

Spectral:0N

BIKE

YOU

Spectral:ON The ONE

TRAIL

CANYON SPECTRAL:ON
PRESS KIT / OCTOBER 2026

ONE

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We've completely redesigned the Spectral:ON CF.
It's all new. Every bit of it. That's the short story.

The longer version goes something like this... Since the very first e-MTBs crawled out of the primordial goop, they presented a paradox for all mountain bikers. Having the power to ride further and faster was awesome. Yay, motors and batteries. But actually throwing around the extra weight of a motor and battery? Not awesome. This has always been the unhappy Yin and Yang of e-MTBs. Power is brilliant. Poor handling sucks.

We don't believe that riders should have to accept that tradeoff, which is why we made the new Spectral:ON one of the lightest, best handling, and, yes, most powerful e-MTBs yet.

Weighing as little as 20.8 kg and boasting a staggering 150 Nm of torque and 1,500 W of peak power, the new Spectral:ON CF flips the old e-MTB paradigm on its head.

This bike delivers both jaw-dropping power and outstanding ride quality.



BUT FIRST, A WORD ABOUT HOW WE'RE RELEASING THE NEW BIKES

Before we get into all the nerdy details, a quick word about how Canyon is releasing these new bikes into the wild... We're rolling out a grand total of four new Spectral:ON CF models between October and January — starting with the CF 9 model on October 13th.

Following the October launch date, we'll release one new model per month.

Riders can begin ordering these bikes on canyon.com in December. We'll be shipping these new bikes to new homes in most markets beginning in January. Selected bikes will also be available in the USA and Australia, available for delivery in early 2027.



October 13th

**Spectral:ON CF 9 goes live on
canyon.com**

November 12th

**Spectral:ON CF LTD goes live on
canyon.com**

December 4th

**Spectral:ON CF 8 goes live on
canyon.com**

**Consumers can place orders for
CF 9, CF LTD, and CF 8 during
December.**

January 19th

**Spectral:ON CF 7 goes live on
canyon.com**

**Bikes begin shipping to consumers.
All four models available for
ordering at this time.**

HERE'S WHAT'S NEW:



HERE'S WHATS CHANGED:



Lightweight

Spectral:ON is significantly lighter than before.

The CF LTD model weighs an impressive 20.8 kg, making it one of the lightest full-power e-MTBs to date.

Far more power (and power tuning options)

Via its Avinox M2S/FP700 motor and battery combo.

It now offers 150 Nm of torque and (setting it apart from many other Avinox-equipped bikes) 1,500 W of peak power in every ride-assist mode.

Faster charging

0 to 80% charge in as little as 1 hour and 16 minutes (with 12 A charger)

Geometry

More progressive geometry for improved control — particularly on descents.

HERE'S WHATS CHANGED:

Zero-hassle, fully-guided cable routing.

No need to remove either battery or motor when swapping cables.



Size-specific chainstays

S/M get shorter stays,
L/XL get longer stays.

Mullet 29er Compatible

Mullet and Full 29er compatibility
via flip-chip (always sold in
Mullet configuration)

Improved kinematics

Better traction, more playful feel,
outstanding pedaling efficiency.

2.9 kg Category 4e Carbon
Chassis

Carbon chassis tuning provides
outstanding steering precision
and improved traction



MORE THAN A MOTOR

We know that the most obvious headline for the new Spectral:ON will be that the bike now sports Avinox's M2S motor. And, sure, it's an impressive motor. Great bikes, however, aren't defined by a single component. Or to put a finer point on it — no matter how badass a motor might be, you can't actually ride the thing. It's just a component of the bike — not the bike itself.

The new Spectral:ON is the result of years spent dialing in the ideal carbon layup, frame geometry, suspension kinematics, shock tunes, component spec, and more.

Add it all up and what you get is a light-yet-tough bike that delivers outstanding control in a huge range of conditions. Suspension that strikes that holy grail combination of poppy playfulness and bottomless big-hit capability. Components that truly hold up to the rigors of hard riding. And, yes, a motor that doesn't just deliver ridiculous gobs of power, but delivers power smoothly, quietly, and naturally.

