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2020 DRIVETRAIN

MOUNTAIN



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.

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.

ADVENT

1/2 x 9-Speed

By pairing a wide 9-speed chain with a bomber clutch derailleur, ADVENT delivers the most hassle-free mountain bike drivetrain on the planet.



NEW

SL-M819 / SL-M8195 Flatbar Xpress Shifters

- Xpress light action trigger shifting

Model No.	SL-M819L	SL-M819R	SL-M8195R
Speed	2 x 9	1 x 9	1 x 9
Side	Left	Right	Right
Shifter Style	Xpress Trigger	Xpress Trigger	Xpress Trigger
Bearing	No	No	Yes
Indicator	No	No	No
Clamp Material	Aluminum	Aluminum	Aluminum
Compatibility	ADVENT Only	ADVENT Only	ADVENT Only
Weight	112g	112g	135g



NEW

SL-M19 Flatbar Thumb Shifter

- Low profile CNC machined aluminum body
- Micro adjustment barrels

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



NEW

BS-M19 Bar End Shifter

- Aluminum construction

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



NEW

SB-M090 Integrated Drop Bar Shifters

- Left side brake lever only
- Compatible with MTB 1x9 Speed
- Replaceable hood cover

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



NEW

RD-M6195M / RD-M619M 1x9 Rear Derailleurs

- Steel medium cage
- Chain stabilizing clutch
- 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	42T	42T
Chain Capacity	41T	41T
Clutch	Yes	No
Cage Material	Steel	Steel
Compatibility	ADVENT Only	ADVENT Only
Weight	384g	314g



NEW

RD-M6195L / RD-M619L 2x9 Rear Derailleurs

- Steel long cage for 2x
- Chain stabilizing clutch
- 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	42T
Chain Capacity	47T	47T
Clutch	Yes	No
Cage Material	Steel	Steel
Compatibility	ADVENT Only	ADVENT Only
Weight	384g	314g



NEW

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)
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	149g



NEW

CS-H093 Wide Range Cassette

- ED Black sprockets
- Steel lock ring

Model No.	CS-H093A 11-42T	CS-H093 11-42T
Speed	9-Speed	9-Speed
Gear Range	11-42T	11-42T
Surface Finish	ED Black	ED Black
Combination	11-13-15-18-21-24-28-34-42*	11-13-15-18-21-24-28-34-42
Spider	No	No
Cog Material	Steel / *Aluminum	Steel
Hub Compatibility	Standard Freehub	Standard Freehub
Weight	488g	535g





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 / RD-M86M 1x11 Rear Derailleur

- Aluminum medium cage
- Chain stabilizing clutch
- Direct cable path for lighter shifting
- Non-clutch option: RD-M86M

Model No.	RD-M865M	RD-M86M
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	Aluminum	Aluminum
Compatibility	Shimano Mountain	Shimano Mountain
Weight	311g	240g



CS-G113 Alloy Spider Wide Range Cassette

- 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



RD-M665M / RD-M66M 1x11 Rear Derailleurs

• Steel medium cage
• Chain stabilizing clutch
• 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



RD-M665L / RD-M66L 2x11 Rear Derailleurs

• Steel long cage for 2x
• Chain stabilizing clutch
• 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



XLE11 1/2 x 11-Speed

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)
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)
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



CS-H113 Wide Range Cassette

• 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 11	2 x 11	3 x 11
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 Integrated Drop Bar Shifters

• Left side brake lever only
• Compatible with MTB 1x10 Speed
• Replaceable hood cover

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
• 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 Derailleur

• 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 Derailleur

- 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 Derailleur

- 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 Cassette

- ED Black sprockets
- Steel lock ring

Model No.	CS-H103 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	535.5g	595g



XLE10 1/2/3 x 10-Speed

CS-G100 Alloy Spider Cassette

- Chrome Plated sprockets
- Aluminum lock ring

Model No.	CS-G100
Speed	10
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 Cassette

- 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



MARVO LT 2/3 x 9-Speed

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 Derailleur

• 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 Derailleur

• Aluminum construction

Model No.	FD-M462-D	FD-M462-B
Speed	2 x 9	2 x 9
Mounting	Direct Mount	Band Clamp 34.9 (31.6 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 Cassette

• 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



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

NEW

TS39-2 Flatbar 2x Thumb-Tap Shifters

- Light shifting design
- Economical design
- Index for Left and Right side

Model No.	TS39-28	TS39-29
Speed	2 x 8	2 x 9
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



TS39 Flatbar 3x Thumb-Tap Shifters

- Light shifting design
- Economical design
- Index for Left and Right side

Model No.	TS39-7	TS39-8	TS39-9
Speed	3 x 7	3 x 8	3 x 9
Side	Pair	Pair	Pair
Shifter Style	Thumb-Tap	Thumb-Tap	Thumb-Tap
Bearing	No	No	No
Indicator	Yes	Yes	Yes
Clamp Material	Composite	Composite	Composite
Lever Material	Steel / Composite	Steel / Composite	Steel / Composite
Compatibility	Shimano Mountain	Shimano Mountain	Shimano Mountain
Weight	242g	242g	242g



