microSHIFT

2018



INDEX

INTRODUCTION 1

NEW PRODUCTS 2
TECHNOLOGY 3
SPONSORSHIP 4
SERVICE 6

ROAD BIKE COMPONENTS 7

ARSIS11 8
CENTOS11 9
CENTOS 11
R10 12
R9 13
R8 15
NON-GROUP COMPONENTS 17

CITY BIKE COMPNENTS 21

SHIMANO ALFINE/ NEXUS. SERIES COMPATIBLE 22

MOUNTAIN BIKE / TREKKING COMPONENETS 24

XCD 25
XLE11 26
XLE 27
MARVO LT 29
MEZZO 30
NON-GROUP COMPONENTS 31

TECHNICAL DATA

SPECIFICATIONS 1 34
SPECIFICATIONS 2 35
SPECIFICATIONS 3 36
SPECIFICATIONS 4 37
SPECIFICATIONS 5 38

NEW PRODUCTS

NEW 11 SPEED CASSETTES

CS-G110 11-25T, 11-28T ▶▶ P.8

CS-G110 11-46T MEGA
11-13-15-17-21-24-28-32-36-40-46
Weight:503g

CS-H110 11-25T, 11-28T ▶▶ P.10

CS-H110 11-46T MEGA
11-13-15-17-21-24-28-32-36-40-46
Weight:619g



CS-G110



CS-H110

NEW MTB XLE 1 x 11 XLE

SL-M851R Xpress+ Shift Lever
- Bearings inside mechanism
▶▶ P.26

RD-M625L Rear Derailleur
• Active Motion Technology with ON /OFF clutch function.



SL-M851R



RD-M625L

NEW SHIFTERS

TS39-8/9 3 ×8/9-Speed
• Light shifting mechanism
• Economical design
▶▶ P.30



TS39-8/9

DS45-7R Smart Deck Shifter (7-Speed)
• Low Torque Technology
▶▶ P.32



DS45-7R

NEW REAR DERAILLEUR

RD-M36L 3 ×8/9-Speed ▶▶ P.30

RD-M26L 2/3 × 7/8/9-Speed
• Economical Type
▶▶ P.33



RD-M36L



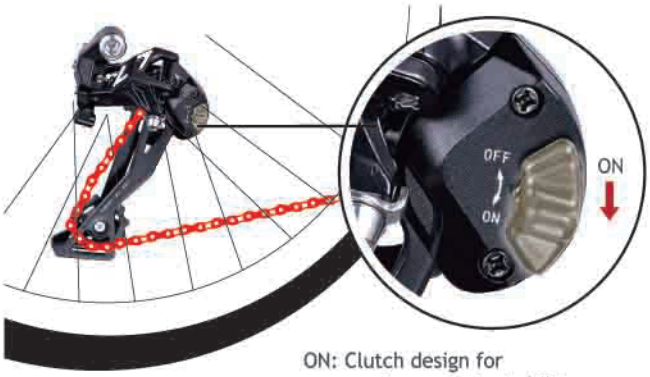
RD-M26L

TECHNOLOGY

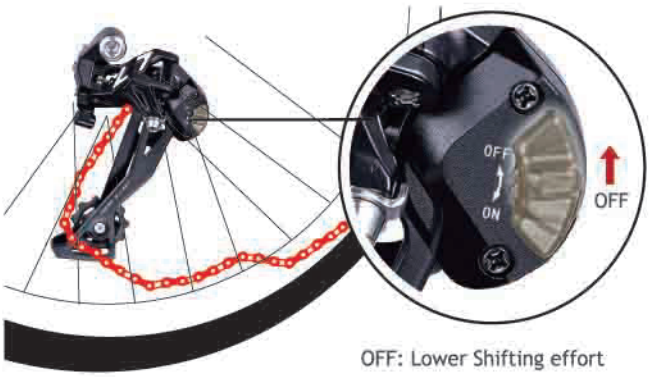
NEW

ACTIVE MOTION TECHNOLOGY

Active Motion Rear Derailleurs



ON: Clutch design for maximum chain stability



OFF: Lower Shifting effort

NEW

LOW TORQUE TECHNOLOGY

Smart deck shifter



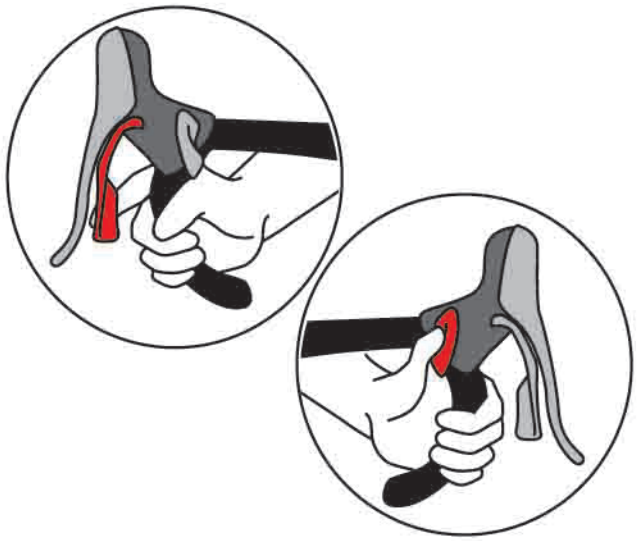


Intuitive Indicator

microSHIFT INDEPENDENT CONTROL

Independent Shift Levers

- Separate tapers to shift-up (down) with no confusion. No worry of unexpected braking when shifting.
- Easy control from multiple directions.



SHIFT & GO TECHNOLOGY

Independent Shift Levers



SPONSORSHIP 2017











SPONSORSHIP 2017









SERVICE

ORIGINAL microSHIFT PARTS

It is very pleased and thankful that some of microSHIFT's exclusive distributors provide service for customers. For faster response and shipment, contact local distributor directly for replacement parts is highly recommended. However, we also recognized that not all of the countries have distributor yet. Most importantly, we know the difficulty that it is absolutely impossible for our distributors to carry all of the service parts as microSHIFT now offer more than 300 models. Therefore, we have decided to service customer with original microSHIFT parts to precisely match our design in order to remain fully functional and high performance.



WHAT NEED TO BE PREPARED ARE:

1 >> PHOTOS
Clear photos of broken parts that need to be replaced.

2 >> MODEL NAME
Model name if possible or description of the product.

3 >> EMAIL
Submit request to parts & Service division at:
service@microshift.com.tw

4 >> PAYMENT
Payment through PayPal.*

**For small parts, only shipping and handling fee will be charged. For others, additional fees may be applied.*
*** Parts are subject to availability.*

ROAD



LINEUP & COMPATIBILITY

	microSHIFT Models			SHIMANO
Series	Shifter	Front Derailleur	Rear Derailleur	Reference
ARSIS11	SB-R512C BS-C11	FD-R68 double chainring	RD-R68S	Dura-Ace 9000 11s Ultegra 6800 11s
CENTOS11	SB-R512B SL-R861 BS-A11	FD-R58 double chainring	RD-R58S	105 5800 11s
CENTOS	SB-R502B SL-R860B-2 BS-A10B	FD-R552 double chainring	RD-R55S	Tiagra 4700 10s
R10	SB-R402K SL-R760-2	FD-R712 double chainring	RD-R51M	Tiagra 4600 10s
	BS-A10	FD-R74 double chainring	RD-R47S	
	SB-R403K SL-R760-3	FD-R730 50-39-30T FD-R732 52-39-30T	RD-R47	Tiagra 4603 10s
R9	SB-R492 SL-R492(S) SL-R769-2	FD-R352 double chainring	RD-R43M	Sora 3500 9s Sora R3000 9s
	BS-A09	FD-R329 double chainring	RD-R42S	
	SB-R493 SB-R493(S) SL-R769-3	FD-R353 50-39-30T	RD-R42	Sora 3503 9s Sora R3030 9s
R8	SB-R482 SB-R482(S) SL-R758-2	FD-R252 double chainring FD-R328 double chainring	RD-R32S	Claris 2400 8s
	SB-R483 SB-R483(S) SL-R758-3	FD-R253 50-39-30T FD-R338 52-42-30T	RD-R32	Claris 2403 8s

* The specification of above models are compatible with SHIMANO derailleur system.

