | 25-28T |
| Chain Capacity | 33T | 39T |
| Cage Material | Steel | Steel |
| Outer Link Material | Steel | Steel |
| Compatibility | Shimano Road | Shimano Road |
| Weight | 266g | 290g |







## CS-H082 8-Speed Cassettes

• Nickel plated sprockets
• Steel lock ring

| Model No. | CS-H082 11-34T | CS-H082 11-32T |
|---|---|---|
| Speed | 8-Speed | 8-Speed |
| Gear Range | 11-34T | 11-32T |
| Surface Finish | Nickel Plated | Nickel Plated |
| Combination | 11-13-15-18-21-24-28-34 | 11-13-15-18-21-24-28-32 |
| Spider | No | No |
| Cog Material | Steel | Steel |
| Hub Compatibility | Standard Freehub | Standard Freehub |
| Weight | 344g | 318g |



| Model No. | CS-H082 12-32T | CS-H082 11-28T |
|---|---|---|
| Speed | 8-Speed | 8-Speed |
| Gear Range | 12-32T | 11-28T |
| Surface Finish | Nickel Plated | Nickel Plated |
| Combination | 12-13-15-18-21-24-28-32 | 11-13-15-17-19-21-24-28 |
| Spider | No | No |
| Cog Material | Steel | Steel |
| Hub Compatibility | Standard Freehub | Standard Freehub |
| Weight | 339g | 270g |

## CS-H081 8-Speed Cassettes

• Black sprockets
• Steel lock ring

| Model No. | CS-H081 11-28T | CS-H081 12-28T | CS-H081 12-25T |
|---|---|---|---|
| Speed | 8-Speed | 8-Speed | 8-Speed |
| Gear Range | 11-28T | 12-28T | 12-25T |
| Surface Finish | Black Plated | Black Plated | Black Plated |
| Combination | 11-13-15-17-19-21-24-28 | 12-13-15-17-19-21-24-28 | 12-13-15-17-19-21-23-25 |
| Spider | No | No | No |
| Cog Material | Steel | Steel | Steel |
| Hub Compatibility | Standard Freehub | Standard Freehub | Standard Freehub |
| Weight | 270g | 273g | 264g |



# Road Non-Group Components

## SB-R370 1x7 Integrated Drop Bar Shifters

- Externally routed shift cables
- Independent shift levers
- Replaceable hood cover
- Short reach option: reach distance -10mm

| Model No. | SB-R370 | SB-R370(S) |
|---|---|---|
| Speed | 1 x 7 | 1 x 7 |
| Side | Pair | Pair |
| Shifter Style | Integrated Drop Bar | Integrated Drop Bar |
| Left Side | Brake lever only | Brake lever only |
| Brake Actuation | Short Pull | Short Pull |
| Brake Reach | Standard | Short |
| Surface Finish | Anodized Black | Anodized Black |
| Lever Material | Aluminum / Steel | Aluminum / Steel |
| Compatibility | Shimano Road | Shimano Road |
| Weight | 478.5g | 478.5g |



## SB-R372 2x7 Integrated Drop Bar Shifters

- Externally routed shift cables
- Independent shift levers
- Replaceable hood cover
- Short reach option: reach distance -10mm

| Model No. | SB-R372 | SB-R372(S) |
|---|---|---|
| Speed | 2 x 7 | 2 x 7 |
| Side | Pair | Pair |
| Shifter Style | Integrated Drop Bar | Integrated Drop Bar |
| Brake Actuation | Short Pull | Short Pull |
| Brake Reach | Standard | Short |
| Surface Finish | Anodized Black | Anodized Black |
| Lever Material | Aluminum / Steel | Aluminum / Steel |
| Compatibility | Shimano Road | Shimano Road |
| Weight | 478.5g | 478.5g |



## SB-R373 3x7 Integrated Drop Bar Shifters

- Externally routed shift cables
- Independent shift levers
- Replaceable hood cover
- Short reach option: reach distance -10mm

| Model No. | SB-R373 | SB-R373(S) |
|---|---|---|
| Speed | 3 x 7 | 3 x 7 |
| Side | Pair | Pair |
| Shifter Style | Integrated Drop Bar | Integrated Drop Bar |
| Brake Actuation | Short Pull | Short Pull |
| Brake Reach | Standard | Short |
| Surface Finish | Anodized Black | Anodized Black |
| Lever Material | Aluminum / Steel | Aluminum / Steel |
| Compatibility | Shimano Road | Shimano Road |
| Weight | 478.5g | 478.5g |





# Road Non-Group Components

## SL-D10 / SL-D09 / SL-D08 Down Tube Shifter

- Aluminum construction

| Model No. | SL-D10 | SL-D10B |
|---|---|---|
| Speed | 2/3 x 10 | 2/3 x 10 |
| Shifter Style | Down Tube Shifter | Down Tube Shifter |
| Side | Pair | Pair |
| Left | Friction | Friction |
| Right | Index | Index |
| Compatibility | Shimano Road | Shimano Tiagra 4700 |
| Weight | 70g | 70g |

| Model No. | SL-D09 | SL-D08 |
|---|---|---|
| Speed | 2/3 x 9 | 2/3 x 8 |
| Shifter Style | Down Tube Shifter | Down Tube Shifter |
| Side | Pair | Pair |
| Left | Friction | Friction |
| Right | Index | Index |
| Compatibility | Shimano Road | Shimano Road |
| Weight | 70g | 70g |