RD-M36 Rear Derailleur

- 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



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

NEW

FD-T392 / FD-T382 2x8/9 Front Derailleur

- Compatible with 48-38-28T crankset

Model No.	FD-T392	FD-T382
Speed	2 x 9	2 x 8
Mounting	Band Clamp 34.9 (31.8 / 28.6 adaptor)	Band Clamp 34.9 (31.8 / 28.6 adaptor)
Derailleur Style	Dual pull	Dual pull
Chainstay Angle	63-68°	63-68°
Top Gear Teeth	44-48T	44-48T
Capacity	12-16T	12-16T
Chain Line	48.8mm	48.8mm
Outer Link Material	Steel	Steel
Clamp Material	Steel / Aluminum	Steel / Aluminum
Compatibility	Shimano Mountain	Shimano Mountain
Weight	152g	152g



FD-M22 / FD-M20 / FD-M30 3x7/8 Front Derailleur

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 Cassette

- Nickel plated sprockets
- Steel lock ring

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



mezzo

2/3 x 7/8/9-Speed

CS-H081 8-Speed Cassette

- Black sprockets
- Steel lock ring

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



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



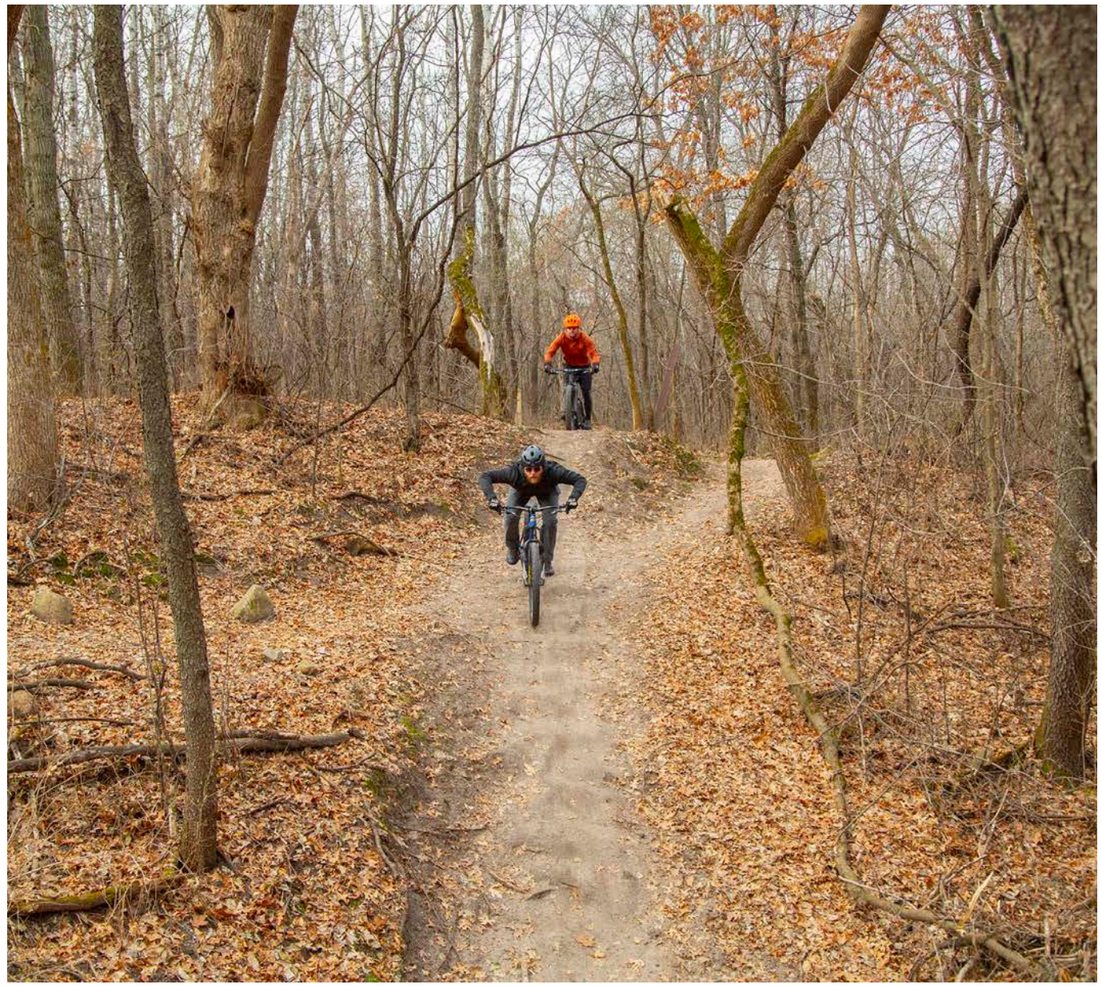
CS-H071 7-Speed Cassette

- 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







MTB Non-Group Components

SB-M110 Integrated Drop Bar Shifters

- Left side brake lever only
- Compatible with MTB 1x11 Speed
- Replaceable hood cover

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



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	128g	128g



BS-M12-R / BS-SR-M12-R Bar End Shifters

- 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



MTB Non-Group Components

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	Index	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	64 g