ARsis11 2 x 11-speed

SB-R512C

Dual Control Lever (2×11-Speed)
- Inner route cables
- microSHIFT Independent Control Technology
- Shift & Go Technology
  - Shift-Down: Max. 3 gears in one stroke
  - Shift-Up: Max. 4 gears in one stroke
- Carbon brake levers
- Cold Forged Aluminum shift levers
- Replaceable hood cover
- Screw type adjustable reach (0-12mm)
- Weight: 498g (Pair)



BS-C11

Bar end Shifter (2/3 ×11-Speed)
- Carbon shift levers
- Left side: micro-Index
  Right side: Index
- Weight: 136g (Pair)



FD-R68-B/F

Front Derailleur (2×11-Speed)
- Cold forged Aluminum bracket
- Carbon outer link
- Down pull
- Chainstay angle: 61-66°
- Capacity: 16T
- Top Gear Teeth: 50-56T
- Chain Line: 43.5mm
- Weight: 97g (F)

Mount Options:
- **B: Clamp type 34.9 with 31.8 adapter**
- **F: Brazed on type**



RD-R68S

Rear Derailleur (2×11-Speed)
- Carbon outer link
- Sealed bearings inside pulleys
- Short cage
- Max. sprocket: 25-32T
- Total capacity: 35T
- Weight: 197g





NEW
CS-G110

Cassette with Spider (11 speed)
- Chrome plated sprockets
- Aluminum alloy bracket spider
- Steel lock ring
- **Gear combination: 11-25T, 11-28T**
- Weight: 279.5g (11-25T)
  286.5g (11-28T)

SB-R512B *Anodized Black / Piano White*

Dual Control Lever (2×11-Speed)
- Inner route cables
- microSHIFT Independent Control Technology
- Shift & Go Technology
  - Shift-Down: Max. 3 gears in one stroke
  - Shift-Up: Max. 4 gears in one stroke
- Cold Forged Aluminum Shift lever
- Cold Forged Aluminum brake lever
- Replaceable hood cover
- Screw type adjustable reach (0~12mm)
- Weight: 498g (Pair)



SL-R861

Xpress+ Shift Lever (2×11-Speed)
- Xpress+ Technology
  - Bearings inside mechanism
- Aluminum Shift Lever
- Extra light Shifting
- Extra light Weight
- For flat type handlebar
- **Left Shifter with trimming function**
- Shimano Road compatible
- **Weight: 205g (Pair)**



SL-R761

Xpress+ Shift Lever (2×11-Speed)
- Optical gear indicator
- Xpress+ Technology
  - Bearings inside mechanism
- Aluminum Shift Lever
- For flat type handlebar
- **Left Shifter with trimming function**
- Weight: 292g (Pair)



BS-A11

Bar end Shifters (2/3 ×11-Speed)
- Aluminum shift levers
- Left side: micro-Index
  Right side: Index
- Weight: 140g (Pair)



FD-R58-B/F *Stone Black / Ceramics White*

Front Derailleur (2×11-Speed)

- Cold Forged Aluminum Bracket
- Cold Froged Inner & Outer Link
- Down pull
- Chainstay angle: 61-66°
- Capacity: 16T
- Top Gear Teeth: 50-56T
- Chain Line: 43.5mm
- Weight: 95g (F)

Mount Options:

- B: Clamp type 34.9 with 31.8 adapter

- F: Brazed on type



RD-R58S *Stone Black / Ceramics White*

Rear Derailleur (2×11-Speed)

- Full Aluminum
- Short cage
- Max. sprocket: 25-32T
- Total capacity: 35T
- Weight: 194g





NEW

CS-H110

Cassette (11 Speed)

- Chrome plated sporckets
- Steel lock ring
- **Gear combination: 11-25T, 11-28T, 11-32T**
- Weight: 301g (11-25T)
  311g (11-28T)
  371g (11-32T)

SB-R502B *Anodized Black /Piano White*

Dual Control Lever (2×10-Speed)

- Inner route cables
- microSHIFT Independent Control Technology
- Shift & Go Technology
  -Shift-Down: Max. 3 gears in one stroke
  -Shift-Up: Max. 4 gears in one stroke
- Cold Forged Aluminum brake levers
- Steel/Resin shift levers
- Replaceable hood cover
- Screw type adjustable reach (0–12mm)
- Weight: 498g (Pair)



SL-R860B-2

Xpress+ Shift Lever (2×10-Speed)

- Xpress+ Technology
  - Bearings inside mechanism
- Aluminum Shift Lever
- Extra light Shifting
- Extra light Weight
- For flat type handlebar
- **Left Shifter with trimming function**
- Shimano Road compatible
- **Weight: 205g (Pair)**



BS-T10B

Transferable Bar end Shifter (2/3 ×10-Speed)

BS-A10B

Bar end Shifter (2/3 ×10-Speed)

- Full Aluminum
- A model:
  - Left side: micro-Index
  - Right side: Index
- T model:
  - Left side: micro-Index
  - **Right side: Index /Friction transferable**
- Shimano new Tiagra 4700 compatible.
- Weight: 140g (A) (Pair)
  141g (T) (Pair)



BS-T10B

FD-R552-B/F *Anodized Black / Ceramics White*

Front Derailleur (2×10-Speed)

- Cold Forged Aluminum Bracket
- Cold Froged Inner & Outer Link
- Down pull
- Chainstay angle: 61-66°
- Capacity: 16T
- Top Gear Teeth: 50-56T
- Chain Line: 43.5mm
- **Rear Sprocket max ≦ 34T**
- Weight: 119g (B)

Mount Options:

- B: Clamp type 34.9 with 31.8 adapter

- F: Brazed on type



RD-R55S *Anodized Black / Ceramics White*

Rear Derailleur (2×10-Speed)

- Full Aluminum.
- Short cage
- Max. sprocket: 25-32T
- Total capacity: 35T
- Weight: 195g



CS-G100

Cassette with Spider (10 speed)

- Chrome plated sprockets
- Aluminum alloy bracket spider
- Aluminum lock ring
- **Gear combination: 11-25T, 11-28T**
- Weight: 239g (11-25T)
  255g (11-28T)



SB-R402K *Silver /Anodized Black*
Dual Control Lever (2×10-Speed)

SB-R402K(S) *Silver /Anodized Black*
Short Reach Dual Control Lever (2×10-Speed)

SB-R403K *Silver /Anodized Black*
Dual Control Lever (3x10-Speed)

SB-R403K(S) *Silver /Anodized Black*
Short Reach Dual Control Lever (3x10-Speed)

- microSHIFT Independent Control Technology
- Shift & Go Technology
  - Shift-Up: Max.3 gears in one stroke
- Resin/ Steel shift levers
- Cold Forged Aluminum brake levers
- Replaceable hood cover
- Short Reach distance difference: 10mm
- Weight: 430g (pair)



SL-R760-2
Xpress Shift Lever (2×10-Speed)

SL-R760-3
Xpress Shift Lever (3×10-Speed)

- Optical gear indicator
- Aluminum Shift Lever
- For flat type handlebar
- **Left Shifter with trimming function**
- SHIMANO road compatible
- Weight: 284g (Pair)



BS-T10
Transferable Bar and Shifter (2/3 x10-Speed)

BS-A10
Bar and Shifter (2/3 x10-Speed)

- Full Aluminum
- A model:
  - Left side: micro-Index
  - Right side: Index
- T model:
  - Left side: micro-Index
  - **Right side: Index/Friction transferable**
- Shimano 5700, 4600 compatible.
- Weight: 140g (A) (Pair)
  141g (T) (Pair)



BS-T10

FD-R712-B/F *Silver /Black*
Front Derailleur (2×10-Speed)

- Down pull
- Chainstay angle: 61-66°
- Capacity: 16T
- Top Gear Teeth: 50-56T
- Chain Line: 43.5mm
- **Rear Sprocket max ≦ 34T**
- Weight: 96g (F)

Mount Options:
- **B: Clamp type 34.9 with 31.8 adapter**
- **F: Brazed on type**



FD-R730-B/F *Silver / Anodized Black*

Front Derailleur (50-39-30T ×10-Speed)

FD-R732-B/F *Silver / Anodized Black*

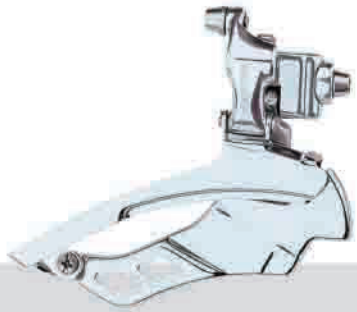
Front Derailleur (52-39-30T ×10-Speed)

- Cold forged Aluminum bracket
- Cold forged Aluminum inner & outer link
- Down pull
- Chainstay angle: 63-66°
- Capacity: 20T (FD-R730-B/F)
  22T (FD-R732-B/F)
- Chain Line: 45mm
- Weight: 119g (FD-R730F)
  117g (FD-R732F)

Mount Options:

- B: Clamp type 34.9 with 31.8 adapter

- F: Brazed on type



FD-R732-F

RD-R47S *Silver / Anodized Black*

Rear Derailleur Short Cage (2×10-Speed)

RD-R47 *Silver / Anodized Black*

Rear Derailleur Long Cage (3×10-Speed)

- Full Aluminum
- Max. sprocket: 28T
- Total capacity: 33T (RD-R47S)
  39T (RD-R47)
- Weight: 218g (RD-R47S)
  226g (RD-R47)



RD-R47S

RD-R51M

Rear Derailleur (2×10-Speed)

- Full Aluminum
- Medium cage for Mega sprocket 30-34T
- Max. sprocket: 30T-34T
- Total capacity: 39T
- Weight: 220g





NEW

CS-H100

Cassette (10 speed)