## FD-R52 / FD-R53 2/3 x 8/9 Front Derailleur

- Design for 20"wheels
- FD-R539-H works with 52-42-30T 9-speed crankset
- FD-R538-H works with 52-42-30T 8-speed crankset

| Model No. | FD-R52-H | FD-R539-H | FD-R538-H |
|---|---|---|---|
| Speed | 2 x 8/9 | 3 x 9 | 3 x 8 |
| Mounting | Band Clamp 31.8 | Band Clamp 31.8 | Band Clamp 31.8 |
| Derailleur Style | Down pull | Down pull | Down pull |
| Chainstay Angle | 70-77° | 72-75° | 72-75° |
| Capacity | 16T | 22T | 22T |
| Top Gear Teeth | 50-56T | 52T | 52T |
| Chain Line | 43.5mm | 45mm | 45mm |
| Outer Link Material | Aluminum | Aluminum | Aluminum |
| Compatibility | Shimano Road | Shimano Road | Shimano Road |
| Weight | 114g | 123g | 124g |



# Road Non-Group Components

## FD-R52S 2x9 Front Derailleurs

• Small size chain guide

| Model No. | FD-R52S-F | FD-R52S-B |
|---|---|---|
| Speed | 2 x 9 | 2 x 9 |
| Mounting | Brazed | Band Clamp 31.8 |
| Derailleur Style | Down pull | Down pull |
| Chainstay Angle | 61-66° | 61-66° |
| Capacity | 14T | 14T |
| Top Gear Teeth | 36-50T | 36-50T |
| Chain Line | 43.5mm | 43.5mm |
| Outer Link Material | Aluminum | Aluminum |
| Compatibility | Shimano Road | Shimano Road |
| Weight | 86.5g | 108.5g |



## RD-M21 6/7 speed Rear Derailleurs

• Composite and steel construction
• Suitable for entry level bikes

| Model No. | RD-M21S/SA | RD-M21SS/SSA |
|---|---|---|
| Speed | 2/3 x 6/7 | 1 x 6/7 |
| Cage Length | Short Cage | Super Short Cage |
| Max Cog | 28-30T | 28-30T |
| Min Cog | 13-14T | 13-14T |
| Chain Capacity | 37T | 21T |
| Body Material | Steel / Composite | Steel / Composite |
| Outer Link Material | Steel / Composite | Steel / Composite |
| Compatibility | Shimano Mountain | Shimano Mountain |
| Weight | 269g(S) | 241g(SS) |



RD-M21S



RD-M21SS

# Road Non-Group Components

## CS-H072 7-Speed Cassette

• Nickel sprockets
• Steel lock ring

| Model No. | CS-H072 12-28T |
|---|---|
| Speed | 7-Speed |
| Gear Range | 12-28T |
| Surface Finish | Nickel Plated |
| Combination | 12-13-15-18-21-24-28 |
| Spider | No |
| Cog Material | Steel |
| Hub Compatibility | Standard Freehub |
| Weight | 261g |



## CS-H071 7-Speed Cassette

• Black sprockets
• Steel lock ring

| Model No. | CS-H071 12-28T |
|---|---|
| Speed | 7-Speed |
| Gear Range | 12-28T |
| Surface Finish | Black Plated |
| Combination | 12-13-15-18-21-24-28 |
| Spider | No |
| Cog Material | Steel |
| Hub Compatibility | Standard Freehub |
| Weight | 261g |



# CITY




## ALFINE NEXUS COMPATIBLE

**City Bikes Done Right**
Not satisfied with existing shifter offerings on the market for internal geared hubs? Our shifter selection gives you the freedom to set them up on your bike the way you want it.

# *CITY* *For internal gear hub*

## SB-N110 / SB-N080 Integrated Drop Bar Shifters

- Left side brake lever only
- Compatible with Alfine internal geared hubs
- Replaceable hood cover
- Short reach option: reach distance -10mm

| Model No. | SB-N110 / SB-N110(S) | SB-N080 / SB-N080(S) |
|---|---|---|
| Speed | 1x 11 | 1x 8 |
| Shifter Style | Integrated Drop Bar | Integrated Drop Bar |
| Side | Pair | Pair |
| Left side | Brake lever only | Brake lever only |
| Brake Actuation | Short Pull | Short Pull |
| Brake Reach | Standard / Short | Standard / Short |
| Lever Material | Forged Aluminum | Forged Aluminum |
| Compatibility | Shimano Alfine 11 | Shimano Alfine 8 |
| Weight | 378g | 378g |




## SL-N08 Flatbar Thumb Shifters

- Low profile CNC machined aluminum body
- Micro adjustment barrels

| Model No. | SL-N08 |
|---|---|
| Speed | 1 x 8 |
| Shifter Style | Flat Bar Thumb Shifter |
| Side | Right |
| Right Side | Index |
| Compatibility | Shimano Alfine /Nexus 8 |
| Weight | 64g |



## BS-N08 Bar End Shifter

- Aluminum construction

| Model No. | BS-N08 |
|---|---|
| Speed | 1 x 8 |
| Shifter Style | Bar End Shifter |
| Side | Right |
| Right Side | Index |
| Compatibility | Shimano Alfine /Nexus 8 |
| Weight | 75g |