The new Spectral:ON has great parts, but it's how we shaped and combined all those different components that truly make this bike great.

THE WEIGHT IS OVER.

The new Spectral:ON marks a major leap forward in delivering the perfect combination of power and playfulness.

Weighing as little as 20.8 kg (45.8 lb), the Spectral:ON approaches the weight of some SL e-bikes yet delivers nearly twice the power of full power e-MTBs from just a few years ago. What you experience is a bike that feels much more natural on the trail than most full-power e-MTBs yet also delivers the kind of massive power that puts a much wider range of trails and adventures within your reach.

Motors and batteries are always going to add mass to e-MTBs. That's just physics for you. Some riders out there don't lose sleep over that extra weight because, well, there's that motor and battery powering them along.

But there are also plenty of us who pine for a lighter breed of e-MTB that possesses the lively ride quality of the best "push" bikes. It's hard, after all, to feel like you are nimbly threading the needle on tight trails when you're actually steamrolling along on a massive wrecking ball of an e-bike.



That desire for a more playful kind of e-MTB, of course, led to the birth of lightweight "SL" bikes. The smaller motors and batteries introduced a lively ride quality to e-MTBs, which was great. Time, however, has shown that a lot of riders want more range and power than those considerably svelter SL models can provide.

In short, there's been an obvious goldilocks gap at play here — riders want bikes that deliver the big torque of full-power e-MTBs, but they also want the livelier ride quality that lighter e-MTBs bring to the table.



LIGHT YET TOUGH

Making a lightweight bike isn't necessarily an accomplishment in itself. Making a lightweight bike that excels on enduro-grade downhill tracks and endures season after season of hard riding? Now, that's a much bigger deal. And that's precisely what we've accomplished with the new Spectral:ON CF.

The heart of every Spectral:ON CF model is a 2.9 kg (6.4 lb) full-carbon frame. We took everything we learned from building the last three generations of Spectral:ON (as well as the past two generations of Strive:ON) to shave every unnecessary bit of weight without compromising durability. Double-sealed bearings, oversized pivot hardware (which reduce stress on the bearings), meticulous carbon construction, and a robust motor skid plate are all key to making that a reality.

We built the Spectral:ON CF to withstand Category 4e strength and impact testing — and, most importantly, truly tough trails. To that end, we subjected the Spectral:ON CF to thousands of kilometers of trail testing.



Could we have made Spectral:ON CF even lighter?

Absolutely. We could have gone with a composite layup that was more suitable to light trail riding and we could've bolted on a bunch of wispy components. The result would have been a staggeringly light "complete bike weight" that would have made for great headlines on the Internet. But it would've also have sucked, on the trail.

A light bike is neither fast nor fun if you are stranded on the side of the trail with a busted frame or if the ride quality suffers because tires, forks, and wheels simply aren't up to the task when you're attempting to rocket through sketchy terrain at Mach Chicken speeds.

The Spectral:ON CF is one of the lightest full-power e-MTBs on the market while also boasting a build quality and component spec that truly hold up to hard riding, including SRAM Maven brakes, proper tires, and a full-size 700 Wh battery on all models.



A full-page photograph of a male cyclist wearing a white t-shirt, black pants, and a black helmet, riding a white and red Canyon Spectral.ON mountain bike down a steep, rocky trail. The background is a dense forest of green trees, heavily blurred to convey a sense of high speed and motion. The text "Ride far. Ride hard. Repeat..." is overlaid in white on the right side of the image.

Ride far.
Ride hard.
Repeat...

Our goal with the new Spectral:ON CF was to create a bike that could tackle the steepest and fastest descents possible, while not being so long and slack that it wound up feeling uninspiring on more sedate trails. In short, we wanted to create a trail bike that was incredibly capable, yet also felt comfortable and intuitive for a wide range of riders on a wide range of trails.

To that end, the new Spectral:ON CF has more in common — from a geometry perspective — to our award-winning Spectral CF trail bike than it does to the prior-generation Spectral:ON.

The Spectral:ON CF's slack 64-degree head angle keeps the bike stable on fast descents while its aggressively steep 78.5-degree seat angle puts you in the perfect position to efficiently transfer the power on climbs. This modern positioning centers the rider's mass perfectly over the bottom bracket, maximizing ergonomics and traction when putting down high-torque power on technical climbs.