MTB Non-Group Components

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



TS71 Flatbar Thumb-Tap Shifters

• Short stroke design
• Index for Left and Right side

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



MTB Non-Group Components

TS38 Flatbar Thumb-Tap Shifters

• Light shifting design
• Economical design
• Optical gear indicator

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



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

DS45 Smart Deck Twist Shifter

• Low Torque Shifter
• Intuitive gear indicator design

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



MTB Non-Group Components

DS85 Twist Type Shifter



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

Model No.	DS85-7/7F	DS85-8/8F	DS85-9/9F
Speed	3 x 7	3 x 8	3 x 9
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

MS25 Twist Type Shifter



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

Model No.	MS25-6/6F	MS25-7/7F	MS25-8/8F
Speed	3 x 6	3 x 7	3 x 8
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 Shifter



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

Model No.	MS29-6/6F	MS29-7/7F	MS29-8/8F
Speed	3 x 6	3 x 7	3 x 8
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

MTB Non-Group Components

MS12 Twist Type Shifter



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

Model No.	MS12-6/6F	MS12-7/7F
Speed	3 x 6	3 x 7
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

RD-M26 Rear Derailleur



- Composite / Steel Parts
- Wide Link Economical Type

Model No.	RD-M26L	RD-M26S
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	Composite	Composite
Outer Link Material	Composite	Composite
Compatibility	Shimano Mountain	Shimano Mountain
Weight	294g	284g

RD-M21 Rear Derailleur



- Composite / Steel Parts
- Economical Type

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	28-32T	28-32T	28-32T
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)

ROAD



ARSIS 11 — The pinnacle of our road line leaves no stone unturned in the search for lighter weight, better performance, and seamless ergonomics.

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.

ARSIS 11 *2 x 11-Speed*

SB-R512C Integrated Drop Bar Shifters

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

Model No.	SB-R512C
Speed	2 x 11
Side	Pair
Shifter Style	Integrated Drop Bar
Brake Reach	Adjustable
Lever Material	Carbon / Forged Aluminum
Compatibility	Shimano Road
Weight	498g



BS-C11 Bar End Shifters

- Carbon shift levers
- BS-C11S option: 17mm shorter lever

Model No.	BS-C11	BS-C11S
Speed	2 x 11	2 x 11
Side	Pair	Pair
Left Side	Friction	Friction
Right Side	Index	Index
Shifter Style	Bar End Shifter	Bar End Shifter
Compatibility	Shimano Road	Shimano Road
Weight	136g	130g



FD-R68 Front Derailleur

- Cold forged Aluminum bracket
- Carbon outer link

Model No.	FD-R68-F	FD-R68-B
Speed	2 x 11	2 x 11
Mounting	Braze On	Band Clamp 34.9 (31.8 mm 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	Carbon / Aluminum	Carbon / Aluminum
Compatibility	Shimano Road	Shimano Road
Weight	97g	119g



ARSIS 11

2 x 11-Speed

RD-R68S Rear Derailleur

- Carbon outer link
- Sealed bearings pulleys

Model No.	RD-R68S
Speed	2 x 11
Cage Length	Short Cage
Max Cog	25-32T
Chain Capacity	35T
Clutch	No
Cage Material	Aluminum
Outer Link Material	Carbon
Compatibility	Shimano Road
Weight	197g



CS-G110 Alloy Spider Cassette

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

Model No.	CS-G110 11-25T	CS-G110 11-28T	CS-G110 11-32T
Speed	11-Speed	11-Speed	11-Speed
Gear Range	11-25T	11-28T	11-32T
Surface Finish	Chrome Plated	Chrome Plated	Chrome Plated
Combination	11-12-13-14-15-16-17-19-21-23-25	11-12-13-14-15-16-17-19-21-24-28	11-12-13-14-15-17-19-21-24-28-32
Spider	Yes	Yes	Yes
Cog Material	Steel	Steel	Steel
Hub Compatibility	Standard Freehub	Standard Freehub	Standard Freehub
Weight	264g	271g	314g



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 Derailleur

- Cold forged Aluminum bracket
- Cold forged Inner & Outer link

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	25-32T
Chain Capacity	35T
Clutch	No
Cage Material	Aluminum
Outer Link Material	Forged Aluminum
Compatibility	Shimano Road
Weight	194g



CS-H110 11-Speed Cassette

- Chrome plated sprockets
- Steel lock ring

Model No.	CS-H110 11-25T	CS-H110 11-28T	CS-H110 11-32T
Speed	11-Speed	11-Speed	11-Speed
Gear Range	11-25T	11-28T	11-32T
Surface Finish	Chrome Plated	Chrome Plated	Chrome Plated
Combination	11-12-13-14-15-16-17-19-21-23-25	11-12-13-14-15-16-17-19-21-24-28	11-12-13-14-15-17-19-21-24-28-32
Spider	No	No	No
Cog Material	Steel	Steel	Steel
Hub Compatibility	Standard Freehub	Standard Freehub	Standard Freehub
Weight	301g	311g	371g



CENTOS 10

2x10 Speed Tiagra 4700 Compatible

SB-R502B 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	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 Derailleur