# CITY *For internal gear hub*

## SL-N768 Flatbar Xpress Shifters

• Optical gear indicator

| Model No. | SL-N768 |
|---|---|
| Speed | 1 x 8 |
| Side | Right |
| Shifter Style | Xpress Trigger |
| Bearing | No |
| Indicator | Yes |
| Clamp Material | Aluminum |
| Lever Material | Aluminum |
| Compatibility | Shimano Alfine S7000 |



## SL-N757 / SL-N758 Flatbar Xpress Shifters

• Optical gear indicator

| Model No. | SL-N757 | SL-N758 |
|---|---|---|
| Speed | 1 x 7 | 1 x 8 |
| Side | Right | Right |
| Shifter Style | Xpress Trigger | Xpress Trigger |
| Bearing | No | No |
| Indicator | Yes | Yes |
| Clamp Material | Aluminum | Aluminum |
| Lever Material | Composite | Composite |
| Compatibility | Shimano Nexus 7 | Shimano Nexus 8 |



## TN71-7 Flatbar Thumb-Tap Shifter

• Optical gear indicator

| Model No. | TN71-7 |
|---|---|
| Speed | 1 x 7 |
| Side | Right |
| Shifter Style | Thumb-Tap |
| Bearing | No |
| Indicator | Yes |
| Clamp Material | Aluminum |
| Lever Material | Composite |
| Compatibility | Shimano Nexus 7 |



# CITY *For internal gear hub*

## DN85 Twist Type Shifter

• Compact twist type shifter with indicator

| Model No. | DN85-3 | DN85-7 | DN85-8 |
|---|---|---|---|
| Speed | 1 x 3 | 1 x 7 | 1 x 8 |
| Side | Right | Right | Right |
| Indicator | Yes | Yes | Yes |
| Shifter Style | Twist | Twist | Twist |
| Compatibility | Shimano Nexus 3 | Shimano Nexus 7 | Shimano Nexus 8 |

**DN85-3**



**DN85-8**



## MN27-3 Twist Type Shifter

• Standard twist type shifter

| Model No. | MN27-3 |
|---|---|
| Speed | 3-Speed |
| Side | Right |
| Indicator | No |
| Shifter Style | Twist |
| Compatibility | Shimano Nexus 3 |



## BC-01 Bell Crank Hub Connector

• For Nexus 3 internal hub

| Model No. | BC-01 |
|---|---|
| Speed | Nexus Inter 3-Speed |
| Style | Bell Crank Hub Connector |
| Compatibility | Shimsno Nexus |
| Compatible Shifters | MN27-3, DN85-3 |



# Integrated Drop Bar Shifters

| Series | Model # | Left Shifter | Cable Routing | Reach | Page # | Product Photo |
|---|---|---|---|---|---|---|
| **Shimano Road 11-Speed** | | | | | | |
| Centos 11 | SB-R512B | 2x | Internal | Adjustable | 36 |  |
| **Shimano MTB 11-Speed** | | | | | | |
| MTB Non-Group | SB-M110 | 1x | External | Standard | 15 |  |
| **Shimano Road 10-Speed Tiagra 4700** | | | | | | |
| Centos 10 | SB-R502B | 2x | Internal | Adjustable | 40 |  |
| **Shimano Road 10-Speed** | | | | | | |
| R10 | SB-R502E | 2x | Internal | Adjustable | 43 |  |
| | SB-R402K | 2x | External | Standard | 43 |  |
| | SB-R402K(S) | 2x | External | Short | 43 | |
| | SB-R403K | 3x | External | Standard | 44 |  |
| | SB-R403K(S) | 3x | External | Short | 44 | |
| **Shimano MTB 10-Speed** | | | | | | |
| XLE 10 | SB-M100 | 1x | External | Standard | 18 |  |
| | SB-M100(S) | 1x | External | Short | 18 | |



# Integrated Drop Bar Shifters

| Series | Model # | Left Shifter | Cable Routing | Reach | Page # | Product Photo |
|---|---|---|---|---|---|---|
| **ADVENT X 10-Speed** | | | | | | |
| ADVENT X | NEW SB-M100A | 1x | External | Standard | 4 |  |
| | NEW SB-M100A(S) | 1x | External | Short | 4 | |
| **Shimano Road 9-Speed** | | | | | | |
| R9 | SB-R492 | 2x | External | Standard | 50 |  |
| | SB-R492(S) | 2x | External | Short | 50 | |
| | SB-R493 | 3x | External | Standard | 51 |  |
| | SB-R493(S) | 3x | External | Short | 51 | |
| | SB-R490 | 1x | External | Standard | 50 |  |
| | SB-R490(S) | 1x | External | Short | 50 | |
| **ADVENT 9-Speed** | | | | | | |
| ADVENT | SB-M090 | 1x | External | Standard | 8 |  |
| | SB-M090(S) | 1x | External | Short | 8 | |