Those core angles are constant across all frame sizes — from S and M to XL.

The Spectral:ON CF, however, does feature frame size - specific chainstays. SM and M models share 442 mm chainstays (in Mullet configuration) while L and XL models get 447 mm chainstays when rocking the same mixed wheel size.

It's worth noting that we also increased the reach on this new generation of Spectral:ON by about 10 mm per size while growing the bike's rear center slightly. The end result is more control and stability on descents plus better traction on climbs.



MULLET

	S	M	L	XL
Body height in mm	166	175	183	192
Body height max	175	183	192	200
ST length	405	425	445	465
BB drop rear	14	14	14	14
BB drop front	30	30	30	30
BB height	346	346	346	346
CS length horizontal	442	442	447	442
CS length effective	442	442	447	447
HT angle	64,0	64,0	64,0	64,0
HT length	117	125	135	145
Reach	445	470	495	520
Stack	634	642	650	659
Stack / Reach	1,43	1,37	1,31	1,27
Wheelbase	1231	1259	1293	1323
Front Center	789	817	847	876
TT length (horizontal)	574	601	627	654
Trail	134	134	134	134
ST angle actual	73,5	73,9	74,2	74,5
ST angle effective	78,5	78,5	78,5	78,5
ST offset	63	61	60	58
ST offset horizontal	66	64	62	61
Standover	774	780	786	790

	S	M	L	XL
Body height in mm	166	175	183	192
Body height max	175	183	192	200
ST length	405	425	445	465
BB drop rear	30	30	30	30
BB drop front	30	30	30	30
BB height	346	346	346	346
CS length horizontal	450	450	455	455
CS length effective	451	451	456	456
HT angle	64,0	64,0	64,0	64,0
HT length	117	125	135	145
Reach	445	470	495	520
Stack	634	642	651	660
Stack / Reach	1,43	1,37	1,31	1,27
Wheelbase	1239	1267	1302	1331
Front Center	789	817	847	876
TT length (horizontal)	574	601	627	654
Trail	134	134	134	134
ST angle actual	73,5	73,9	74,2	74,5
ST angle effective	78,5	78,5	78,5	78,5
ST offset	63	61	60	58
ST offset horizontal	66	64	62	61
Standover	774	780	786	790

What kind of suspension feel performance and feel were we aiming for with the new Spectral:ON CF?

For starters, we wanted to improve downhill performance. Trail riding continues to evolve — riders are pushing themselves on increasingly technical trails. Spectral:ON CF needed to meet their needs.