- Chrome plated sprockets
- Steel lock ring
- Gear combination: 11-25T, 11-28T, 11-32T, 11-34T
- Weight: 274g (11-25T)
  289g (11-28T)
  351g (11-32T)
  377g (11-34T)

SB-R492 *Silver / Black*
Dual Control Lever (2×9-Speed)

SB-R492(S) *Silver / Black*
Short Reach Dual Control Lever (2×9-Speed)

SB-R493 *Silver / Black*
Dual Control Lever (3×9-Speed)

SB-R493(S) *Silver / Black*
Short Reach Dual Control Lever (3×9-Speed)

- microSHIFT Independent Control Technology
- Shift & Go Technology
  - Shift-Up: Max. 3 gears in one stroke
- Resin/Steel shift levers
- Cold Forged Aluminum brake levers
- Replaceable hood cover
- Short Reach distance difference: 10mm
- Weight: 430g (pair)



SL-R769-2
Xpress Shift Lever (2×9-Speed)

SL-R769-3
Xpress Shift Lever (3×9-Speed)

- Optical gear indicator
- Aluminum Shift Lever
- For flat type handlebar
- **Left Shifter with trimming function**
- SHIMANO road compatible
- Weight: 282g (Pair)



SL-R859-2
Xpress Shift Lever (2 ×9-Speed)

- Extra light Shifting
- Extra light Weight
- For flat type handlebar
- **Left Shifter with trimming function**
- SHIMANO road compatible
- **Weight: 225g (Pair)**



BS-T09
Transferable Bar end Shifter (2/3 ×9-Speed)

BS-A09
Bar end Shifter (2/3 ×9-Speed)

- Full Aluminum
- A model:
  - Left side: micro-Index
  - Right side: Index
- T model:
  - Left side: micro-Index
  - **Right side: Index/Friction transferable**
- **Shimano Road and MTB 9-Speed compatible**
- Weight: 162g (A) (Pair)
  163g (T) (Pair)



FD-R352-B/F

Front Derailleur (2×9-Speed)

- Down pull
- Chainstay angle: 61-66°
- Capacity: 16T
- Top Gear Teeth: 46-52T
- Chain Line: 43.5mm
- **Rear Sprocket max ≦ 34T**
- Weight: 125g (B)

Mount Options:

- B: Clamp type 34.9 with 31.8 adapter

- F: Brazed on type



FD-R353-B/F

Front Derailleur (50-39-30T ×9-Speed)

- Down pull
- Chainstay angle: 63-66°
- Capacity: 20T
- Chain Line: 45mm
- **Rear Sprocket max ≦ 34T**
- Weight: 140g (B)

Mount Options:

- B: Clamp type 34.9 with 31.8 adapter

- F: Brazed on type



RD-R42S

Rear Derailleur Short Cage (2 ×9/10-Speed)

RD-R42

Rear Derailleur Long Cage (3 ×9/10-Speed)

- Steel cage
- Max. sprocket: 28T
- Total capacity: 33T (RD-R42S)
  39T (RD-R42)
- Weight: 265g (RD-R42S)
  288g (RD-R42)



RD-R42S

RD-R43M

Rear Derailleur (2 ×9/10-Speed)

- Steel medium cage
- Medium cage for Mega sprocket 30-34T
- Max. sprocket: 34T
- Total capacity: 39T
- Weight: 291g



CS-H092

Cassette (9 speed)

- Nickel plated sprockets
- Steel lock ring
- **Gear combination: 11-25T, 12-25T, 11-28T, 11-32T, 11-34T**
- Weight: 273g (11-25T)
  276g (12-25T)
  276g (11-28T)
  337g (11-32T)
  363g (11-34T)



SB-R482
Dual Control Lever (2×8-Speed)

SB-R482(S)
Short Reach Dual Control Lever (2×8-Speed)

SB-R483
Dual Control Lever (3×8-Speed)

SB-R483(S)
Short Reach Dual Control Lever (3×8-Speed)

- microSHIFT Independent Control Technology
- Shift & Go Technology
  - Shift-Up: Max. 3 gears in one stroke
- Resin/Steel shift levers
- Cold Forged Aluminum brake levers
- Replaceable hood cover
- Short Reach distance difference: 10mm
- Weight: 430g (pair)



SL-R758-2
Xpress Shift Lever (2×8-Speed)

SL-R758-3
Xpress Shift Lever (3×8-Speed)

- Optical gear indicator
- For flat type handlebar
- **Left Shifter with trimming function**
- SHIMANO road compatible
- Weight: 279g (Pair)



FD-R252-B/F
Front Derailleur (2×8-Speed)

- Down pull
- Chainstay angle: 61-66°
- Capacity: 16T
- Top Gear Teeth: 46-52T
- Chain Line: 43.5mm
- **Rear Sprocket max ≦ 34T**
- Weight: 126g (B)

Mount Options:
- **B: Clamp type 34.9 with 31.8 adapter**
- **F: Brazed on type**



FD-R253-B/F

Front Derailleur (50-39-30T ×8-Speed)

- Down pull
- Chainstay angle: 63-66°
- Capacity: 20T
- Chain Line: 45mm
- **Rear Sprocket max ≦ 34T**
- Weight: 141g (B)

Mount Options:

- B: Clamp type 34.9 with 31.8 adapter

- F: Brazed on type



RD-R32S

Rear Derailleur Short Cage (2 ×8/9-Speed)

RD-R32

Rear Derailleur Long Cage (3 ×8/9-Speed)

- Resin/Steel Parts
- Max. sprocket: 28T
- Total capacity: 33T (RD-R32S)
  39T (RD-R32)
- Weight: 266g (RD-R32S)
  290g (RD-R32)



CS-H081

Cassette (8 speed)

- Black sprockets
- Steel lock ring
- **Gear combination: 12-25T, 12-28T, 11-28T**
- Weight: 264g (12-25T)
  273g (12-28T)
  270g (11-28T)



SL-A11
Thumb Shifters (2/3 ×11-Speed)

SL-A10
Thumb Shifters (2/3 ×10-Speed)

SL-T10
Transferable Thumb Shifter (2/3 ×10-Speed)

SL-A10B
Thumb Shifters (2/3 ×10-Speed)

SL-T10B
Transferable Thumb Shifter (2/3 ×10-Speed)

SL-A09
Thumb Shifters (2/3 ×9-Speed)

SL-T09
Transferable Thumb Shifter (2/3 ×9-Speed)



- Super light weight
- Full Alluminum CNC
- Micro adjusting barrels
- SL-A10, SL-T10: Shimano 4600 compatible
- SL-A10**B**, SL-T10**B**: Shimano 4700 compatible
- A model:
  - Left side: micro-Index
  - Right side: Index
- T model:
  - Left side: micro-Index
  - **Right side: Index/Friction transferable**
- **11 & 10-Speed: Shimano Road compatible only**
  9-Speed: Shimano Road and MTB compatible

SL-D10
Down Tube Shifters (2/3 ×10-Speed)

SL-D10B
Down Tube Shifters (2/3 ×10-Speed)

SL-D09
Down Tube Shifters (2/3 ×9-Speed)



- Full Alluminum CNC
- SL-D10: Shimano 5700, 4600 compatible
- SL-D10**B**: Shimano 4700 compatible
- Left side: micro-Index
- Right side: Index

SB-R502E *Anodized Black /Piano White*
Dual Control Lever(2 ×10-Speed)



- Inner route cables
- Resin/Steel Shift levers
- Cold Forged Aluminum brake levers
- Screw type adjustable reach (0–12mm)
- **Shimano 6700, 5700, 4600 compatible**
- Weight: 498g (Pair)

SB-R472
Dual Control Lever (2×7-Speed)

SB-R472(S)
Short Reach Dual Control Lever (2×7-Speed)

SB-R473
Dual Control Lever (3x7-Speed)

SB-R473(S)
Short Reach Dual Control Lever (3x7-Speed)



- Resin/Steel shift levers
- Aluminum brake levers
- Short Reach distance difference: 10mm

SB-R490
Dual Control Lever (1×9-Speed)

SB-R490(S)
Short Reach Dual Control Lever (1×9-Speed)

SB-R480
Dual Control Lever (1×8-Speed)

SB-R480(S)
Short Reach Dual Control Lever (1×8-Speed)

SB-R470
Dual Control Lever (1×7-Speed)

SB-R470(S)
Short Reach Dual Control Lever (1×7-Speed)

- Left side brake lever only
- microSHIFT Independent Control Technology
- Shift & Go Technology
  - Shift-Up: Max. 3 gears in one stroke
- Replaceable hood cover
- Short Reach distance difference: 10mm



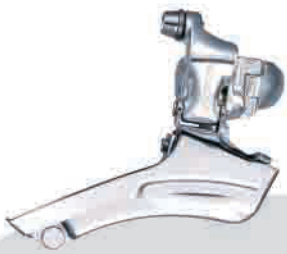
Left side brake only

FD-R74S-B/F
Front Derailleur (2×10-Speed)

FD-R52S-B/F
Front Derailleur (2×9-Speed)