# Integrated Drop Bar Shifters

| Series | Model # | Left Shifter | Cable Routing | Reach | Page # | Product Photo |
|---|---|---|---|---|---|---|
| **Shimano Road 8-Speed** | | | | | | |
| R8 | SB-R482 | 2x | External | Standard | 55 |  |
| | SB-R482(S) | 2x | External | Short | 55 | |
| | SB-R483 | 3x | External | Standard | 55 |  |
| | SB-R483(S) | 3x | External | Short | 55 | |
| | SB-R480 | 1x | External | Standard | 55 |  |
| | SB-R480(S) | 1x | External | Short | 55 | |
| **7-Speed** | | | | | | |
| Road Non-Group | SB-R372 | 2x | External | Standard | 59 |  |
| | SB-R372(S) | 2x | External | Short | 59 | |
| | SB-R373 | 3x | External | Standard | 59 |  |
| | SB-R373(S) | 3x | External | Short | 59 | |
| | SB-R370 | 1x | External | Standard | 59 |  |
| | SB-R370(S) | 1x | External | Short | 59 | |
| **Shimano Internal Geared Hub Compatible** | | | | | | |
| Alfine-11 Compatible | SB-N110 | 1x | External | Standard | 64 |  |
| | SB-N110(S) | 1x | External | Short | 64 | |
| Alfine-8 Compatible | SB-N080 | 1x | External | Standard | 64 |  |
| | SB-N080(S) | 1x | External | Short | 64 | |

# Trail Trigger Shifters

| Series | Model # | Left Shifter | Silicone Pad | Single Click | Page # | Product Photo |
|---|---|---|---|---|---|---|
| **ADVENT X 10-Speed** | | | | | | |
| ADVENT X | NEW SL-M9605-R | – | ● | – | 4 |  |
| | NEW SL-M9605-ER | – | ● | ● | 4 | |
| | NEW SL-M9505-R | – | – | – | 4 |  |
| **ADVENT 9-Speed** | | | | | | |
| ADVENT | NEW SL-M9295-R | – | ● | – | 7 |  |
| | NEW SL-M9195-R | – | – | – | 7 |  |

# Xpress Trigger Shifters

| Series | Model # | Left Shifter | Gear Indicator | Bearing Mechanism | Page # | Product Photo |
|---|---|---|---|---|---|---|
| **Shimano MTB 11-Speed** | | | | | | |
| XCD | SL-M861-R | – | – | ● | 14 |  |
| XLE 11 | SL-M851-R | – | – | – | 15 |  |
| | SL-M851-2 | 2x | – | – | 15 | |
| **Shimano Road 11-Speed** | | | | | | |
| Centos 11 | SL-R861-2 | 2x | – | ● | 36 |  |
| | SL-R761-2 | 2x | ● | ● | 36 | |
| **Shimano MTB 10-Speed** | | | | | | |
| XLE 10 | SL-M850-R | – | – | – | 18 |  |
| | SL-M850-2 | 2x | – | – | 18 |  |
| | SL-M850-3 | 3x | – | – | 18 | |
| | SL-M760-2 | 2x | ● | – | 18 |  |
| | SL-M760-3 | 3x | ● | – | 18 |  |
| **Shimano Road 10-Speed Tiagra 4700** | | | | | | |
| Centos 10 | SL-R860B-2 | 2x | – | ● | 40 |  |

# Xpress Trigger Shifters

| Series | Model # | Left Shifter | Gear Indicator | Bearing Mechanism | Page # | Product Photo |
|---|---|---|---|---|---|---|
| **Shimano Road 10-Speed** | | | | | | |
| R10 | SL-R760-2 | 2x | ● | – | 44 |  |
| | SL-R760-3 | 3x | ● | – | 44 | |
| **ADVENT 9-Speed** | | | | | | |
| ADVENT | SL-M8195-R | – | – | ● | 7 |  |
| | SL-M819-R | – | – | – | 7 | |
| | SL-M819-L | 2x | – | – | 7 | |
| **Shimano MTB 9-Speed** | | | | | | |
| MarvoLT | SL-M859 | 2x/3x | – | – | 23 |  |
| | SL-M759-3 | 3x | ● | – | 23 |  |
| **Shimano Road 9-Speed** | | | | | | |
| R9 | SL-R859-2 | 2x | – | – | 51 |  |
| | SL-R769-2 | 2x | ● | – | 52 |  |
| | SL-R769-3 | 3x | ● | – | 52 | |

# Xpress Trigger Shifters

| Series | Model # | Left Shifter | Gear Indicator | Bearing Mechanism | Page # | Product Photo |
|---|---|---|---|---|---|---|
| **Acolyte 8-Speed** | | | | | | |
| Acolyte | NEW SL-M7180-R | – | ● | – | 11 |  |
| **Shimano Road 8-Speed** | | | | | | |
| R8 | SL-R758-2 | 2x | ● | – | 56 |  |
| | SL-R758-3 | 3x | ● | – | 56 | |
| **Shimano Internel Geared Hub Compatible** | | | | | | |
| Alfine-8 Compatible | SL-N768 | – | ● | – | 65 |  |
| Nexus-8 Compatible | SL-N758 | – | ● | – | 65 |  |
| Nexus-7 Compatible | SL-N757 | – | ● | – | 65 |  |