NEXT GEN
SPECTRAL:ON

PREVIOUS GEN
SPECTRAL:ON

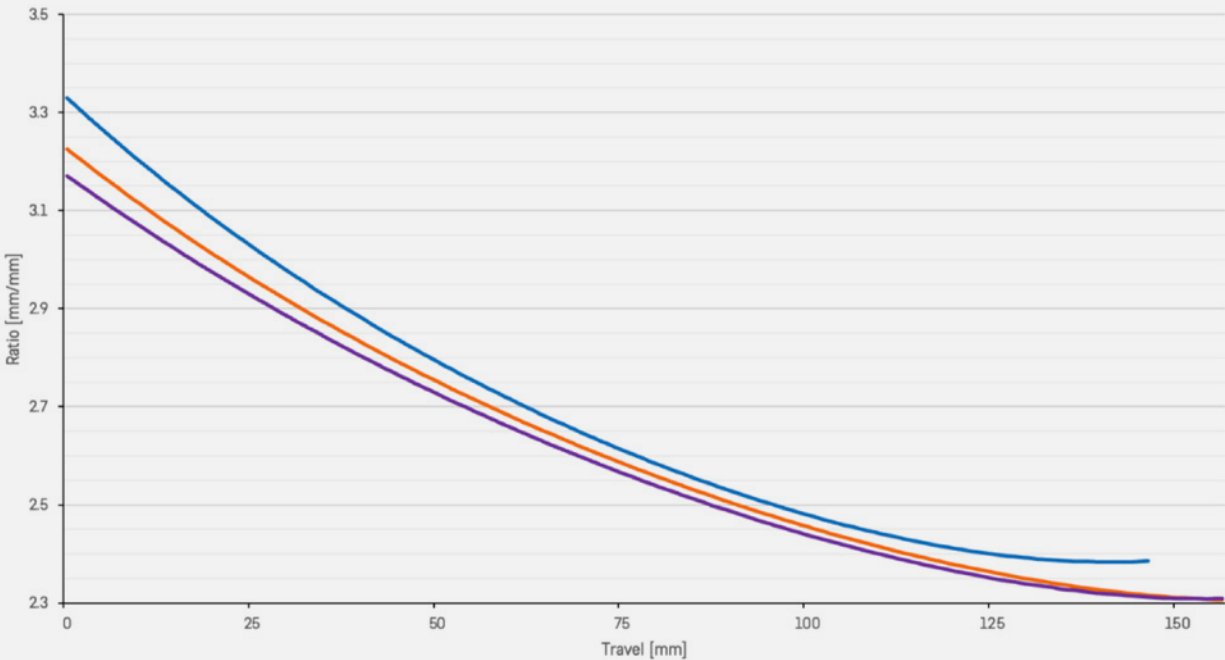
SPECTRAL:ONFLY

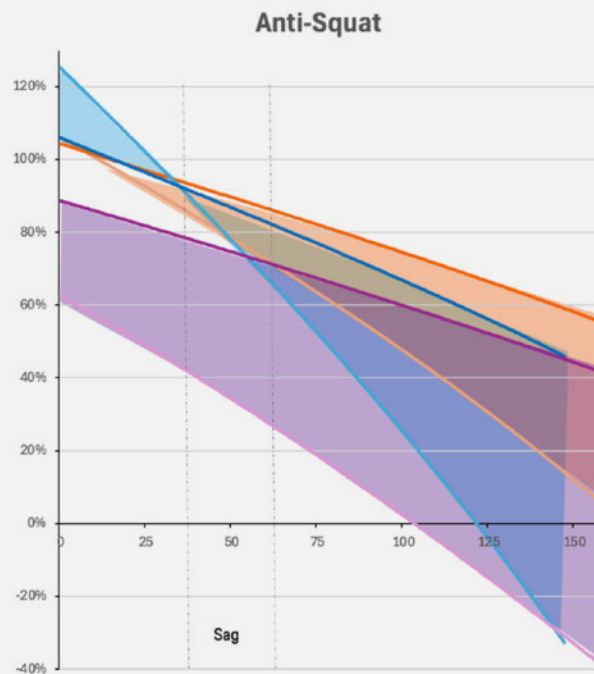
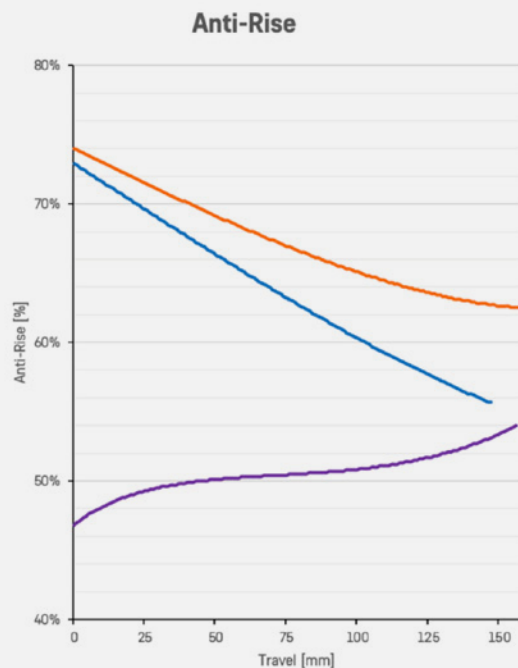
But the challenge with designing e-MTBs is that climbing performance is, for a lot of riders, just as important as downhill performance. Efficiency matters. Traction under extreme pedaling loads and over lumpy terrain matters. Contrary to popular opinion, you can't just slap a V8 engine on a bike with a poorly-designed rear suspension and dub it The King of Climbers. There's much more at play here.