- 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-R58S
Speed	2 x 10
Cage Length	Short Cage
Max Cog	25-32T
Chain Capacity	35T
Clutch	No
Cage Material	Aluminum
Outer Link Material	Forged Aluminum
Compatibility	Shimano Tiagra 4700
Weight	194g



CENTOS 10

2x10 Tiagra 4700 Compatible

CS-G100 Alloy Spider Cassette

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

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



R10

2/3 x 10-Speed

SB-R502E 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-R402 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

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



R10 2/3 x 10-Speed

SB-R403 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

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



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



R10 2/3 x 10-Speed

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 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



R10 2/3 x 10-Speed

FD-R712 2x10 Front Derailleur

• 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 Derailleur

• 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

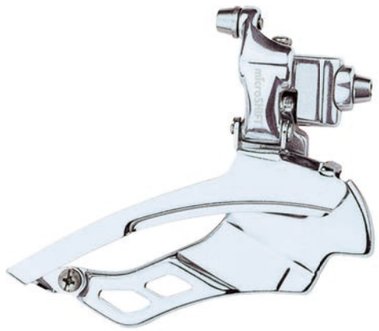
Model No.	FD-R730-F-BK	FD-R730-B-BK
Speed	3 x 10	3 x 10
Mounting	Braze On	Band Clamp 34.9 (31.8 Adaptor)
Derailleur Style	Down pull	Down pull
Chainstay Angle	63-66°	63-66°
Capacity	20T	20T
Top Gear Teeth	50T	50T
Chain Line	45mm	45mm
Surface Finish	Anodized Black	Anodized Black
Outer Link Material	Forged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

FD-R732 3x10 Front Derailleur

• 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	Clamp
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	Clamp
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 Derailleur

• 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 Mountain	Shimano Mountain
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 Mountain	Shimano Mountain
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 Cassette

• 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	Aluminum / Steel	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	Aluminum / Steel	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	Aluminum / Steel	Aluminum / Steel
Compatibility	Shimano Road	Shimano Road
Weight	430g	430g



R9 1/2/3 x 9-Speed

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	Aluminum / Steel	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	Aluminum / Steel	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 Mountain
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 & MTB	Shimano Road & MTB
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 & MTB	Shimano Road & MTB
Weight	141g	140g



R9 1/2/3 x 9-Speed

FD-R352 2x9 Front Derailleur

- 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 Derailleur

- 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	Aluminum	Aluminum
Outer Link Material	45mm	45mm
Compatibility	Shimano Road	Shimano Road
Weight	115 g	140g



RD-R42 Rear Derailleur

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 Cassette



- Nickel Plated sprockets
- Steel lock ring

Model No.	CS-H092 11-34T	CS-H092 11-32T	CS-H092 11-28T
Speed	9-Speed	9-Speed	9-Speed
Gear Range	11-34T	11-32T	11-28T
Surface Finish	Nickel Plated	Nickel Plated	Nickel Plated
Combination	11-13-15-17-19-21-24-28-34	11-13-15-17-19-21-24-28-32	11-12-13-15-17-19-21-24-28
Spider	No	No	No
Cog Material	Steel	Steel	Steel
Hub Compatibility	Standard Freehub	Standard Freehub	Standard Freehub
Weight	363g	337g	276g

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

R8 1/2/3 x 8-Speed

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	Aluminum / Steel	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	Aluminum / Steel	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	Aluminum / Steel	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 & MTB	Shimano Road & MTB
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 & MTB	Shimano Road & MTB
Weight	141g	140g



R8 1/2/3 x 8-Speed

FD-R252 2x8 Front Derailleur

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 Derailleur

- 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 Derailleur

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



R8

1/2/3 x 8-Speed

CS-H081 8-Speed Cassette

- 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



CS-H082 8-Speed Cassette

- 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



Road Non-Group Components

SB-R470 1x7 Integrated Drop Bar Shifters

- Externally routed shift cables
- Independent shift levers
- Replaceable hood cover
- Short Reach Option: Reach Distance -10mm

Model No.	SB-R470	SB-R470(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	430g	430g



SB-R470

SB-R472 2x7 Integrated Drop Bar Shifters

- Externally routed shift cables
- Independent shift levers
- Replaceable hood cover
- Short Reach Option: Reach Distance -10mm

Model No.	SB-R472	SB-R472(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	430g	430g



SB-R472(S)

SB-R473 3x7 Integrated Drop Bar Shifters

- Externally routed shift cables
- Independent shift levers
- Replaceable hood cover
- Short Reach Option: Reach Distance -10mm

Model No.	SB-R473	SB-R473(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	430g	430g



SB-R473(S)

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	141g	140g



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	141g	141g

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

• Design for 20"frame
• 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 34.9 (31.8 adapator)	Band Clamp 34.9 (31.8 adapator)	Band Clamp 34.9 (31.8 adapator)
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-R74 2x10 Front Derailleur

• Small size chain guide

Model No.	FD-R74S-F	FD-R74S-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	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	84.5g	106.5g



FD-R52S 2x9 Front Derailleur

• Small size chain guide

Model No.	FD-R52S-F	FD-R52S-B
Speed	2 x 9	2 x 9
Mounting	Brazed	Band Clamp 34.9 (31.8 adaptor)
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 Rear Derailleur