# Bar End Shifters

| Compatibility | Series | Model # | Left Shifter | Index/Friction Switch | Page # | Product Photo |
|---|---|---|---|---|---|---|
| **12-Speed** | | | | | | |
| SHIMANO MTB | MTB Non-Group | BS-M12-R | – | ● | 29 |  |
| SRAM MTB | MTB Non-Group | BS-SR-M12-R | – | ● | 29 |  |
| **11-Speed** | | | | | | |
| SHIMANO Road | Centos 11 | BS-A11 | 2x / 3x | – | 37 |  |
| SHIMANO MTB | MTB Non-Group | BS-M11 | 2x / 3x | ● | 30 |  |
| | MTB Non-Group | BS-M11-R | – | ● | 30 | |
| SRAM MTB | MTB Non-Group | BS-SR-M11-R | – | ● | 30 |  |
| **10-Speed** | | | | | | |
| SHIMANO Road | R10 | BS-T10 | 2x / 3x | ● | 45 |  |
| | R10 | BS-A10 | 2x / 3x | – | 45 | |
| SHIMANO Tiagra 4700 | Centos 10 | BS-T10B | 2x / 3x | ● | 40 |  |
| | Centos 10 | BS-A10B | 2x / 3x | – | 40 | |
| SHIMANO MTB | MTB Non-Group | BS-M10 | 2x / 3x | ● | 30 |  |
| | MTB Non-Group | BS-M10-R | – | ● | 30 | |

# Bar End Shifters

| Compatibility | Series | Model # | Left Shifter | Index/Friction Switch | Page # | Product Photo |
|---|---|---|---|---|---|---|
| **9-Speed** | | | | | | |
| SHIMANO Road | R9 | BS-T09 | 2x / 3x | ● | 52 |  |
| | R9 | BS-A09 | 2x / 3x | – | 52 | |
| ADVENT | ADVENT | BS-M19-R | – | ● | 8 |  |
| **8-Speed** | | | | | | |
| SHIMANO Road | R8 | BS-T08 | 2x / 3x | ● | 56 |  |
| | R8 | BS-A08 | 2x / 3x | – | 56 | |
| SHIMANO Alfine/Nexus Compatible | City | BS-N08-R | – | – | 64 |  |

# Thumb Shifters

| Compatibility | Series | Model # | Left Shifter | Index/Friction Switch | Page # | Product Photo |
|---|---|---|---|---|---|---|
| **12-Speed** | | | | | | |
| SHIMANO MTB | MTB Non-Group | SL-M12-R | – | ● | 29 |  |
| SRAM MTB | MTB Non-Group | SL-SR-M12-R | – | ● | 29 |  |
| **11-Speed** | | | | | | |
| SHIMANO Road | Centos 11 | SL-A11 | 2x / 3x | – | 37 |  |
| SHIMANO MTB | MTB Non-Group | SL-M11 | 2x / 3x | ● | 29 |  |
| | MTB Non-Group | SL-M11-R | – | ● | 29 |  |
| SRAM MTB | MTB Non-Group | SL-SR-M11-R | – | ● | 29 |  |
| **10-Speed** | | | | | | |
| SHIMANO Road | R10 | SL-T10 | 2x / 3x | ● | 45 |  |
| | R10 | SL-A10 | 2x / 3x | – | 45 |  |
| SHIMANO Tiagra 4700 | Centos 10 | SL-T10B | 2x / 3x | ● | 41 |  |
| | Centos 10 | SL-A10B | 2x / 3x | – | 41 |  |
| SHIMANO MTB | MTB Non-Group | SL-M10 | 2x / 3x | ● | 30 |  |
| | MTB Non-Group | SL-M10-R | – | ● | 30 |  |

# Thumb Shifters

| Compatibility | Series | Model # | Left Shifter | Index/Friction Switch | Page # | Product Photo |
|---|---|---|---|---|---|---|
| **9-Speed** | | | | | | |
| SHIMANO Road | R9 | SL-T09 | 2x / 3x | ● | 52 |  |
| | R9 | SL-A09 | 2x / 3x | – | 52 | |
| ADVENT | ADVENT | SL-M19 | – | ● | 8 |  |
| **8-Speed** | | | | | | |
| SHIMANO Road | R8 | SL-T08 | 2x / 3x | ● | 56 |  |
| | R8 | SL-A08 | 2x / 3x | – | 56 | |
| SHIMANO Alfine/Nexus Compatible | City | SL-N08-R | – | – | 64 |  |

# Thumb Tap Shifters

| Compatibility | Model # | Left Shifter | Shifter Body | Optical Gear Indicator | Page # | Product Photo |
|---|---|---|---|---|---|---|
| **9-Speed** | | | | | | |
| SHIMANO MTB | TS71-9 | 3x | Alloy | ● | 32 |  |
| | TS39-29 | 2x | Composite | ● | 25 |  |
| | TS39-9 | 3x | Composite | ● | 25 |  |
| | TS38-9 | 3x | Composite | ● | 31 |  |
| **8-Speed** | | | | | | |
| SHIMANO MTB | TS71-8 | 3x | Alloy | ● | 32 |  |
| | TS39-28 | 2x | Composite | ● | 25 |  |
| | TS39-8 | 3x | Composite | ● | 25 |  |
| | TS38-8 | 3x | Composite | ● | 31 |  |
| **7-Speed** | | | | | | |
| SHIMANO MTB | TS39-7 | 3x | Composite | ● | 25 |  |
| | TS38-7 | 3x | Composite | ● | 31 |  |
| SHIMANO Nexus Compatible | TN71-7 | – | Alloy | ● | 65 |  |

# Thumb Tap Shifters

| Compatibility | Model # | Left Shifter | Shifter Body | Optical Gear Indicator | Page # | Product Photo |
|---|---|---|---|---|---|---|
| **6-Speed** | | | | | | |
| SHIMANO MTB | TS39-6 | 3x | Composite | ● | 25 |  |
| | TS38-6 | 3x | Composite | ● | 31 |  |