- Down pull
- **Small size chain guide**
- Chainstay angle: 61-66°
- Capacity: 14T
- Top Gear Teeth: 36-50T
- Chain Line: 43.5mm
- **Rear Sprocket max ≦ 34T**

Mount Options:
- **B: Clamp type 34.9 with 31.8 adapter (FD-R74S-B)**
- **B: Clamp type 31.8 with 28.6 adapter (FD-R52S-B)**
- **F: Brazed on type**



FD-R74S-B



FD-R52S-B

RD-M21S /SA
Rear Derailleur Short Cage (2/3 ×6/7-Speed)

RD-M21SS /SSA
Rear Derailleur Super Short Cage (1 ×6/7-Speed)

- Resin/Steel Parts
- Economical type
- Max. sprocket: 32T
- Total capacity: 37T (S /SA)
  21T (SS /SSA)

Mount Options:
- **S /SS: Direct Attachment**
- **SA /SSA: With Bracket (Reverse Type)**



RD-M21S



RD-M21SS



FD-R52H

NEW

FD-R52H
Front Derailleur (2 ×8/9-Speed)

FD-R539H
Front Derailleur (52-42-30T ×9-Speed)

FD-R538H
Front Derailleur (52-42-30T ×8-Speed)

- Down pull
- **Design for 20"frame**
- FD-R52H: Chainstay angle: 70-77°
  Capacity: 16T
  Top Gear Teeth: 50-56T
  Chain Line: 43.5mm
- FD-R539H, FD-R538H: Chainstay angle: 72-75°
  Capacity: 22T
  Chain Line: 45mm
- **Rear Sprocket max ≦ 34T**
- **Clamp type 31.8 with 28.6 adapter**

CITY



LINEUP & COMPATIBILITY

Shifters for internal gear hub					
microSHIFT	SB-N110	SB-N080 SL-N08 BS-N08 SL-N768	SL-N758 DN85-8	SL-N757 DN85-7 TN71-7 MN28-7	DN85-3 MN27-3 DN35-3 BC-01
SHIMANO	Alfine inter 11	Alfine inter 8	Nexus inter 8	Nexus inter 7	Nexus inter 3

* The specification of above models are compatible with SHIMANO derailleur & gear hub system.



For Internal Geared Hub

SB-N110
Dual Control Lever (Alfine 11)

SB-N080
Dual Control Lever (Alfine 8)
- **Left side brake lever only**
- microSHIFT Independent Control Technology
- Resin/Steel shift levers
- Aluminum brake levers
- Replaceable hood cover
- Shimano Alfine compatible



SL-N08
Thumb Shifters (Alfine /Nexus Inter 8)
- Full Alluminum CNC
- Alfine /Nexus Inter 8 compatible



BS-N08
Bar end Shifters (Alfine /Nexus Inter 8)
- Full Aluminum CNC
- Alfine /Nexus Inter 8 compatible



SL-N768
Xpress Shift Lever (Alfine 8 (S7000))
- Optical gear indicator
- Aluminum shift lever
- Alfine 8 (S7000) compatible



SL-N758
Xpress Shift Lever (Nexus Inter 8)

SL-N757
Xpress Shift Lever (Nexus Inter 7)
- Optical gear indicator
- Nexus Inter Series compatible



TN71-7

Thumb-Tap Shifter (Nexus Inter 7)

- Optical gear indicator
- Nexus Inter 7 compatible



DN85-8

Twist Type Shifter (Nexus Inter 8)

DN85-7

Twist Type Shifter (Nexus Inter 7)

DN85-3

Twist Type Shifter (Nexus Inter 3)

- Optical gear indicator
- Compact twist type shifter
- Nexus Inter Series compatible



DN85-3 DN85-8

MN28-7

Twist Type Shifter (Nexus Inter 7)

MN27-3

Twist Type Shifter (Nexus Inter 3)

- Standard twist type shifter
- Nexus Inter Series compatible



BC-01

Connector (Nexus Inter 3)

- Connector (bell crank)for Nexus Inter 3 gear hub
- Compatible with **MN27-3, DN85-3**



MOUNTAIN



LINEUP & COMPATIBILITY

	microSHIFT Models			SHIMANO
Series	Shifter	Front Derailleur	Rear Derailleur	Reference
XCD	SL-M861R SL-M11 BS-M11		RD-M78L RD-M785L	XT 11S
XLE11	SL-M851R		RD-M625L	SLX 11S
XLE	SL-M760-2 SL-M850-2	FD-M612B double chainring FD-M612D double chainring	RD-M61S RD-M62L	XT 10S SLX 10S LX 10S Deore 10S
	SL-M10 BS-M10	FD-M613B triple 42-32-24T FD-M613D triple 42-32-24T	RD-M61L RD-M62L	
	SL-M760-3 SL-M850-3			
MARVO LT	SL-M759-3 TS71-9 TS38-9 TS39-9 DS85-9 BS-T09	FD-M43 44-32-22T	RD-M46L RD-M46S	Alivio 9S Acera 9S Altus 9S
	SL-M859	FD-M462B FD-M462D		
mezzo	TS71-8 TS39-8 TS38-8 MS25-8 MS29-8	FD-M20 42-34-24T FD-M22 48-38-28T FD-M30 42-32-22T	RD-M36L RD-M36S	Acera 8S Altus 8S
	TS38-7 DS85-7 MS25-7 MS29-7		RD-M26L RD-M26S RD-M21L RD-M21S	Tourney 7S

* The specification of above models are compatible with SHIMANO derailleur system.

SL-M861R

Xpress+ Shift Lever (1×11-Speed)
- Xpress+ Technology
  - Bearings inside mechanism
- Aluminum Shift Lever
- Extra light Shifting
- Extra light Weight
- Right side only
- **Weight: 104g**



MEGA



NEW

RD-M785L

Rear Derailleur (1×11-Speed)
- Full Aluminum
- CNC machined
- Long cage
- Active Motion Technology
  ON: Clutch design for maximum chain stability
  OFF: Lower Shifting effort
- For MEGA Sprockets: 36-42T
- Total capacity: 47T
- Weight: 234.5g

MEGA



NEW

RD-M78L

Rear Derailleur (1×11-Speed)
- Full Aluminum
- CNC machined
- Long cage
- For MEGA Sprockets: 36-42T
- Total capacity: 47T
- Weight: 206g



NEW

CS-G110

MEGA Cassette with Spider (11 speed)
- Chrome plated sprockets
- Aluminum alloy bracket spider
- Steel lock ring
- **Gear combination: 11-40T, 11-42T**
- Weight: 434.5g (11-40T)
  441.5g (11-42T)



NEW

SL-M851R

Xpress+ Shift Lever (1×11-Speed)

- Xpress+ Technology
- Extra light Shifting
- Extra light Weight
- Right side only
- **Weight: 104g**



MEGA

NEW

RD-M625L

Rear Derailleur (1×11-Speed, 1x10-Speed)

- Steel, Long cage
- Active Motion Technology
  ON: Clutch design for maximum chain stability
  OFF: Lower Shifting effort
- For MEGA Sprockets: 36-42T
- Total capacity: 47T
- Weight: 319g



NEW

CS-H110

MEGA Cassette (11 speed)

- Chrome plated sprockets
- Steel lock ring
- **Gear combination: 11-40T, 11-42T**
- Weight: 549.5g (11-40T)
  557g (11-42T)

SL-M850-2

Xpress Shift Lever (2×10-Speed)

SL-M850-3

Xpress Shift Lever (3×10-Speed)

- Extra light Weight
- Weight: 225g (Pair)



SL-M760-2

Xpress Shift Lever (2×10-Speed)

SL-M760-3

Xpress Shift Lever (3×10-Speed)

- Optical gear indicator
- Aluminum Shift Lever
- Weight: 286g (Pair)



FD-M612-B/D

Front Derailleur (2×10-Speed)

- Full Aluminum
- Wide Link
- Dual pull
  or Top pull for fat tire: FD-M612-D-T
- Chainstay angle: 66-69°
- Capacity: 14T
- Top Gear Teeth: 44-38T
- Chain Line: 48.8mm
- Weight: 142g (D)

Mount Options:

- B: Clamp type 34.9 with 31.8 adapter

- D: Direct Mount



FD-M612-D

FD-M613-B/D

Front Derailleur (42-32-24T or 40-30-22T ×10-Speed)

- Full Aluminum
- Wide Link
- Dual pull
  or Top pull for fat tire: FD-M613-D-T
- Chainstay angle: 66-69°
- Capacity: 18T
- Chain Line: 50mm
- Weight: 144g (D)

Mount Options:

- B: Clamp type 34.9 with 31.8 adapter

- D: Direct Mount



FD-M613-B



MEGA

NEW

RD-M625L

Rear Derailleur (1×11-Speed, 1x10-Speed)
- Steel, Long cage
- Active Motion Technology
  ON: Clutch design for maximum chain stability
  OFF: Lower Shifting effort
- For MEGA Sprockets: 36-42T
- Total capacity: 47T
- Weight: 319g