• Composite / Steel Parts
• Economical Type

Model No.	RD-M21S/SA	RD-M21SS/SSA
Speed	2 x 6/7	1 x 6/7
Cage Length	Short Cage	Super Short Cage
Max Cog	28-32T	28-32T
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-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



CS-H072 7-Speed Cassette

- Nickel sprockets
- Steel lock ring

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







CITY



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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 Integrated Drop Bar Shifters

- Left side brake lever only
- Compatible with Alfine internal geared hubs
- Replaceable hood cover

Model No.	SB-N110	SB-N080
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	Standard
Lever Material	Forged Aluminum	Forged Aluminum
Compatibility	Shimano Alfine	Shimano Alfine
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
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
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	Shimano Nexus

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	Aluminum
Compatibility	Shimano Nexus

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	Shimano Nexus	Shimano Nexus

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

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						
Arsis	SB-R512C	2x	Internal	Adjustable	26	
Centos 11	SB-R512B	2x	Internal	Adjustable	28	
Shimano MTB 11-Speed						
MTB Non-Group	SB-M110	1x	External	Standard	19	
Shimano Road 10-Speed Tiagra 4700						
Centos 10	SB-R502B	2x	Internal	Adjustable	31	
Shimano Road 10-Speed						
R10	SB-R502E	2x	Internal	Adjustable	34	
	SB-R402K	2x	External	Standard	34	
	SB-R402K(S)	2x	External	Short	34	
	SB-R403K	3x	External	Standard	35	
	SB-R403K(S)	3x	External	Short	35	
Shimano MTB 10-Speed						
XLE 10	SB-M100	1x	External	Standard	9	

Series	Model #	Left Shifter	Cable Routing	Reach	Page #	Product Photo
Shimano Road 9-Speed						
R9	SB-R492	2x	External	Standard	41	
	SB-R492(S)	2x	External	Short	41	
	SB-R493	3x	External	Standard	42	
	SB-R493(S)	3x	External	Short	42	
	SB-R490	1x	External	Standard	41	
	SB-R490(S)	1x	External	Short	41	
ADVENT 9 -Speed						
ADVENT	SB-M090	1x	External	Standard	3	
Shimano Road 8-Speed						
R8	SB-R482	2x	External	Standard	46	
	SB-R482(S)	2x	External	Short	46	
	SB-R483	3x	External	Standard	46	
	SB-R483(S)	3x	External	Short	46	
	SB-R480	1x	External	Standard	46	
	SB-R480(S)	1x	External	Short	46	

Integrated Drop Bar Shifters

Series	Model #	Left Shifter	Cable Routing	Reach	Page #	Product Photo
7-Speed						
Road Non-Group	SB-R472	2x	External	Standard	50	
	SB-R472(S)	2x	External	Short	50	
	SB-R473	3x	External	Standard	50	
	SB-R473(S)	3x	External	Short	50	
	SB-R470	1x	External	Standard	50	
	SB-R470(S)	1x	External	Short	50	
Shimano Internal Geared Hub Compatible						
Alfine-11 Compatible	SB-N110	1x	External	Standard	56	
Alfine-8 Compatible	SB-N080	1x	External	Standard	56	

Xpress Trigger Shifters

Series	Model #	Left Shifter	Gear Indicator	Bearing Mechanism	Page #	Product Photo
Shimano MTB 11-Speed						
XCD	SL-M861-R	—	—	●	6	
XLE 11	SL-M851-R	—	—	—	7	
	SL-M851-2	2x	—	—	7	
Shimano Road 11-Speed						
Centos 11	SL-R861-2	2x	—	●	28	
	SL-R761-2	2x	●	●	28	
Shimano MTB 10-Speed						
XLE 10	SL-M850-R	—	—	—	9	
	SL-M850-2	2x	—	—	9	
	SL-M850-3	3x	—	—	9	
	SL-M760-R	—	●	—	9	
	SL-M760-2	2x	●	—	9	
	SL-M760-3	3x	●	—	9	

Xpress Trigger Shifters

Series	Model #	Left Shifter	Gear Indicator	Bearing Mechanism	Page #	Product Photo
Shimano Road 10-Speed Tiagra 4700						
Centos 10	SL-R860B-2	2x	—	●	10	
Shimano Road 10-Speed						
R10	SL-R760-2	2x	●	—	35	
	SL-R760-3	3x	●	—	35	
ADVENT 9-Speed						
ADVENT	SL-M8195-R	—	—	●	2	
	SL-M819-R	—	—	—	2	
	SL-M819-L	2x	—	—	2	
Shimano MTB 9-Speed						
MarvoLT	SL-M859	2x/3x	●	—	13	
	SL-M759-3	3x	—	—	13	
Shimano Road 9-Speed						
R9	SL-R859-2	2x	—	—	42	
	SL-R769-2	2x	●	—	43	
	SL-R769-3	3x	●	—	43	