# Twist Shifters

| Compatibility | Model # | Left Shifter | Gear Indicator Style | Grip Style | Page # | Product Photo |
|---|---|---|---|---|---|---|
| **9-Speed** | | | | | | |
| SHIMANO MTB | DS85-9 | 3x | Window | Textured | 32 |  |
| **8-Speed** | | | | | | |
| SHIMANO MTB | DS85-8 | 3x | Window | Textured | 32 |  |
| | MS29-8 | 3x | Dial and Arrow | Textured | 33 |  |
| | MS25-8 | 3x | Dial and Arrow | Knurled | 33 |  |
| **7-Speed** | | | | | | |
| SHIMANO MTB | DS85-7 | 3x | Window | Textured | 32 |  |
| | DS45-7R | — | Graphical | Knurled | 32 |  |
| | MS29-7 | 3x | Dial and Arrow | Textured | 33 |  |
| | MS25-7 | 3x | Dial and Arrow | Knurled | 33 |  |
| | MS12-7 | 3x | Dial and Arrow | Knurled | 33 |  |
| **6-Speed** | | | | | | |
| SHIMANO MTB | MS29-6 | 3x | Dial and Arrow | Textured | 33 |  |
| | MS25-6 | 3x | Dial and Arrow | Knurled | 33 |  |
| | MS12-6 | 3x | Dial and Arrow | Knurled | 33 |  |

# Twist Shifters

| Compatibility | Model # | Left Shifter | Shifter Body | Optical Gear Indicator | Page # | Product Photo |
|---|---|---|---|---|---|---|
| **Shimano Internal Geared Hub Compatible** | | | | | | |
| Nexus-8 Compatible | DN85-8 | — | Window | Textured | 66 |  |
| Nexus-7 Compatible | DN85-7 | — | Window | Textured | 66 |  |
| Nexus-3 Compatible | DN85-3 | — | Window | Textured | 66 |  |
| | MN27-3 | — | Dial and Arrow | Knurled | 66 |  |

# Downtube Shifters

| Compatibility | Model # | Left Shifter | Index/Friction Switch | Page # | Product Photo |
|---|---|---|---|---|---|
| **10-Speed** | | | | | |
| SHIMANO Road | SL-D10 | 2x / 3x | — | 60 |  |
| SHIMANO Tiagra 4700 | SL-D10B | 2x / 3x | — | 60 |  |
| **9-Speed** | | | | | |
| SHIMANO Road | SL-D09 | 2x / 3x | — | 60 |  |
| **8-Speed** | | | | | |
| SHIMANO Road | SL-D08 | 2x / 3x | — | 60 |  |

# Front Derailleur

| Series | Model # | Top Gear | Capacity | Cable Route | Attachment | Chain Line | For 20" Wheel | Page # | Product Photo |
|---|---|---|---|---|---|---|---|---|---|
| **MTB 11-Speed** | | | | | | | | | |
| XLE 11 Double | FD-M622-B | 34-38T | 10T | Dual Pull | Band | 48.8mm | — | 16 |  |
| | FD-M622-D | 34-38T | 10T | Dual Pull | Direct | 48.8mm | — | 16 |  |
| | FD-M622G-B | 42-46T | 12T | Dual Pull | Band | 48.8mm | — | 16 |  |
| **Road 11-Speed** | | | | | | | | | |
| Centos 11 Double | FD-R58 | 50-56T | 16T | Down Pull | Brazed-On/ Band | 43.5mm | — | 37 |  |
| **MTB 10-Speed** | | | | | | | | | |
| XLE Double | FD-M612-B | 38-44T | 14T | Dual Pull | Band | 48.8mm | — | 20 |  |
| | FD-M612-D | 38-44T | 14T | Dual Pull | Direct | 48.8mm | — | 20 | |
| XLE Triple | FD-M613-B | 40-42T | 18T | Dual Pull | Band | 50mm | — | 20 |  |
| | FD-M613-D | 40-42T | 18T | Dual Pull | Direct | 50mm | — | 20 | |
| **Road 10-Speed Tiagra 4700** | | | | | | | | | |
| Centos 10 Double | FD-R552 | 50-56T | 16T | Down Pull | Brazed-On/ Band | 43.5mm | — | 41 |  |

# Front Derailleur

| Series | Model # | Top Gear | Capacity | Cable Route | Attachment | Chain Line | For 20" Wheel | Page # | Product Photo |
|---|---|---|---|---|---|---|---|---|---|
| **Road 10-Speed** | | | | | | | | | |
| R10 Double | FD-R712 | 50-56T | 16T | Down Pull | Braze-On/ Band | 43.5mm | — | 46 |  |
| R10 Triple | FD-R730 | 50/39/30T | 20T | Down Pull | Braze-On/ Band | 43.5mm | — | 46 |  |
| | FD-R732 | 52/39/30T | 22T | Down Pull | Braze-On/ Band | 43.5mm | — | 47 |  |
| **MTB 9-Speed** | | | | | | | | | |
| ADVENT Double | FD-T492B | 44-48T | 12-16T | Dual Pull | Band | 48.8mm | — | 9 |  |
| MarvoLT Double | FD-M462 | 34-42T | 14T | Dual Pull | Direct / Band | 48.8mm | — | 24 |  |
| MarvoLT Triple | FD-M43 | 44/32/22T | 22T | Dual Pull | Band | 50/47.5mm | — | 24 |  |
| Mezzo Double | FD-T392 | 44-48T | 12-16T | Dual Pull | Band | 48.8mm | — | 26 |  |
| | FD-M292 | 34-38T | 10-14T | Dual Pull | Band | 48.8mm | — | 26 |  |
| **Road 9-Speed** | | | | | | | | | |
| R9 Double | FD-R352 | 46-52T | 16T | Down Pull | Braze-On/ Band | 43.5mm | — | 53 |  |
| R9 Triple | FD-R353 | 50/39/30T | 20T | Down Pull | Braze-On/ Band | 45mm | — | 53 |  |