RD-M62L

Rear Derailleur (1×10/11-Speed)
- Long cage
- Steel cage
- For MEGA Sprockets: 36-42T
- Total capacity: 47T
- Weight: 285g

MEGA



RD-M61L

Rear Derailleur Long Cage (2/3 ×10-Speed)

RD-M61S

Rear Derailleur Short Cage (1/2 ×10-Speed)
Aluminum alloy cage
- Max. sprocket: 36T
- Total capacity: 35T (RD-M61S)
  43T (RD-M61L)
- Weight: 270g (RD-M61S)
  281g (RD-M61L)



CS-G100

MEGA Cassette with Spider (10 speed)
- Chrome plated sprockets
- Aluminum alloy bracket spider
- Aluminum lock ring
- **Gear combination: 11-36T, 11-40T, 11-42T**
- Weight: 357g (11-36T)
  408g (11-40T)
  415g (11-42T)



CS-H100

Cassette (10 speed)
- Chrome plated sprockets
- Steel lock ring
- **Gear combination: 11-32T, 11-34T, 11-36T, 11-40T, 11-42T**
- Weight: 351g (11-32T)
  377g (11-34T)
  446g (11-36T)
  527g (11-40T)
  535.5g (11-42T)



(11-40T) (11-32T)



NEW

SL-M859

Xpress Shift Lever (2/3×9-Speed)
- Extra light Weight
- Weight: 225g (Pair)

SL-M759-3

Xpress Shift Lever (3×9-Speed)
- Optical gear indicator
- Weight: 271g (Pair)



SL-M759-3

FD-M462-B/D

Front Derailleur (2×9-Speed)
- Full Aluminum
- Wide Link
- Dual pull
- Chainstay angle: 66-69°
- Capacity: 14T
- Top Gear Teeth: 34-42T
- Chain Line: 48.8mm
- Weight: 140g (D)
  154g (B)

Mount Options:
- B: Clamp type 34.9 with 31.8 adapter
- D: Direct Mount



FD-M462-B FD-M462-D

FD-M43

Front Derailleur (44-32-22T×9-Speed)
- One piece Aluminum bracket
- Dual pull
- Chainstay angle: 66-69°
- Capacity: 22T
- Chain Line: 50/47.5 mm
- Clamp type 34.9 /31.8 adapter /28.6 mm adapter
- Weight: 150g



RD-M46L

Rear Derailleur Long Cage (2/3 ×9-Speed)

RD-M46S

Rear Derailleur Short Cage (1/2 ×9-Speed)
- Max. sprocket: 34T
- Total capacity: 39T (RD-M46S)
  45T (RD-M46L)
- Weight: 307g (RD-M46S)
  317g (RD-M46L)



CS-H092

Cassette (9 speed)
- Nickel plated sprockets
- Steel lock ring
- **Gear combination: 11-32T, 11-34T, 11-36T**
- Weight: 337g (11-32T)
  363g (11-34T)
  442.5g (11-36T)





NEW

TS39-8

Thumb-Tap Shifter (3 ×8-Speed)

TS39-9

Thumb-Tap Shifter (3 ×9-Speed)

- Light shifting design
- Economical design
- Optical gear indicator
- Index for Left and Right side
- Weight: 242g (Pair)



NEW

RD-M36L

Rear Derailleur Long Cage (2/3 ×8/9-Speed)

RD-M36S

Rear Derailleur Short Cage (1/2 ×8/9-Speed)

- Max. sprocket: 34T
- Total capacity: 39T (RD-M36S) /45T (RD-M36L)
- Weight: 293g (RD-M36S)
  306g (RD-M36L)

FD-M30

Front Derailleur (42-32-22T ×8-Speed)

FD-M20

Front Derailleur (42-34-24T ×7/8-Speed)

FD-M22

Front Derailleur (48-38-28T ×7/8-Speed)

- One piece Aluminum bracket
- Down pull
- Chainstay angle: 66-69°
- Capacity: 20T (FD-M30, FD-M22)
  18T (FD-M20)
- Chain Line: 50/47.5 mm
- Clamp type 34.9 /31.8 adapter /28.6 mm adapter
- Weight: 146g (FD-M30)
  143g (FD-M20)
  152g (FD-M22)



CS-H081

Cassette (8 speed)

- Black sprockets
- Steel lock ring
- **Gear combination: 12-32T, 11-32T, 11-34T**
- Weight: 339g (12-32T)
  318.5g (11-32T)
  344g (11-34T)



MTB



NEW

SB-M110

Dual control lever (1x11-Speed)

- Left side brake lever only
- For MTB 1x11-Speed
- Resin/Steel shift levers
- Aluminum brake levers
- Replaceable hood cover
- Shimano MTB compatible only

SL-M11

Transferable Thumb Shifters (2/3 ×11-Speed)

SL-M10

Transferable Thumb Shifters (2/3 ×10-Speed)

- Full Alluminum CNC
- Micro adjusting barrels
- Left side: micro-Index
- **Right side: Index/Friction transferable**
- Shimano **MTB 10 & 11-Speed** compatible only
- Weight: 128g (Pair)

MTB



BS-M11

Transferable Bar end Shifter (2/3 ×11-Speed)

BS-M10

Transferable Bar end Shifter (2/3 ×10-Speed)

- Full Aluminum
- Left side: micro-Index
- **Right side: Index/Friction transferable**
- Shimano **MTB 10 & 11-Speed** compatible only
- Weight: 150g (Pair)

MTB



SL-M860-2

Xpress+ Shift Lever (2×10-Speed)

SL-M860-3

Xpress+ Shift Lever (3×10-Speed)

- Xpress+ Technology
  - Bearings inside mechanism
- Aluminum Shift Lever
- Extra light Shifting
- Extra light Weight
- **Weight: 207g (Pair)**



TS71-9

Thumb-Tap Shifter (3×9-Speed)

TS71-8

Thumb-Tap Shifter (3×8-Speed)

- Short stroke design
- Optical gear indicator
- Index for Left and Right side
- Weight: 282g (Pair)



TS38-9

Thumb-Tap Shifter (3×9-Speed)

TS38-8

Thumb-Tap Shifter (3×8-Speed)

TS38-7

Thumb-Tap Shifter (3×7-Speed)

TS38-6

Thumb-Tap Shifter (3×6-Speed)

- Light shifting design
- Economical design
- Optical gear indicator
- Index for Left and Right side
- Weight: 242g (Pair)





NEW

DS45-7R

Smart Deck Shifter (7-Speed)
- Low Torque Technology
- Optical gear indicator
- Right side
- Weight: 88g

DS85-9

Twist Type Shifter (3×9-Speed)

DS85-8

Twist Type Shifter (3×8-Speed)

DS85-7

Twist Type Shifter (3×7-Speed)
- Optical gear indicator
- Compact twist type shifter
- Right side: Index

Options: Left side Index (LI) or Friction (LF)



MS25-8

Twist Type Shifter (3×8-Speed)

MS25-7

Twist Type Shifter (3×7-Speed)

MS25-6

Twist Type Shifter (3×6-Speed)
- Standard Twist type shifter
- Right side: Index

Options: Left side Index (LI) or Friction (LF)



MS29-8

Twist Type Shifter (3×8-Speed)

MS29-7

Twist Type Shifter (3×7-Speed)

MS29-6

Twist Type Shifter (3×6-Speed)
- Standard Twist type shifter
- Right side: Index

Options: Left side Index (LI) or Friction (LF)



MS12-7

Twist Type Shifter (3×7-Speed)

MS12-6

Twist Type Shifter (3×6-Speed)
- Economical Twist type shifter
- Right side: Index

Options: Left side Index (LI) or Friction (LF)



FD-M852-B/D

Front Derailleur (2×10-Speed)

FD-M853-B/D

Front Derailleur (42-32-24T ×10-Speed)

- Full Aluminum
- Wide Link
- Dual pull or
  Top pull for fat tire: FD-M852-D-T /FD-M853-D-T
- Chainstay angle: 66-69°
- Top Gear Teeth: 44 -38T
- Capacity: 14T(FD-M852) /18T(FD-M853)
- Chain Line: 48.8mm (FD-M852) /50mm (FD-M853)
- Weight: 155g (B) /143g (D)

Mount Options:

- B: Clamp type 34.9 with 31.8 adapter

- D: Direct Mount



FD-M852-B FD-M853-D

RD-M85L

Rear Derailleur Long Cage (2/3 ×10-Speed)

RD-M85S

Rear Derailleur Short Cage (1/2 ×10-Speed)

- Max. sprocket: 36T
- Total capacity: 35T (RD-M85S) /43T (RD-M85L)
- Weight: 200g (RD-M85S) /204g (RD-M85L)





RD-M26S RD-M26L

NEW

RD-M26S

Rear Derailleur Short Cage (1/2 ×7/8/9-Speed)

RD-M26L

Rear Derailleur Long Cage (2/3 ×7/8/9-Speed)

- Wide Link Economical Type
- Resin / Steel
- Max. sprocket: 34T
- Total capacity: 39T (RD-M26S)
  45T (RD-M26L)