Outstanding downhill and climbing performance were essential drivers of our design.

The leverage curve diagram tells part of the story here. We increased the leverage at the beginning of the travel to improve small-bump sensitivity and traction. And, compared to the Spectral:ONfly (M095), we reduced the overall leverage ratio to improve shock performance and durability.

Leverage Ratio





The Spectral:ON CF's ride feel isn't, naturally, solely the result of the bike's revised leverage ratio.

We incorporated a lot of what we learned when developing the award-winning Spectral CF "analog" bike — a decidedly playful whip that absolutely shreds technical trails despite harboring just 150/140 mm of front and rear suspension.

NEXT GEN
SPECTRAL:ON

PREVIOUS GEN
SPECTRAL:ON

SPECTRAL:ONFLY

To be specific (and feel free to follow along on the previous graph here), we increased anti-rise because the Spectral:ON CF's FP700 battery biases weight a bit forward on the chassis. Increasing the anti-rise helps offset that weight bias by keeping this new version of the Spectral:ON CF remarkably balanced and planted — even when you have to suddenly grab a fistful of brake.

We also increased anti-squat (compared to the previous Spectral:ON). The end result is there's no sluggish feeling during pedaling yet the bike still offers outstanding traction.

CARBON, TUNED FOR CONTROL

More stiffness doesn't always translate into more speed.

If you design a chassis that is over-the-top stiff, front to rear, you quickly wind up discovering the limits of your downhill control.

True, modern suspension components continue to evolve and improve, but adding a great fork or shock to a frame that is ultra stiff (particularly in the rear) leads to rear wheels skipping about in the rough and refusing to give you the traction you need to ride faster and push the envelope harder.

The beauty of carbon, as a frame material, is that you can engineer precise amounts of flex into the design of each frame component. It's a matter of perfecting the composite layup. This process is neither quick nor easy, but when a frame is designed with just the right balance of front-triangle stiffness and rear-end compliance, speed quickly becomes your friend.

We truly dived into this work on the original Strive:ON. The result was a bike that immediately took home the overall win in the e-Enduro World Series, as well as several "Best of" awards around the world. The Strive:ON's front end has a way of precisely navigating tight and fast conditions while the rear end just sticks to the ground when you are railing through chunky terrain. That was our goal. A stiffer front triangle paired with a more compliant rear end (seatstays and chainstays) was the key.

We've now applied everything we've learned to this new Spectral:ON CF. Yes, we've obsessed over the bike's suspension choices and shock tunes, but we're not content to simply leave your control in the hands of bolt-on components (no matter how good those components happen to be).

Control starts at the heart of the bike — with its carefully-tuned carbon chassis.





PERFECT HANDLING FOR ALL

Everyone deserves great handling, no matter their height or ride style. While that's a fairly self-evident statement, making that a reality on a bike is easier said than done. Nevertheless, we made it a priority on the new Spectral:ON CF.

We built this bike to be The One — the single e-MTB that ticks off all the boxes for every trail rider. That's a broad swath of humanity, so we built flexibility into its design.

Let's start with wheel size.

While the Spectral:ON CF comes equipped with "mullet" (29 front/27.5 rear wheels) for maximum agility, we know that some riders prefer the greater speed and momentum carry afforded by full 29er wheelsets.

If you want max speed, just swap the orientation of the chainstay-mounted flip-chip and you're ready to go full 29er. Looking for a more nimble and playful ride quality? Keep the Spectral:ON CF in its stock mullet set-up.

Likewise, we wanted to ensure that riders of all heights experienced the best weight distribution on the bike. Accordingly, Small and Medium frames get shorter chainstays than Large and X-Large frames.

Finally, riders who prefer the stock mullet wheelset configuration, but still want a slightly longer rear center can also swap the chainstay flip-chip into the 29er setting, while still rocking the rear 27.5 wheel.

In short, Spectral:ON gives you options.

CLASS-LEADING POWER AND CONTROL

Every one of our carbon Spectral:ON CF models is equipped with Avinox's top-of-the-line M2S motor and 700 Wh, FP700 battery. That combination of motor and premium battery gives you a class-leading 1,500 W and 150 Nm of climb-crushing torque.