# Front Derailleur

| Series | Model # | Top Gear | Capacity | Cable Route | Attachment | Chain Line | For 20" Wheel | Page # | Product Photo |
|---|---|---|---|---|---|---|---|---|---|
| Road Non-Group Double | FD-R52H | 50-56T | 16T | Dual Pull | Braze-On/ Band | 43.5mm | ● | 60 |  |
| | FD-R52S | 36-50T | 14T | Dual Pull | Braze-On/ Band | 43.5mm | – | 61 |  |
| Road Non-Group Triple | FD-R539H | 52/42/30T | 22T | Down Pull | Braze-On/ Band | 45mm | ● | 60 |  |
| MTB 8-Speed | | | | | | | | | |
| Mezzo Double | FD-T382 | 44-48T | 12-16T | Dual Pull | Band | 48.8mm | – | 26 |  |
| | FD-M382 | 34-38T | 10-14T | Dual Pull | Band | 48.8mm | – | 26 |  |
| | FD-M282 | 34-38T | 10-14T | Dual Pull | Band | 48.8mm | – | 26 | |
| Mezzo Triple | FD-M30 | 42/32/22T | 20T | Dual Pull | Band | 50/47.5mm | – | 27 |  |
| Road 8-Speed | | | | | | | | | |
| R8 Double | FD-R252 | 46-52T | 16T | Down Pull | Braze-On/ Band | 43.5mm | – | 57 |  |
| R8 Triple | FD-R253 | 50/39/30T | 20T | Down Pull | Braze-On/ Band | 45mm | – | 57 |  |
| Road Non-Group Triple | FD-R538H | 52/42/30T | 22T | Down Pull | Braze-On/ Band | 45mm | – | 60 |  |
| MTB 7/8-Speed | | | | | | | | | |
| Mezzo Double | FD-T202 | 40-46T | 8-12T | Dual Pull | Band | 48.8mm | – | 26 |  |
| Mezzo Triple | FD-M22 | 48/38/28T | 20T | Dual Pull | Band | 50/47.5mm | – | 27 |  |
| | FD-M20 | 42/34/24T | 18T | Dual Pull | Band | 50/47.5mm | – | 27 |  |

# Rear Derailleur

| Series | Model # | Max Cog | Capacity | Clutch | Page # | Product Photo |
|---|---|---|---|---|---|---|
| Shimano MTB 11-Speed | | | | | | |
| XCD | RD-M865M | 40-46T | 41T | ● | 14 |  |
| XLE 11 | RD-M665M | 40-46T | 41T | ● | 15 |  |
| | RD-M66M | 40-46T | 41T | – | 15 | |
| | RD-M665L | 40-46T | 47T | ● | 15 |  |
| | RD-M66L | 40-46T | 47T | – | 15 | |
| Shimano Road 11-Speed | | | | | | |
| Centos 11 | RD-R58S | 25-30T | 35T | – | 38 |  |
| Shimano MTB 10-Speed | | | | | | |
| XLE 10 | RD-M665M | 40-46T | 41T | ● | 19 |  |
| | RD-M66M | 40-46T | 41T | – | 19 | |
| | RD-M62L | 36-42T | 47T | – | 19 |  |
| | RD-M61L | 32-36T | 43T | – | 19 |  |
| | RD-M61S | 32-36T | 35T | – | 19 | |

# Rear Derailleur

| Series | Model # | Max Cog | Capacity | Clutch | Page # | Product Photo |
|---|---|---|---|---|---|---|
| **ADVENT X 10-Speed** | | | | | | |
| ADVENT X | NEW RD-M6205AM | 46-48T | 41T | ● | 5 |  |
| | NEW RD-M6205GM | 46-48T | 41T | ● | 5 | |
| **Shimano Tiagra 4700 10-Speed** | | | | | | |
| Centos 10 | RD-R55S | 25-30T | 35T | – | 41 |  |
| **Shimano Road 10-Speed** | | | | | | |
| R10 | RD-R47S | 25-28T | 33T | – | 48 |  |
| | RD-R47 | 25-28T | 39T | – | 48 | |
| | RD-R51M | 30-34T | 39T | – | 48 |  |
| **ADVENT 9-Speed** | | | | | | |
| ADVENT 9 | RD-M6195M | 42-46T | 41T | ● | 9 |  |
| | RD-M619M | 42-46T | 41T | – | 9 | |
| | RD-M6195L | 42-46T | 47T | ● | 9 |  |
| | RD-M619L | 42-46T | 47T | – | 9 | |

