

2024 MODEL INFORMATION

Kawasaki
Let the Good Times Roll



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MODEL NAME **Elektrode**

MARKETING CODE **KSK030ARFNN**

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Intended as a general reference for the preparation of sales promotion and marketing material, some of the material contained herein may not apply to your market.

Photos used in this Model Information generally depict the USA model.



CONCEPT

KAWASAKI ELECTRIC BALANCE BIKE: KIDS' FIRST "FUN TO RIDE" EXPERIENCE

A child's first riding experience is a special thing, and Kawasaki's first ever electric vehicle—the Elektrode electric balance bike—is designed to offer just that. It does so in an approachable package for children, making it the perfect first step in a child's motorcycling journey. With looks and proportions akin to a balance bike, kids will feel at home right away, and an in-wheel electric motor means no loud exhaust and no chain like a traditional minibike, encouraging kids who might otherwise be a bit nervous to give it a try and see how much fun riding and controlling a powered two-wheeler can be.

Designed and built in-house by Kawasaki especially for young kids, the Elektrode offers the build quality and reliability the Kawasaki brand is known for. When kids see the iconic Lime Green paint, number plate and motocross-inspired graphics, their eyes will light up at this miniature version of their favourite Kawasaki machine, right out of a poster on their wall. Parents will notice that although it looks race-inspired, its light weight, low centre of gravity and parent-selectable speed modes make it mild enough to offer a light introduction to riding with plenty of peace of mind as kids make their first steps toward becoming a rider.

Able to fit in the back seat or trunk of a compact car just like a balance bike, it could be added to the family's camping gear for a weekend getaway, or brought along with the family's other bikes to make sure the littlest kid in the family has their own Kawasaki to ride with Mom, Dad, and siblings. The Elektrode is a great way to get the whole family involved, and with its unthreatening nature for young learners, it is truly a shortcut to two-wheeled fun.

POINTS TO PUSH

ADVANTAGE
01

DESIGNED AND BUILT BY KAWASAKI: LASTING PERFORMANCE AND BUILD QUALITY

With a powerful in-wheel electric motor, high-quality parts and a sturdy construction either designed and built by Kawasaki or selected to meet Kawasaki's exacting standards, the Elektrode is built to stand up to high-energy use by kids as they learn to handle their first two wheeled motorised machine.

Sized to Fit Children from 3 to 8 Years Old - P.8

16-inch wheels combined with an ideally sized frame and highly adjustable seat allow the Elektrode to fit a wide range of ages (3 to 8) with only a single model, so that parents do not need to worry about upgrading from a smaller bike to a mid-sized bike as kids grow. The Elektrode's low centre of gravity contributes to easier steering and makes the bike easy to pick up from the ground, giving kids added confidence.

Powerful Brushless In-Wheel Motor - P.4

In-wheel motor offers 250 watts of acceleration that brings smiles to small faces when the grip is twisted. The in-wheel motor also confers a low centre of gravity and helps to balance the bike, making it easier to steer and handle.

Chainless Drive and Silent Operation - P.4

The lack of a chain reduces the number of moving parts, while the silent, electric operation eliminates exhaust noise.

Premium Disc Brake - P.7

Designed with ample stopping power and excellent feel, the Elektrode's rear disc brake offers the performance kids need to learn braking skills that can be transferred to bigger bikes.

Foldable Footpegs - P.8

The Elektrode's footpegs can be folded up to provide a similar feel to a balance bike, then folded back down once they are more confident with balancing. This allows kids to truly grow along with the machine.

Sturdy Construction - P.6

With an aluminium frame, tough cast-aluminium wheels, steel fork and real motorcycle footpegs, the Elektrode is built and designed to withstand use from young riders.

ADVANTAGE
02

FUN, KID-CENTRIC DESIGN

Kids will feel comfortable straight away with the Elektrode's approachable size and kid-centric features. With three speed modes, parents can set the amount of power available to suit their child's skill and growth. Once kids are riding, the Elektrode's light weight and quiet nature will keep them having fun and looking forward to their next ride.

Three Selectable Speed Modes - P.5

Three selectable speed modes (Low: 8 km/h [5 mph] max, Mid: 12 km/h [7.5 mph] max, High: 21 km/h [13 mph] max) deliver a range of performance to accommodate kids as they grow in skill and confidence. The mode selector LCD screen requires a parental passcode so that parents control how much power is on offer. Alternatively, with the power off, kids can use the Elektrode like a balance bike and gradually work their way up to riding with the power on.