The slim FP700 battery is a big part of the performance story. By equipping each of these bikes with Avinox's most advanced battery, we minimized weight, maximized playful handling, created an incredibly sleek bike, and gave riders the ability to tap into that awesome 1,500 W of peak power in each of the motor's five ride-assist modes — not simply Boost mode.

In Eco mode, Avinox's high-density battery easily delivers 2,000 m (and more) of climbing out of the fully-charged battery. That's more than 6,500 ft of elevation gain, for the Americans out there. When it's time to recharge — even that goes fast. You can charge this state-of-the-art battery, from empty to 80 % in just 1 hour and 16 minutes with the optional Avinox 12 A fast charger.

While a hell of a lot of digital ink has been spilled in the attempt to describe this motor's gargantuan power, there's a lot more to the Avinox M2S than its ability to get you to the top of otherwise punishing

climbs in record time. The power is unleashed so smoothly and quietly that it feels like a natural extension of, well, you.

You can also tune that power in each of the four primary ride-assist modes (Eco, Auto, Trail, and Turbo) — letting you decide whether you want just a little pedaling assist or a massive boost. The Spectral:ON CF is whatever you want it to be, which is pretty remarkable.

Both the degree and amazing ease of adjustability is one of the Avinox system's best, yet least heralded, features.

Trail riders, as a group, are not a monolith. Sure, some riders just stick to Turbo mode and blitz their way over hill and dale — taking full advantage of that ungodly power. But in our experience, many other riders want to maximize range or experience a ride that leaves them feeling more in control of their effort at the pedals. Those types flip between Eco and Trail ride-assist modes, busting out Turbo or Boost mode only when necessary.

Regardless of their motivations, different riders often want different experiences out of their e-MTBs and the Avinox touchscreen controller lets them achieve that by quickly

and easily personalizing each of their motor settings without faffing about for an eternity with their smart phone or an app.

Being able to swipe and tune your Spectral:ON CF in seconds flat means more riders will actually make the effort to make the Spectral:ON CF exactly what they want it to be.



OUTSTANDING SPEC. BRILLIANT VALUE.

We are launching four amazingly well-spec'd Spectral:ON CF models between October 13th and January 19th. Each model will deliver best-in-class performance and the best possible value.

Here's where you'd likely expect us to actually highlight all four of those models. And if this were a typical launch, that's precisely what we'd do. But as we said at the start of this press kit, we're taking a different approach to this launch.



October 13th

We're kicking off the launch with our shredder-spec bike — the Spectral:ON CF 9.

November 12th

We'll debut our limited-edition (we're only making 150 of them) Spectral:ON CF LTD on canyon.com

We'll update this press kit to include spec information on that model.

December 4th

The Spectral:ON CF 8 goes live on canyon.com

At that time, riders can place orders for the CF 9, CF LTD, and CF 8.

January 19th

The Spectral:ON CF 7 will be available for ordering on canyon.com

Canyon will begin shipping all models to consumers in nearly all countries. Riders in the USA will also be able to order bikes, beginning in December and should begin receiving their bikes in February.

Spectral:ON CF9



Drivetrain - SRAM XO
AXS Powermeter

Brakes – SRAM Maven
Silver

Avinox M2S motor and
FP700 battery

Wheels – DT Swiss
HCX1700

Shock - FOX Float X
Factory

Fork - FOX 36 Factory
160mm

The Spectral:ON CF 9 is our go-to e-MTB for riders who want the best-performing suspension paired with brakes, wheels and drivetrain that will perform flawlessly through seasons of hard riding.

The heart and soul of the Spectral:ON CF 9 is our enduro-grade carbon chassis paired with that impressive Avinox M2S motor and FP700 battery — the only battery that delivers Avinox's full 1500 W of peak power in every ride-assist mode.

All this comes together with FOX's top-tier 160 mm Fox 36 Factory fork and a Float X Factory shock. Other highlights include SRAM's XO AXS electronic drivetrain, DT Swiss' light and sturdy HCX1700 carbon wheels and SRAM's massively powerful Maven Silver Brakes.