RD-M21L RD-M21SS RD-M21SA RD-M21SB

NEW

RD-M21L /LA /LB

Long Cage (2/3 ×6/7/8-Speed)

RD-M21S /SA /SB

Short Cage (2 ×6/7-Speed)

RD-M21SS /SSA /SSB

Super Short Cage (1 ×6/7-Speed)

- Resin/Steel Parts
- Economical Type
- Max. sprocket: 32T
- Total capacity: 43T(L) /37T(S) /21T(SS)

Mount Options:

- L /S /SS: Direct Attachment

- LA /SA /SSA: with Bracket (Reverse Type)

- LB /SB /SSB: with Bracket

SPECIFICATIONS

Road Shifter

Series	ARSIS11		CENTOS11				CENTOS			
Type	Drop	Bar end mount	Drop	Flat		Bar end mount	Drop	Flat	Bar end mount	
Model	SB-R512C	BS-C11	SB-R512B	SL-R861	SL-R761	BS-A11	SB-R502B	SL-R860B-2	BS-A10B	BS-T10B
Speed	11	11	11	11	11	11	10	10	10	10
Front shifting	Double	Double /Triple (micro index)	Double	Double	Double	Double /Triple (micro index)	Double	Double	Double /Triple (micro index)	Double /Triple (micro index)
Bracket material	Engineering composite	Aluminum Black painted	Engineering composite	Aluminum	Aluminum	Aluminum Black painted	Engineering composite	Aluminum	Aluminum Black painted	Aluminum Black painted
Brake lever material	Carbon / Cold forged Al.	–	Cold forged Al. / anodized	–	–	–	Cold forged Al. / anodized	Cold forged Al. / anodized	–	–
Main shifting material	–	–	–	Aluminum	Aluminum	–	–	Aluminum	–	–
Shift lever materail	–	Carbon	–	–	–	Cold forged Al. / anodized	–	–	Cold forged Al. / anodized	Cold forged Al. / anodized
Trimmimg function for front shifting	×	×	×	×	×	×	×	×	×	×
Bearings inside mechanism	–	–	–	×	×	–	–	–	–	–
Brake lever reach adjuster	×	–	×	–	–	–	×	–	–	–
Shift cable adjuster	–	–	–	×	×	–	–	×	–	–
Clamp band	23.8-24.2mm	19.0-22.0mm	23.8-24.2mm	22.2mm	22.2mm	19.0-22.0mm	23.8-24.2mm	22.2mm	19.0-22.0mm	19.0-22.0mm
Shift cable	Stainless slick									
Average weight	498g	136g	498g	205g	292g	140g	430g	205g	140g	141g

Series	R10					R9				
Type	Drop	Flat		Bar end mount		Drop		Flat		
Model	SB-R402K / SB-R403K	SL-R760-2	SL-R760-3	BS-A10	BS-T10	SB-R492 / SB-R492(S)	SB-R493 / SB-R493(S)	SL-R769-2	SL-R769-3	SL-R859-2
Speed	10	10	10	10	10	9	9	9	9	9
Front shifting	Double	Double	Triple	Double /Triple (micro index)	Double /Triple (micro index)	Double	Triple (50-39-30T)	Double	Triple	Double
Bracket material	Engineering composite	Aluminum	Aluminum	Aluminum Black painted	Aluminum Black painted	Engineering composite	Engineering composite	Aluminum	Aluminum	Aluminum
Brake lever material	Cold forged Al. / anodized	–	–	–	–	Cold forged Al. / anodized	Cold forged Al. / anodized	–	–	–
Main shifting material	–	Aluminum	Aluminum	–	–	–	–	Aluminum	Aluminum	Aluminum
Shift lever materail	–	–	–	Cold forged Al. / anodized	Cold forged Al. / anodized	–	–	–	–	–
Trimmimg function for front shifting	×	×	×	×	×	×	×	×	×	×
Bearings inside mechanism	–	–	–	–	–	–	–	–	–	–
Brake lever reach adjuster	–	–	–	–	–	–	–	–	–	–
Shift cable adjuster	Option	×	×	–	–	Option	Option	×	×	×
Clamp band	23.8-24.2mm	22.2mm	22.2mm	19.0-22.0mm	19.0-22.0mm	23.8-24.2mm	23.8-24.2mm	22.2mm	22.2mm	22.2mm
Shift cable	Stainless slick									
Average weight	430g	284g	284g	140g	141g	430g	430g	282g	282g	225g

Series	R9		R8				NON-GROUP					
Type	Bar end mount		Drop		Flat		Drop			Down tube mount		
Model	BS-A09	BS-T09	SB-R482 / SB-R482(S)	SB-R483 / SB-R483(S)	SL-R758-2	SL-R758-3	SB-R502E	SB-R472 / SB-R472(S)	SB-R473 / SB-R473(S)	SL-D10	SL-D10B	SL-D09
Speed	9	9	8	8	8	8	10	7	7	10	10	9
Front shifting	Double /Triple (micro index)	Double /Triple (micro index)	Double	Triple (50-39-30T)	Double	Triple	Double	Double	Triple (50-39-30T)	Double /Triple (micro index)	Double /Triple (micro index)	Double /Triple (micro index)
Bracket material	Aluminum Black painted	Aluminum Black painted	Engineering composite	Engineering composite	Resin /Steel	Resin /Steel	Engineering composite	Engineering composite	Engineering composite	–	–	–
Brake lever material	–	–	Cold forged Al./Anodized	Cold forged Al./Anodized	–	–	Cold forged Al./Anodized	Cold forged Al./Anodized	Cold forged Al./Anodized	–	–	–
Main shifting material	–	–	–	–	–	–	–	–	–	–	–	–
Shift lever materail	Cold forged Al./Anodized	Cold forged Al./Anodized	–	–	–	–	–	–	–	Cold forged Al./Anodized	Cold forged Al./Anodized	Cold forged Al./Anodized
Trimmimg function for front shifting	×	×	×	×	×	×	×	×	×	×	×	×
Bearings inside mechanism	–	–	–	–	–	–	–	–	–	–	–	–
Brake lever reach adjuster	–	–	–	–	–	–	×	–	–	–	–	–
Shift cable adjuster	–	–	Option	Option	×	×	–	Option	Option	–	–	–
Clamp band	19.0-22.0mm	19.0-22.0mm	23.8-24.2mm	23.8-24.2mm	22.2mm	22.2mm	23.8-24.2mm	23.8-24.2mm	23.8-24.2mm	Down tube mount		
Shift cable	Stainless slick											
Average weight	162g	163g	430g	430g	279g	279g	498g	430g	430g	70g	70g	70g

MTB Shifter

Series	XCD			XLE11	XLE				MARVOLT			NON-GROUP	
Type	Trekking / Touring												
Model	SL-M861-R	SL-M11	BS-M11	SL-M851-R	SL-M850-2 (SL-M850-3)	SL-M760-2 (SL-M760-3)	SL-M10	BS-M10	SL-M859	SL-M759-3	TS71-9	TS38-7	SL-M860-2 (SL-M860-3)
Speed	11	11	11	11	10	10	10	10	9	9	9	7	10
Front shifting	None	Double /Triple	Double /Triple	–	Double	Double	Double /Triple	Double /Triple	Double /Triple	Triple	Triple	Triple	Double
Bracket material	Cold forged Al.	Cold forged Al./ CNC	Aluminum	Aluminum	Aluminum	Aluminum	Cold forged Al./ CNC	Aluminum	Aluminum	Aluminum	Aluminum	Composited	Cold forged Al.
Main shifting material	Aluminum	Cold forged Al.	Cold forged Al.	Aluminum	Aluminum	Aluminum	Cold forged Al.	Cold forged Al.	Aluminum	Aluminum	Aluminum	Composited	Aluminum
Function for front shifting	None	Micro Index	Micro Index	–	Index	Index	Micro Index	Micro Index	Index	Index	Index	Index	Index
Bearings inside mechanism	×	–	–	–	–	–	–	–	–	–	–	–	×
Shift cable adjuster	×	×	–	×	×	×	×	–	×	×	×	×	×
Clamp band	22.2mm	22.2mm	Barend mount 19.0-22.2mm	22.2mm	22.2mm	22.2mm	22.2mm	Barend mount 19.0-22.2mm	22.2mm	22.2mm	22.2mm	22.2mm	22.2mm
Shift cable	Stainless slick											Regular	Stainless slick
Average weight	104g	128g	150g	113g	225g	286g	128g	150g	225g	271g	282g	242g	207g