Long-Lasting In-Frame Battery - P.4

The lithium-ion battery is long-lasting and is built into the frame to help protect it from dirt, dust, and damage. An auto-sleep function turns the power off if no inputs are made for 10 minutes, which helps the battery last as long as possible on a single charge, and gives kids and parents one less thing to worry about when out riding.

Kawasaki Motocrosser-Inspired Styling - P.9

The prominent number plate, motocross-inspired graphics and iconic Lime Green paint mean there is no mistaking that this machine is part of the Kawasaki family.

Common Sizing - P.9

The seat post, handlebars and wheel sizes are shared with standard bicycle parts, allowing a close familiarity and ease of swapping and customisation.



TECHNICAL DETAILS

POWER UNIT

In-Wheel Motor

When kids twist the Elektrode's grip, electric power is delivered in a smooth, linear way to get the machine moving. This gives aspiring riders a mild, predictable feel of acceleration, gradually building their confidence and giving them a progressive taste of how fun bikes can be to control when the power kicks in.

- * A 250-watt in-wheel electric motor is located at the rear wheel. It provides ample power for kids to have fun while also ensuring the battery lasts long on a single charge. (Photo 1)



- * The brushless electric motor does not require regular upkeep, has no chain to maintain, and has no external moving parts.
- * The in-wheel motor also confers a low centre of gravity and helps to balance the bike, making it easier to steer and handle.
- * Silent, electric operation contributes to the approachable package.
- * The motor is sealed with no moving parts, which helps keep out dirt and water, and contributes to durability.

- * The motor does not produce heat like a gasoline-powered engine, nor does it expel exhaust emissions.

Long-Lasting In-Frame Battery

The large-capacity battery offers ample time for kids to play without the need to swap batteries mid-session. Being built into the frame helps protect the battery from day-to-day wear and tear and potential damage, ensuring it lasts a long time.

- * The lithium-ion battery offers up to 2.5 hours of running time from a single charge[†], and requires 2.5 hours for a full recharge. This means it can be used for the entirety of most outings for small children.

[†] Running time varies based on battery age, charge and the number of charge cycles it has had, rider weight, speed, and riding conditions.

- * The battery is built into the Elektrode's aluminium frame, which keeps it away from dirt, dust and rocks and protects it from potential damage from falls or hard use by kids, adding to the overall lifespan of the battery. (Photo 2)



- * The Elektrode is equipped with an auto-sleep safety feature that shuts off the power after 10 minutes of inactivity.

* The Elektrode's battery can be charged via a charging cable that conveniently connects between the front of the bike and any home outlet. (Photo 3)



* Using the provided adapter, the battery can be also charged from a car, camper or SxS vehicle with a 100-110 V AC power source, making it easy to charge up for the next ride while away from home. (Charging time will vary depending on the available amperage.)

Three Speed Modes with Passcode Parental Lock

Putting parents' minds at ease is the goal of the Elektrode's selectable speed modes. The lowest speed can work as a great introduction. As kids gain confidence parents can increase the power to keep the ride fun and attuned to each child's skill level.

* There are three speed modes available (Low: 8 km/h [5 mph] max, Mid: 12 km/h [7.5 mph] max, High: 21 km/h [13 mph] max) that can be selected via an LCD screen on the handlebars, making it simple to switch between each. (Photo 4)



- * The speed mode selector features a parental lock with a passcode so that only parents are able to change modes, preventing kids from adding in too much power too soon.
- * With the power turned off, the Elektrode can be used like a balance bike.
- * The bike must be stopped while modes are being switched.

CHASSIS

Rugged Aluminium Frame

Kawasaki's renowned build quality ensures that the Elektrode can stand up to hard use by kids. An aluminium frame, steel fork, and Kawasaki-crafted parts throughout add up to a tough package.



- * Lightweight yet strong aluminium frame is durable enough for regular hard use, but light enough for kids to easily pick up from the ground.

- * Highly rigid steel front fork offers a solid feel and lets young riders easily get the feel of steering the bike. (Photo 5)



- * Compact 832 mm wheelbase contributes to handling.
- * Handle and front wheel can be removed using a hex-wrench for even easier transport.

Premium Disc Brake

The rear-mounted mechanical disc brake offers ample stopping power. The brake operates like a motorcycle brake, so that young learners can get used to braking in a way that transfers well to bigger bikes later on.