Series	Model #	Left Shifter	Gear Indicator	Bearing Mechanism	Page #	Product Photo
Shimano Road 8-Speed						
R8	SL-R758-2	2x	●	—	47	
	SL-R758-3	3x	●	—	47	
Shimano Internal Geared Hub Compatible						
Alfine-8 Compatible	SL-N768	—	●	—	57	
Nexus-8 Compatible	SL-N758	—	●	—	57	
Nexus-7 Compatible	SL-N757	—	●	—	57	

Bar End Shifters

Compatibility	Series	Model #	Left Shifter	Index/Friction Switch	Page #	Product Photo
12-Speed						
Shimano MTB	MTB Non-Group	BS-M12-R	—	●	19	
SRAM MTB	MTB Non-Group	BS-SR-M12-R	—	●	19	
11-Speed						
SHIMANO Road	Arsis	BS-C11	2x / 3x	●	26	
	Arsis	BS-C11S	2x / 3x	●	26	
	Centos 11	BS-A11	2x / 3x	●	29	
SHIMANO MTB	MTB Non-Group	BS-M11	2x / 3x	●	20	
	MTB Non-Group	BS-M11-R	—	●	20	
SRAM MTB	MTB Non-Group	BS-SR-M11-R	—	●	20	
10-Speed						
SHIMANO Road	R10	BS-T10	2x / 3x	●	36	
	R10	BS-A10	2x / 3x	—	36	

Compatibility	Series	Model #	Left Shifter	Index/Friction Switch	Page #	Product Photo
SHIMANO Tiagra 4700	Centos 10	BS-T10B	2x / 3x	●	31	
	Centos 10	BS-A10B	2x / 3x	—	31	
SHIMANO MTB	MTB Non-Group	BS-M10	2x / 3x	●	21	
	MTB Non-Group	BS-M10-R	—	●	21	
9-Speed						
SHIMANO Road/MTB	R9	BS-T09	2x / 3x	●	43	
	R9	BS-A09	2x / 3x	—	43	
ADVENT	ADVENT	BS-M19	—	●	3	
8-Speed						
SHIMANO Road/MTB	R8	BS-T08	2x / 3x	●	47	
	R8	BS-A08	2x / 3x	—	47	
SHIMANO Alfine/Nexus Compatible	City	BS-N08-R	—	●	56	

Thumb Shifters

Compatibility	Series	Model #	Left Shifter	Index/Friction Switch	Page #	Product Photo
12-Speed						
Shimano MTB	MTB Non-Group	SL-M12-R	—	●	19	
SRAM MTB	MTB Non-Group	SL-SR-M12-R	—	●	19	
11-Speed						
SHIMANO Road	Centos 11	SL-A11	2x / 3x	●	29	
SHIMANO MTB	MTB Non-Group	SL-M11	2x / 3x	●	20	
	MTB Non-Group	SL-M11-R	—	●	20	
SRAM MTB	MTB Non-Group	BS-SR-M11-R	—	●	20	
10-Speed						
SHIMANO Road	R10	SL-T10	2x / 3x	●	36	
	R10	SL-A10	2x / 3x	—	36	
SHIMANO Tiagra 4700	Centos 10	SL-T10B	2x / 3x	●	32	
	Centos 10	SL-A10B	2x / 3x	—	32	

Compatibility	Series	Model #	Left Shifter	Index/Friction Switch	Page #	Product Photo
SHIMANO MTB	MTB Non-Group	SL-M10	2x / 3x	●	20	
	MTB Non-Group	SL-M10-R	—	●	20	
9-Speed						
SHIMANO Road/MTB	R9	SL-T09	2x / 3x	●	43	
	R9	SL-A09	2x / 3x	—	43	
ADVENT	ADVENT	SL-M19	—	●	2	
8-Speed						
SHIMANO Road/MTB	R8	SL-T08	2x / 3x	●	47	
	R8	SL-A08	2x / 3x	—	47	
SHIMANO Alfine/Nexus Compatible	City	SL-N08-R	—	●	56	

Thumb Tap Shifters

Compatibility	Model #	Left Shifter	Shifter Body	Optical Gear Indicator	Page #	Product Photo
9-Speed						
SHIMANO MTB	TS71-9	3x	Alloy	●	21	
	TS39-29	2x	Composite	●	15	
	TS39-9	3x	Composite	●	15	
	TS38-9	3x	Composite	●	22	
8-Speed						
SHIMANO MTB	TS71-8	3x	Alloy	●	21	
	TS39-28	2x	Composite	●	15	
	TS39-8	3x	Composite	●	15	
	TS38-8	3x	Composite	●	22	
7-Speed						
SHIMANO MTB	TS39-7	3x	Composite	●	15	
	TS38-7	3x	Composite	●	22	
SHIMANO Nexus Compatible	TN71-7	—	Alloy	●	57	

Compatibility	Model #	Left Shifter	Shifter Body	Optical Gear Indicator	Page #	Product Photo
6-Speed						
SHIMANO MTB	TS39-6	3x	Composite	●	15	
	TS38-6	3x	Composite	●	22	