01 When can I start talking about the Spectral:ON or publish articles about it?

You can publish information and stories about the new Spectral:ON CF beginning on October 13, 2026 at 11 AM CEST.

02 How many Spectral:ON CF models are there?

We are rolling out four core models between October 13th and January 19th, starting with the Spectral:ON CF 9 on October 13th.

We will release specific component spec information for each model on the day of its scheduled debut. In the case of the Spectral:ON CF 9, we've included component spec information here in the press kit (just go back a page and you'll find it).

Here's the model-release schedule:

October 13th: Spectral:ON CF 9 goes live on canyon.com

November 12th: Spectral:ON CF LTD goes live on canyon.com

December 4th: Spectral:ON CF 8 goes live on canyon.com (Consumers can

place orders for CF 9, CF LTD, and CF 8 during December)

January 19th: Spectral:ON CF 7 goes live on canyon.com (Bikes begin shipping to consumers. All four models available for ordering at this time)

03 Will the new Spectral:ON be available in all markets?

Yes, though the number of available models may vary slightly in a few countries. Riders in the USA, for example, will be able to choose from CF 9, CF 8, and CF 7 models.

04 What was Canyon aiming to achieve with the redesign of the Spectral:ON?

We aimed to bridge the performance gap between full power and light-assist "SL" e-MTBs. To be more exact, we wanted to build the lightest, most powerful, and most natural feeling e-MTB possible. Big power married to a more playful ride quality.

As riders we wanted our cake and we wanted to eat the damn thing too. And we build what we personally want to ride. The end result is the new Spectral:ON CF.

05 How did Canyon achieve those objectives?

There's no single answer or ingredient here. The most obvious starting point when discussing the bike's natural ride feel is the bike's weight. It's one of the lightest full-power e-MTBs on the market, which definitely contributes to the more playful feel.

We also tuned the carbon chassis to provide just the right amount of stiffness — this contributed to the bike's lively and poppy feel, as did the tweaks to its suspension kinematics. The geometry received a massive overhaul as well — helping make it both a better climber and descender.

When it comes to the Spectral:ON's awesome power, we equipped every Spectral:ON CF model with Avinox's top-tier M2S motor and their most advanced, high-density battery, the FP700.

The remarkably svelte FP700 battery helped us cleave significant weight from the bike, improving handling, but also had a big impact on the bike's power. That M2S motor and FP700 battery combo is the only pairing that lets riders tap into the M2S' full 1,500 W of peak power in every ride-assist mode

(not simply for short durations in Boost mode).

Beyond the sheer "Good lord!" sensation that rides shotgun with that 1,500 W and 150 Nm of torque, the Avinox M2S is a surprisingly subtle and nuanced motor that delivers power in a remarkably smooth and natural way. That, and its remarkable adjustability, were also key in helping us build an e-MTB that didn't simply boast staggering power, but also a more natural ride feel than what you experience on most full-power e-MTBs today.

06 What sets the Spectral:ON CF apart from other bikes in this class?

All of the above, really. The Spectral:ON CF is simply one of the lightest, most powerful, and most playful bikes around in a class of bulky e-MTBs that tend to bring power but not a whole lot of "quick and nimble" to the trail.

And then there's the outstanding value proposition... Each Spectral:ON CF model represents a best-in-class value at every price point. As you'll see (when we drop a new model every month between now and January), each model will offer an unrivaled "bang for your buck" quotient. We don't

make "cheap" bikes. With all respect, that's not in Canyon's DNA. We build the best bikes possible that just happen to also deliver the best possible value.

07 Is the new Spectral:ON CF a better descender than its predecessor?

Most definitely.

08 If so, how?

The slacker head angle (it's now 64° — 1.5° slacker than before), increased reach (about 10 mm per frame size), and longer wheel-base make the bike more stable and easier to control on the steepest and roughest downhill sections. We've also tweaked the leverage curve to give the bike better small-bump compliance, mid-travel support, and big-hit progression.

09 Is the new Spectral:ON CF a better climber than its predecessor?

Absolutely.