* \varnothing 160 mm rear-mounted mechanical disc brake, controlled by a lever on the left handlebar, lets kids learn how to stop and regulate their speed—two important skills to master that can be carried over when they step up to a bigger bike. (Photo 6)



* The lever position can be adjusted to match young riders' hand size. (Photo 7)



16" Wheels & Tyres

Tough, sturdy wheels look great, with an off-road inspired design, and function well with easily serviceable tubes and tyre valves.

* Tough cast-aluminium wheels withstand hard use better than plastic wheels. (Photo 8)



* 16-inch wheels paired with a low seat height allow smaller children the stability that large wheels offer, and remove the need to upgrade from a 12-inch to a 16-inch machine as the child grows.

* The tyres are 16x2.125 HE-type tyres and feature tubes with Schrader-type valves, making them easily serviceable. Their off-road inspired looks lend to the Elektrode's motocrosser image. (Photo 9)



Ideal Ergonomics for Kids

The Elektrode is sized to accommodate riders from ages 3 to 8, with a highly adjustable seat height and a frame sized to accommodate it, which are paired with 16-inch wheels that work well for children of many sizes. The result is a machine that does not need to be upgraded to a larger model as the child grows.

* Adjustable seat height is 410 mm at the lowest and 520 mm at the highest, accommodating 3- to 8-year-olds between 95 and 140 centimetres and under 45 kg. (Photo 10)



* Folding steel footpegs with rubber pads are similar to those used on Kawasaki's full-sized motorcycles. They are made to be rugged and damage-resistant even on much larger machines. These footpegs can be folded up and out of the way to allow the child to use the Elektrode like a balance bike. (Photos 11-12)



- * Handlebar design contributes to an upright riding position, while leaving plenty of room for the knees of growing young riders. (Photo 13)



- * Sizing of the handlebar and seat components is common with those of standard bicycle parts, facilitating swapping and customisation.
- * Overall chassis size was designed to be manageable by every intended age group.

KX-Inspired Styling

The Elektrode is designed to look more like a full-fledged motorcycle than a child's toy. With looks reminiscent of the KX motocross models kids can see in posters, magazines and racing on TV, they will be excited by design touches like a front number plate, dirt-inspired tyres, Kawasaki Lime Green paint and racing graphics.



- * KX-style front-mounted number plate clearly shows the Elektrode's race-inspired design. (Photo 14)



- * Smooth, clean lines—thanks in part to the in-frame battery—contribute to the simple, sporty looks.
- * Paint applied with the same quality standards as for Kawasaki motorcycles ensures the Elektrode stands up to hard use in addition to looking great.
- * Colour and graphics matching Kawasaki's off-road lineup give kids the excitement that they are riding a bike just like the pros or like bigger kids.
- * Dirt-inspired tyres add to the off-road looks.

COLOUR(S)

* Lime Green - GN1



SPECIFICATIONS

KSK030ARFNN

DIMENSIONS	
Overall length	1,235 mm
Overall width	582 mm
Overall height	767 mm
Wheelbase	832 mm
Road clearance	139 mm
Seat height	410-520 mm
Curb mass	14.5 kg
PERFORMANCE	
Rated output	250 W
Max. speed	Low: 8 km/h {5 mph} Mid: 12 km/h {7.5 mph} High: 21 km/h {13 mph}
MOTOR	
Type	Air-cooled, brushless, in-wheel
BATTERY	
Type	Lithium-ion (in-frame)
Voltage/Capacity	36 V 5.1 Ah (187.2 Wh)
Running time	150+ minutes
Maximum charge cycles	500 (after which 80% of original charge capacity)

FRAME

Type	Aluminium
Fork: Front	ø28.8 mm steel fork
Tyre: Front	16 x 2.125
Rear	16 x 2.125
Brake: Rear	ø160 mm mechanical disc
Handlebar clamp size	ø22.2 mm
Steering stem size	ø28.6 mm
Seat post size	ø27.2 mm

KAWASAKI TECHNOLOGY



The specifications mentioned here apply to and have been achieved by production models under standard operating conditions. We intend only to give a fair description of the vehicle and its performance capabilities but these specifications may not apply to every machine supplied for sale. Kawasaki Motors, Ltd. reserves the right to alter specifications without prior notice. Equipment illustrated and specifications may vary to meet individual markets. Available colours may vary by market.