Twist Shifters

Compatibility	Model #	Left Shifter	Gear Indicator Style	Grip Style	Page #	Product Photo
9-Speed						
Shimano MTB	DS85-9	3x	Window	Textured	23	
8-Speed						
SHIMANO MTB	DS85-8	3x	Window	Textured	23	
	MS29-8	3x	Dial and Arrow	Textured	23	
	MS25-8	3x	Dial and Arrow	Knurled	23	
7-Speed						
SHIMANO MTB	DS85-7	3x	Window	Textured	23	
	DS45-7R	—	Graphical	Knurled	22	
	MS29-7	3x	Dial and Arrow	Textured	23	
	MS25-7	3x	Dial and Arrow	Knurled	23	
	MS12-7	3x	Dial and Arrow	Knurled	24	
6-Speed						
SHIMANO MTB	MS29-6	3x	Dial and Arrow	Textured	23	
	MS25-6	3x	Dial and Arrow	Knurled	23	
	MS12-6	3x	Dial and Arrow	Knurled	24	

Compatibility	Model #	Left Shifter	Shifter Body	Optical Gear Indicator	Page #	Product Photo
Shimano Internal Geared Hub Compatible						
Nexus-8 Compatible	DN85-8	—	Window	Textured	58	
Nexus-7 Compatible	DN85-7	—	Window	Textured	58	
Nexus-3 Compatible	DN85-3	—	Window	Textured	58	
	MN27-3	—	Dial and Arrow	Knurled	58	

Downtube Shifters

Compatibility	Model #	Left Shifter	Index/Friction Switch	Page #	Product Photo
10-Speed					
Shimano Road	SL-D10	2x / 3x	—	51	
Shimano Tiagra 4700	SL-D10B	2x / 3x	—	51	
9-Speed					
Shimano Road	SL-D09	2x / 3x	—	51	
8-Speed					
Shimano Road	SL-D08	2x / 3x	—	51	

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	34-38T	10T	Dual Pull	Direct / Band	48.8mm	—	8	
	FD-M622D-T	34-38T	10T	Top Pull	Direct	48.8mm	—	8	
	FD-M622G-B	42-46T	12T	Dual Pull	Band	48.8mm	—	8	
Road 11-Speed									
Arsis Double	FD-R68	50-56T	16T	Down Pull	Braze-On/ Band	43.5mm	—	26	
Centos 11 Double	FD-R58	50-56T	16T	Down Pull	Brazed-On	43.5mm	—	29	
MTB 10-Speed									
XLE Triple	FD-M613	40-42T	18T	Dual Pull	Direct / Band	50mm	—	11	
	FD-M613D-T	40-42T	18T	Top Pull	Direct	50mm	—	11	
XLE Double	FD-M612	38-44T	14T	Dual Pull	Direct / Band	48.8mm	—	11	
	FD-M612D-T	38-44T	14T	Top Pull	Direct	48.8mm	—	11	
Road 10-Speed Tiagra 4700									
Centos 10 Double	FD-R552	50-56T	16T	Down Pull	Braze-On/ Band	43.5mm	—	32	

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	—	37	
R10 Triple	FD-R730	50/39/30T	20T	Down Pull	Braze-On/ Band	43.5mm	—	37	
	FD-R732	52/39/30T	22T	Down Pull	Braze-On/ Band	43.5mm	—	38	
Road Non-Group Double	FD-R74S	36-50T	14T	Down Pull	Braze-On/ Band	43.5mm	—	52	
MTB 9-Speed									
MarvoLT Triple	FD-M43	44/32/22T	22T	Dual Pull	Band	50/47.5mm	—	14	
ADVENT Double	FD-T492B	44-48T	12-16T	Dual Pull	Band	48.8mm	—	4	
MarvoLT Double	FD-M462	34-42T	14T	Dual Pull	Direct / Band	48.8mm	—	14	
Mezzo Double	FD-T392	44-48T	12-16T	Dual Pull	Band	48.8mm	—	16	
Road 9-Speed									
R9 Double	FD-R352	46-52T	16T	Down Pull	Braze-On/ Band	43.5mm	—	44	
R9 Triple	FD-R353	50/39/30T	20T	Down Pull	Braze-On/ Band	45mm	—	44	

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	●	51	
	FD-R52S	36-50T	14T	Dual Pull	Braze-On/ Band	43.5mm	—	52	
Road Non-Group Triple	FD-R539H	52/42/30T	22T	Down Pull	Braze-On/ Band	45mm	●	51	
MTB 8-Speed									
Mezzo Triple	FD-M30	42/32/22T	20T	Dual Pull	Band	50/47.5mm	—	16	
Mezzo Double	FD-T382	44-48T	12-16T	Dual Pull	Band	48.8mm	—	16	
Road 8-Speed									
R8 Double	FD-R252	46-52T	16T	Down Pull	Braze-On/ Band	43.5mm	—	48	
R8 Triple	FD-R253	50/39/30T	20T	Down Pull	Braze-On/ Band	45mm	—	48	
Road Non-Group Triple	FD-R538H	52/42/30T	22T	Down Pull	Braze-On/ Band	45mm	—	51	
MTB 7/8-Speed									
Mezzo Double	FD-M20	48/38/28T	18T	Dual Pull	Band	50/47.5mm	—	16	
	FD-M22	42/34/24T	20T	Dual Pull	Band	50/47.5mm	—	16	