10 If so, how?

The steeper seat angle (it's now 78.5° — 2° steeper than before) puts you in the perfect position to efficiently transfer the power on

climbs. This modern positioning centers the rider's mass perfectly over the bottom bracket, maximizing ergonomics and traction when putting down high-torque power on technical climbs. The longer rear center also distributes rider weight more evenly, improving your traction on steep and loose climbs.

11 Do you have a geo chart I can check out?

Find geo charts on page 14 and 15.

12 How much does the new Spectral:ON frame weigh?

The Spectral:ON CF frame (size M) weighs 2.9 kg (6.3 lb).

13 How much suspension travel does the Spectral:ON CF have?

160 mm of front suspension.
155 mm of rear suspension.

14 Can I safely put a longer-travel fork on the Spectral:ON CF?

You can put a fork with up to 170 mm of suspension travel on the Spectral:ON CF. That's the maximum amount of allowable fork travel.

15 Can I put a piggyback rear shock on the Spectral:ON CF?

Yes, but when doing so you are limited to either a 600 ml water bottle or the larger 800 ml water bottle designed specifically for the Spectral CF.

16 What wheel size are you running on the Spectral:ON CF?

Each Spectral:ON CF model comes equipped with a mullet (29er front/27.5 rear) wheel combination. This helped us achieve that playful ride quality we were aiming for. However, if riders are more interested in maximizing their speed over rough terrain, it's hard to beat a full 29er (front and rear) wheel setup. We designed this bike to play nicely with both of those wheelset configurations. If you want to convert your Spectral:ON CF from mullet to full 29er, just re-orient the chainstay-mounted flip-chip, slip in a 29" rear wheel and you're all set.

17 Why does the Spectral:ON feature a 700 Wh Avinox battery, rather than Avinox's larger 800 Wh battery?

Both Avinox battery models are solid choices, but the 700 Wh FP700 battery was a better option for the Spectral:ON CF because it gives you the lightest weight, best ride quality and absolutely unrivaled power in

every ride-assist mode. The Avinox FP700 battery included on every Spectral:ON CF is Avinox's most advanced battery. This premium, high-density battery delivers tremendous power and range in a very compact, cylindrical package. The FP700's slim shape allows us to create an exceptionally sleek, full-power e-MTB that minimizes weight and maximizes ride quality on the trail.

As for power, the FP700 battery is the only Avinox battery that fully unlocks the M2S motor's 1,500 W of peak power — making it available to you in each of the Spectral:ON CF's power modes (and not simply for short periods of time in Boost mode).

18 Which battery charger comes standard with the Spectral:ON and how fast does it charge the bike's 700 Wh battery?

We include an Avinox 4 A charger as standard equipment with every Spectral:ON CF. The 4 A charger can recharge (from empty to 80%) the Spectral:ON CF's 700 Wh battery in 3 hours and 54 minutes. Want to charge your Spectral:ON more quickly? You can choose the faster-charging Avinox 12 A charger, which is available on canyon.com as an upgrade option at the time of purchase. This more powerful battery charger can recharge (from empty to 80%) the same 700 Wh battery in 1 hour, 16 minutes. In other words, the 12 A charger is three times as fast.

19 Can I upgrade to a faster battery charger when I buy the Spectral:ON?

Yes. If you want to charge your Spectral:ON CF more quickly, you can choose the faster-charging Avinox 12 A charger, which is available as an upgrade option and can be added to your cart at the time of purchase. This more powerful battery charger can recharge (from empty to 80%) the Spectral:ON CF's 700 Wh battery in 1 hour, 16 minutes. In short, the 12 A charger is three times as fast as the typically included Avinox 4 A charger.

20 Is the battery removable? How can I remove it?

Yes, it's removable, but as is true with other "fixed" batteries, removing the battery is not as quick a procedure as is the case with e-MTBs that feature external release hatches offering immediate access to e-bike batteries. As with other "integrated" batteries, you need to remove the motor, disconnect wires and slide the battery out. We recommend taking your bike to a bike shop to have this done.

21 Can I charge the battery off the bike?

In theory, yes, but doing so requires a good deal more effort than simply plugging directly into the charge port on your frame. We wouldn't recommend making any part of your life harder than it needs to be.