* SHIMANO MTB /Terrking derailleur compatible

Road Front Deraillur

Series	ARSIS11	CENTOS11	CENTOS	R10			R9	
Type	Drop /Flat							
Model	FD-R68-B FD-R68-F	FD-R58-B FD-R58-F	FD-R552-B FD-R552-F	FD-R712-B FD-R712-F	FD-R732-B FD-R732-F	FD-R730-B FD-R730-F	FD-R352-B FD-R352-F	FD-R353-B FD-R353-F
Chain Ring	11	11	10	10	10	10	9	9
Cassette Compatibility	Double	Double	Double	Double	Triple	Triple	Double	Triple
Top Gear Teeth	50-56T	50-56T	50-56T	50-56T	52T(39T-30T)	50T(39T-30T)	46-52T	50T(39T-30T)
Capacity	16T	16T	16T	16T	22T	20T	16T	20T
Route Type	Down pull							
Chainstay Angle	61-66	61-66	61-66	61-66	63-66	63-66	61-66	63-66
Mount Type	B: Band type /F: Brazed-on type							
Chain Line	43.5mm	43.5mm	43.5mm	43.5mm	45.0mm	45.0mm	43.5mm	45.0mm
Band Diameter	34.9 /31.8⊙	34.9 /31.8⊙	34.9 /31.8⊙	34.9 /31.8⊙	34.9 /31.8⊙	34.9 /31.8⊙	34.9 /31.8⊙	34.9 /31.8⊙
Front Clamp Band	Cold forged Al.	Cold forged Al.	Cold forged Al.	Cold forged Al.	Cold forged Al.	Cold forged Al.	Aluminum	Aluminum
Rear Clamp Band	Cold forged Al.	Cold forged Al.	Cold forged Al.	Cold forged Al.	Cold forged Al.	Cold forged Al.	Aluminum	Aluminum
Outer Link	Carbon wrapped	Cold forged Al.	Cold forged Al.	Cold forged Al.	Cold forged Al.	Cold forged Al.	Aluminum	Aluminum
Inner Link	Cold forged Al.	Cold forged Al.	Cold forged Al.	Cold forged Al.	Cold forged Al.	Cold forged Al.	Steel	Steel
Chain Guide	Steel C.P.							
Average Weight	97g (F)	95g (F)	96g (F)	96g (F)	117g (F)	119g (F)	125g (B)	140g (B)

Series	R8		NON-GROUP			20" FRAME		
Type	Drop /Flat							
Model	FD-R252-B FD-R252-F	FD-R253-B FD-R253-F	FD-R74-B FD-R74-F	FD-R74S-B FD-R74S-F	FD-R52S-B FD-R52S-F	FD-R52H	FD-R539H	FD-R538H
Chain Ring	8	8	10	10	10 /9	9/8	9	8
Cassette Compatibility	Double	Triple	Double	Double	Double	Double	Triple	Triple
Top Gear Teeth	46-52T	50T(39T-30T)	50-56T	36-50T	36-50T	50-56T	52T(42T-30T)	52T(42T-30T)
Capacity	16T	20T	16T	14T	14T	16T	22T	22T
Route Type	Down pull							
Chainstay Angle	61-66	63-66	61-66	61-66	61-66	70-77	72-75	72-75
Mount Type	B: Band type /F: Brazed-on type							
Chain Line	43.5mm	45.0mm	43.5mm	43.5mm	43.5mm	43.5mm	45.0mm	45.0mm
Band Diameter	34.9 /31.8⊙	34.9 /31.8⊙	34.9 /31.8⊙	34.9 /31.8⊙	31.8 /28.6⊡	31.8 /28.6⊡	31.8 /28.6⊡	31.8 /28.6⊡
Front Clamp Band	Aluminum	Aluminum	Cold forged Al.	Cold forged Al.	Cold forged Al.	Cold forged Al.	Cold forged Al.	Cold forged Al.
Rear Clamp Band	Aluminum	Aluminum	Cold forged Al.	Cold forged Al.	Cold forged Al.	Cold forged Al.	Cold forged Al.	Cold forged Al.
Outer Link	Aluminum	Aluminum	Cold forged Al.	Cold forged Al.	Cold forged Al.	Cold forged Al.	Cold forged Al.	Cold forged Al.
Inner Link	Steel	Steel	Cold forged Al.	Cold forged Al.	Cold forged Al.	Cold forged Al.	Cold forged Al.	Cold forged Al.
Chain Guide	Steel C.P.							
Average Weight	126g (B)	141g (B)	99g (F)	84.5g (F)	86.5g (F)	114g	123g	124g

⊙ Clamp spacer (SM-M31) allow the derailleur to be Ø31.8mm frame tube.
⊡ Clamp spacer (SM-M28) allow the derailleur to be Ø28.6mm frame tube.

MTB Front Derailleur

Series	XLE				MARVOLT		
Type	MTB						
Model	FD-M613D	FD-M612D	FD-M613B	FD-M612B	FD-M43	FD-M462B	FD-M462D
Chain Ring	10	10	10	10	9	9	9
Cassette Compatibility	Triple	Double	Triple	Double	Triple	Triple	Double
Top Gear Teeth	42-40T	44-38T	42-40T	44-38T	44T(32T-22T)	34-42T	34-42T
Capacity	18T	14T	18T	14T	22T	22T	14T
Route Type	Dual Pull or Top Pull Only	Dual Pull or Top Pull Only	Down pull	Down pull	Down pull		
Chainstay Angle	66-69						
Mount Type	Direct mount /Band				Band	Band	Direct mount
Chain Line	50.0mm	48.8mm	50.0mm	48.8mm	50.0 /47.5mm	48.8mm	48.8mm
Band Diameter	–	–	34.9 /31.8⊙	34.9 /31.8⊙	34.9 / 31.8⊙ /28.6⊡	34.9 /31.8⊙	×
Front Clamp Band	–	–	Aluminum Black	Aluminum Black	Steel Black	Aluminum Black	Aluminum Black
Rear Clamp Band	Aluminum Black	Aluminum Black	Aluminum Black	Aluminum Black	Aluminum Black	Aluminum Black	Aluminum Black
Outer Link	Aluminum Black	Aluminum Black	Aluminum Black	Aluminum Black	Steel	Aluminum Black	Aluminum Black
Inner Link	Aluminum	Aluminum	Aluminum	Aluminum	Steel	Aluminum	Aluminum
Chain Guide	Steel C.P.						
Average Weight	144g	142g	158g	156g	150g	154g	140g (B)

Series	MEZZO			NON-GROUP			
Type	MTB						
Model	FD-M30	FD-M22	FD-M20	FD-M853D	FD-M852D	FD-M853B	FD-M852B
Chain Ring	8	8/7	8/7	10	10	10	10
Cassette Compatibility	Triple	Triple	Triple	Triple	Double	Triple	Double
Top Gear Teeth	42T(32T-22T)	48T(38T-28T)	42T(34T-24T)	42-40T	44-38T	42-40T	44-38T
Capacity	20T	20T	18T	18T	14T	18T	14T
Route Type	Down pull	Down pull	Down pull	Dual Pull or Top Pull Only	Dual Pull or Top Pull Only	Dual Pull	Dual Pull
Chainstay Angle	66-69						
Mount Type	Band	Band	Band	Direct mount	Direct mount	Band	Band
Chain Line	50.0 /47.5mm	50.0 /47.5mm	50.0 /47.5mm	50.0mm	48.8mm	50.0mm	48.8mm
Band Diameter	34.9 / 31.8⊙ /28.6⊡	34.9 / 31.8⊙ /28.6⊡	34.9 / 31.8⊙ /28.6⊡	–	–	34.9 /31.8⊙	34.9 /31.8⊙
Front Clamp Band	Steel Black	Steel Black	Steel Black	–	–	Aluminum Black	Aluminum Black
Rear Clamp Band	Aluminum Black	Aluminum Black	Aluminum Black	Aluminum Black	Aluminum Black	Aluminum Black	Aluminum Black
Outer Link	Aluminum Black	Aluminum Black	Aluminum Black	Al./Black Anodized /CNC machined	Al./Black Anodized /CNC machined	Al./Black Anodized /CNC machined	Al./Black Anodized /CNC machined
Inner Link	Steel	Steel	Steel	Aluminum	Aluminum	Aluminum	Aluminum
Chain Guide	Steel C.P.						
Average Weight	143g	152g	143g	143g	141g	157g	155g

⊙ Clamp spacer (SM-M31) allow the derailleur to be Ø31.8mm frame tube.
⊡ Clamp spacer (SM-M28) allow the derailleur to be Ø28.6mm frame tube.