Rear Derailleur

Series	Model #	Max Cog	Capacity	Clutch	Page #	Product Photo
Shimano MTB 11-Speed						
XCD	RD-M865M	40-46T	41T	●	6	
	RD-M86M	40-46T	41T	—	6	
XLE 11	RD-M665M	40-46T	41T	●	7	
	RD-M66M	40-46T	41T	—	7	
	RD-M665L	40-46T	47T	●	7	
	RD-M66L	40-46T	47T	—	7	
Shimano Road 11-Speed						
Arsis 11	RD-R68S	25-32T	35T	—	27	
Centos 11	RD-R58S	25-32T	35T	—	30	
Shimano MTB 10-Speed						
XLE 10	RD-M665M	40-46T	41T	●	10	
	RD-M66M	40-46T	41T	—	10	
	RD-M62L	36-42T	47T	—	10	
	RD-M61L	32-36T	43T	—	10	
	RD-M61S	32-36T	35T	—	10	

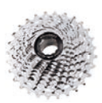
Series	Model #	Max Cog	Capacity	Clutch	Page #	Product Photo
Shimano Tiagra 4700 10-Speed						
Centos 10	RD-R55S	25-32T	35T	—	32	
Shimano Road 10-Speed						
R10	RD-R47S	25-28T	33T	—	39	
	RD-R47L	25-28T	39T	—	39	
	RD-R51M	30-34T	39T	—	39	
ADVENT 9-Speed						
ADVENT 9	RD-M6195M	46T	41T	●	3	
	RD-M619M	46T	41T	—	3	
	RD-M6195L	46T	47T	●	4	
	RD-M619L	46T	47T	—	4	
Shimano MTB 9-Speed						
MarvoLT	RD-M46L	28-46T	45T	—	13	
	RD-M46S	28-46T	39T	—	13	

Rear Derailleur

Series	Model #	Max Cog	Capacity	Clutch	Page #	Product Photo
Shimano Road 9-Speed						
R9	RD-R42S	28T	33T	—	44	
	RD-R42	28T	39T	—	44	
	RD-R43M	30-34T	39T	—	45	
Shimano MTB 8 / 9-Speed						
Mezzo	RD-M36L	34T	45T	—	15	
	RD-M36	34T	39T	—	15	
MTB Non-Group	RD-M26L	34T	45T	—	24	
	RD-M26S	34T	39T	—	24	
Shimano Road 7 / 8 / 9-Speed						
R8	RD-R32S	25-28T	33T	—	48	
	RD-R32	25-28T	39T	—	48	
Shimano MTB 6 / 7-Speed						
MTB Non-Group	RD-M21L	28-32T	43T	—	24	
	RD-M21LA	28-32T	43T	—	24	

Compatibility	Series	Model #	Left Shifter	Index/Friction Switch	Page #	Product Photo
MTB Non-Group	RD-M21S	28-32T	37T	—	24	
	RD-M21SA	28-32T	37T	—	24	
	RD-M21SS	28-32T	21T	—	24	
	RD-M21SSA	28-32T	21T	—	24	
Shimano Road 6 / 7-Speed						
Road Non-Group	RD-M21S	28-32T	37T	—	52	
	RD-M21SA	28-32T	37T	—	52	
	RD-M21SS	28-32T	21T	—	52	
	RD-M21SSA	28-32T	21T	—	52	

Cassette

Hub Compatibility	Model #	Range	Spider	Finish	Page #	Product Photo
11-Speed						
MTB 11-Speed	CS-G113	11-46T 11-42T	●	ED Black	6	
	CS-H113	11-46T 11-42T 11-40T	—	ED Black	8	
Road 11-Speed	CS-G110	11-25T 11-28T 11-32T	●	Chrome	27	
	CS-H110	11-25T 11-28T 11-32T	—	Chrome	30	
10-Speed						
MTB 10-Speed	CS-H103	11-42T 11-40T	—	ED Black	11	
	CS-G100	11-36T	●	Chrome	12	
	CS-H100	11-36T 11-34T 11-32T	—	Chrome	12	
Road 10-Speed	CS-G100	11-25T 11-28T	●	Chrome	33	
	CS-H100	11-25T 11-28T 11-32T 11-34T	—	Chrome	40	
9-Speed						
MTB 9-Speed	CS-H093	11-42T	—	ED Black	4	

Hub Compatibility	Model #	Range	Spider	Finish	Page #	Product Photo
MTB 9-Speed	CS-H092	11-36T 11-34T 11-32T	—	Nickel	14	
Road 9-Speed	CS-H092	11-25T 12-25T 11-28T 11-32T 11-34T	—	Nickel	45	
8-Speed						
MTB 8-Speed	CS-H082	11-34T 11-32T 12-32T	—	Nickel	16	
	CS-H081	11-34T 11-32T 12-32T	—	Black	17	
Road 8-Speed	CS-H081	11-28T 12-25T 12-28T	—	Black	49	
	CS-H082	11-28T 11-32T 12-32T 11-34T	—	Nickel	49	
MTB 7-Speed						
MTB / Road 7-Speed	CS-H072	12-28T	—	Nickel	17/53	
	CS-H071	12-28T	—	Black	17/53	