# Rear Derailleur

| Series | Model # | Max Cog | Capacity | Clutch | Page # | Product Photo |
|---|---|---|---|---|---|---|
| **Shimano MTB 9-Speed** | | | | | | |
| MarvoLT | RD-M46L | 32-36T | 45T | – | 23 |  |
| | RD-M46S | 32-36T | 39T | – | 23 | |
| **Shimano Road 9-Speed** | | | | | | |
| R9 | RD-R42S | 28T | 33T | – | 53 |  |
| | RD-R42 | 28T | 39T | – | 53 | |
| | RD-R43M | 30-34T | 39T | – | 54 |  |
| **Acolyte 8-Speed** | | | | | | |
| Acloyte 8 | NEW RD-M5185M | 42-46T | 41T | ● | 11 |  |
| | NEW RD-M5180M | 42-46T | 41T | – | 11 | |
| **Shimano MTB 8 / 9-Speed** | | | | | | |
| Mezzo | RD-M36L | 28-36T | 45T | – | 26 |  |
| | RD-M36S | 28-36T | 39T | – | 26 | |
| **Shimano MTB 7 / 8-Speed** | | | | | | |
| MTB Non-Group | RD-M26L | 28-36T | 45T | – | 34 |  |
| | RD-M26S | 28-36T | 39T | – | 34 | |
| | RD-M26CL | 28-34T | 45T | – | 34 | |
| | RD-M26CS | 28-34T | 39T | – | 34 | |

# Rear Derailleur

| Series | Model # | Max Cog | Capacity | Clutch | Page # | Product Photo |
|---|---|---|---|---|---|---|
| **Shimano Road 7 / 8 / 9-Speed** | | | | | | |
| R8 | RD-R32 | 25-28T | 39T | – | 57 |  |
| | RD-R32S | 25-28T | 33T | – | 57 | |
| **Shimano MTB 6 / 7-Speed** | | | | | | |
| MTB Non-Group | RD-M21L | 28-30T | 43T | – | 34 |  |
| | RD-M21LA | 28-30T | 43T | – | 34 |  |
| | RD-M21S | 28-30T | 37T | – | 34 |  |
| | RD-M21SA | 28-30T | 37T | – | 34 | |
| | RD-M21SS | 28-30T | 21T | – | 34 |  |
| | RD-M21SSA | 28-30T | 21T | – | 34 | |
| **Shimano Road 6 / 7 -Speed** | | | | | | |
| Road Non-Group | RD-M21S | 28-30T | 37T | – | 61 |  |
| | RD-M21SA | 28-30T | 37T | – | 61 | |
| | RD-M21SS | 28-30T | 21T | – | 61 |  |
| | RD-M21SSA | 28-30 T | 21T | – | 61 | |

# Cassette

| Hub Compatibility | Model # | Range | Spider | Finish | Page # | Product Photo |
|---|---|---|---|---|---|---|
| **11-Speed** | | | | | | |
| MTB 11-Speed | CS-G113 | 11-42T<br>11-46T | ● | ED Black | 14 |  |
| | CS-H113 | 11-40T<br>11-42T<br>11-46T | – | ED Black | 17 |  |
| Road 11-Speed | CS-G110 | 11-25T<br>11-28T<br>11-32T | ● | Chrome | 38 |  |
| | CS-H110 | 11-25T<br>11-28T<br>11-32T<br>11-34T | – | Chrome | 39 |  |
| **10-Speed** | | | | | | |
| MTB 10-Speed | NEW CS-G104 | 11-48T | ● | 2 Layered ED Black | 5 |  |
| | NEW CS-H104 | 11-48T | – | 2 Layered ED Black | 5 |  |
| | CS-H103 | 11-40T<br>11-42T | – | ED Black | 20 |  |
| | CS-G100 | 11-36T | ● | Chrome | 21 |  |
| | CS-H100 | 11-32T<br>11-34T<br>11-36T | – | Chrome | 21 |  |
| Road 10-Speed | CS-G100 | 11-25T<br>11-28T | ● | Chrome | 42 |  |
| | CS-H100 | 11-25T<br>11-28T<br>11-32T<br>11-34T | – | Chrome | 49 |  |

# Cassette

| Hub Compatibility | Model # | Range | Spider | Finish | Page # | Product Photo |
|---|---|---|---|---|---|---|
| **9-Speed** | | | | | | |
| MTB 9-Speed | CS-H093A | 11-42T | — | ED Black | 10 |  |
| | CS-H093 | 11-42T | — | ED Black | 10 |  |
| | | 11-46T | — | ED Black | | |
| MTB / Road 9-Speed | CS-H092 | 11-32T<br>11-34T<br>11-36T | — | Nickel | 24 |  |
| | CS-H092 | 11-25T<br>12-25T<br>11-28T<br>11-32T<br>11-34T | — | Nickel | 54 |  |
| **8-Speed** | | | | | | |
| MTB / Road 8-Speed | NEW CS-H083 | 12-42T | — | ED Black | 12 |  |
| | | 12-46T | — | ED Black | | |
| | CS-H082 | 11-32T<br>12-32T<br>11-34T | — | Nickel | 27 |  |
| | CS-H082 | 11-28T<br>11-32T<br>12-32T<br>11-34T | — | Nickel | 58 | |
| | CS-H081 | 11-32T<br>12-32T<br>11-34T | — | Black | 27 |  |
| | CS-H081 | 12-25T<br>11-28T<br>12-28T | — | Black | 58 | |
| **7-Speed** | | | | | | |
| MTB / Road 7-Speed | CS-H072 | 12-28T | — | Nickel | 28 / 62 |  |
| | CS-H071 | 12-28T | — | Black | 28 / 62 |  |