Road Rear Deraillur

Series	ARSIS11	CENTOS11	CENTOS	R10			R9			R8	
Model	RD-R68S	RD-R58S	RD-R55S	RD-R51M	RD-R47S	RD-R47	RD-R42S	RD-R43M	RD-R42	RD-R32S	RD-R32
Speed	11	11	10	10/9			10/9			9/8	
Max. Sprocket	25-32T	25-32T	25-32T	34T	28T	28T	28T	34T	28T	28T	
Min. Sprocket	11T	11T	11T	11T			11T			11T	
Total Capacity	35T	35T	35T	39T	33T	39T	33T	39T	39T	33T	39T
Guide Pulley	Engineering composite with sealed bearing	Engineering composite with steel bushing		Engineering composite with steel bushing			Engineering composite with steel bushing			Engineering composite with steel bushing	
Tension Pulley	Engineering composite with sealed bearing	Engineering composite with steel bushing		Engineering composite with steel bushing			Engineering composite with steel bushing			Engineering composite with steel bushing	
Bracket Body	Cold forged Al.	Cold forged Al.		Aluminum / Hi-Polished Silver or Black			Aluminum /Black			Composited /Black	
Barcket Pivot Seal	×	×		–			–			–	
Plate Body	Resin /Black painted	Resin /Black painted		Aluminum / Hi-Polished Silver or Black			Composited /Black			Composited /Black	
Plate Pivot Seal	×	×		–			–			–	
Outer Link	Carbon wrapped over cold forged Al.	Aluninum /Black anodized		Aluminum / Hi-Polished Silver or Black			Aluminum / Hi-Polished	Aluminum / Black	Aluminum / Hi-Polished	Steel /Black painted	
Inner Link	Al. /Black painted	Al. /Black painted		Steel /Black painted			Steel /Black painted			Steel /Black painted	
Link Pin Bushing	Stainless steel	Stainless steel	Stainless steel	Stainless steel	–	–	–	–	–	–	–
Outer Plate	Al./ Black anodized	Al./ Black anodized	Al./ Black anodized	Al./ Black anodized	Al./ Silver anodized		Steel /Black painted			Steel /Black painted	
Inner Plate	Al./ Black anodized	Al./ Black anodized	Al./ Black anodized	Al./ Black anodized	Al./ Silver anodized		Steel /Black painted			Steel /Black painted	
Average Weight	197g	194g	195g	220g	218g	226g	265g	291g	288g	266g	290g

MTB Rear Deraillur

Series	XCD		XLE11	XLE		MARVOLT	MEZZO	NON-GROUP				
Model	RD-M785L	RD-M78L	RD-M625L	RD-M61L (RD-M615)	RD-M62L	RD-M46L (RD-M485)	RD-M36L (RD-M455)	RD-M85L (RD-M855)	RD-M26L (RD-M255)	RD-M21L (RD-M215) (RD-M21SS)	RD-M21LA (RD-M21SA) (RD-M21SSA)	RD-M21LB (RD-M21SB) (RD-M21SSB)
Speed	11	10/11	10/11	10/11		8/9	8/9	10/11	8/7	8/7/6	8/7/6	8/7/6
Max. Sprocket	36-42T		36-42T	36T	36-42T	34T	34T	36T	34T	32T	32T	32T
Min. Sprocket	11T		11T	11T		11T	11T	11T				
Total Capacity	47T		47T	43T (35T)	47T	45T (39T)	45T (39T)	43T (35T)	45T (39T)	43T (37T) (21T)	43T (37T) (21T)	43T (37T) (21T)
Guide Pulley	Engineering composite with steel bushing											
Tension Pulley	Engineering composite with steel bushing											
Bracket Body	Aluminum /Black Painted		Aluminum /Black Painted	Aluminum /Black Painted		Aluminum /Black Painted	Aluminum /Black Painted	Aluminum /Black Painted	Resin /Black	Resin /Black Direct attachment	Resin /Black Direct attachment: with reverse bracket	Resin /Black Direct attachment: with bracket
Barcket Pivot Seal	×		–	–		–	–	×	–			
Plate Body	Resin /Black	Aluminum	Resin /Black	Resin /Black		Resin /Black	Resin /Black	Aluminum	Resin /Black	Resin /Black		
Plate Pivot Seal	×		–	–		–	–	×	–			
Outer Link	Cold forged Al. / Black Anodized / CNC machined		Cold forged Al. / Black Anodized	Aluminum /Painted		Aluminum /Painted	Resin /Black (Aluminum /Painted)	Cold forged Al. / Black Anodized / CNC machined	Resin /Black	Resin +Steel		
Inner Link	Aluminum /Black		Aluminum /Black	Steel /Black		Steel /Black	Steel	Al. /Black	Steel /Black			
Link Pin Bushing	Stainless steel		–	–		–	–	Stainless Steel	–			
Outer Plate	Al. /Black anodized	Al. /Black anodized	Steel /Black Painted	Steel /Black Painted		Steel /Black Painted	Steel /Black Painted	Al. Black / CNC machined	Steel /Black Painted			
Inner Plate	Al. /Black anodized	Al. /Black anodized	Steel /Black Painted	Steel /Black Painted		Steel /Black Painted	Steel /Black Painted	Al. /Black anodized	Steel /Black Painted			
Average Weight	234.5g	206g	319g	281g (270g)	285g	317g (307g)	306g (308g)	204g (200g)	294g (284g)	279g (269g) (241g)	316g (306g) (278g)	316g (306g) (278g)

* SHIMANO MTB /Trekking derailleur compatible

Cassette Sprocket (SHIMANO compatible)

Model No.		CS-G110	CS-H110	CS-G110	CS-H110	CS-G110	CS-H110	CS-H110	CS-G110	CS-H110	CS-G110	CS-H110	CS-G100	CS-H100	CS-G100	CS-H100	CS-G100	CS-H100	CS-H100
Speed		11	11	11	11	11	11	11	11	11	11	11	10	10	10	10	10	10	10
Combination	11	46*	46*	42*	42*	40*	40*	32	28	28	25	25							
	10	40*	40*	36	36	36	36	28	24	24	23	23	42*	42*	40*	40*	36	36	34
	9	36	36	32	32	32	32	24	21	21	21	21	36	36	36	36	32	32	28
	8	32	32	28	28	28	28	21	19	19	19	19	32	32	32	32	28	28	24
	7	28	28	24	24	24	24	19	17	17	17	17	28	28	28	28	24	24	21
	6	24	24	21	21	21	21	17	16	16	16	16	24	24	24	24	21	21	19
	5	21	21	19	19	19	19	15	15	15	15	15	21	21	21	21	19	19	17
	4	17	17	17	17	17	17	14	14	14	14	14	17	17	17	17	17	17	15
	3	15	15	15	15	15	15	13	13	13	13	13	15	15	15	15	15	15	13
	2	13	13	13	13	13	13	12	12	12	12	12	13	13	13	13	13	13	12
	1	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Material		Steel																	
Surface Treatment		Chrome Plated																	
Bracket Spider		Y	N	Y	N	Y	N	N	Y	N	Y	N	Y	N	Y	N	Y	N	N
Lock Ring		Steel	Steel	Steel	Steel	Steel	Steel	Steel	Steel	Steel	Steel	Steel	AL.	Steel	AL.	Steel	AL.	Steel	Steel
Average Weight		503g	619g	441.5g	557g	434.5g	549.5g	371g	286.5g	311g	279.5g	301g	415g	535.5g	408g	527g	357g	446g	377g
Recommended Chain		HG 11-Speed											HG 10-Speed						

Cassette Sprocket (SHIMANO compatible)

Model No.		CS-H100	CS-G100	CS-H100	CS-G100	CS-H100	CS-H092	CS-H092	CS-H092	CS-H092	CS-H092	CS-H092	CS-H081	CS-H081	CS-H081	CS-H081	CS-H081	CS-H081
Speed		10	10	10	10	10	9	9	9	9	9	9	8	8	8	8	8	8
Combination	11																	
	10	32	28	28	25	25												
	9	28	24	24	23	23	36	34	32	28	25	25						
	8	24	21	21	21	21	32	28	28	24	23	23	34	32	32	28	28	25
	7	21	19	19	19	19	28	24	24	21	21	21	28	28	28	24	24	23
	6	19	17	17	17	17	24	21	21	19	19	19	24	24	24	21	21	21
	5	17	15	15	15	15	21	19	19	17	17	17	21	21	21	19	19	19
	4	15	14	14	14	14	17	17	17	15	15	15	17	17	19	17	17	17
	3	13	13	13	13	13	15	15	15	13	13	14	15	15	17	15	15	15
	2	12	12	12	12	12	13	13	13	12	12	13	13	13	14	13	13	13
	1	11	11	11	11	11	11	11	11	11	11	12	11	11	12	11	12	12
Material		Steel																
Surface Treatment		Chrome Plated					Nickel Plated						Black					
Bracket Spider		N	Y	N	Y	N	N						N					
Lock Ring		Steel	AL.	Steel	AL.	Steel	Steel						Steel					
Average Weight		351g	255g	289g	239g	274g	442.5g	363g	337g	276g	273g	276g	344g	318.5g	339g	270g	273g	264g
Recommended Chain		HG 10-Speed					HG 9-Speed						HG 8-Speed					

* 7075 Aluminum New Product



microSHIFT
www.microshift.com.tw

TAIWAN HEAD OFFICE & FACTORY

ADDRESS No.1313-6, Zhong Shan Rd.,
Shen Kang Dist., Taichung., Taiwan.
TEL +886-4-25629669
FAX +886-4-25628518
EMAIL sales@microshift.com.tw
service@microshift.com.tw

CHINA FACTORY

ADDRESS HuiZhou City Transhuman Bicycle Parts Co., Ltd.
New Industrial Park MoLing Village BaiHua Town,
HuiDong County HuiZhou City, GuangDong, China.
TEL +86-752-5927100
FAX +86-752-5927109