OFF-ROAD THRILLS, ON-ROAD VERSATILITY

When it comes to the art of motorcycle manufacturing, producing a great dual-sport is about as tough as it gets. That’s why we can’t help but be proud and excited about the remarkable 2024 Honda CRF®450RL. This masterpiece is so much more than a motocrosser with a license plate, offering unrivaled versatility and a plethora of features. You’ll experience off-road riding without compromise, thanks to this bike’s exceptional CRF450X foundation, boasting a six-speed transmission and superb chassis geometry. By prioritizing lightness and agility we’ve created a true dirt bike that conquers any terrain effortlessly. From rugged trails to smooth pavement, this rugged machine adapts seamlessly. Say goodbye to the hassle of trucks and trailers – with the CRF450RL the world is yours to explore without limitations. Redefine what’s possible on two wheels!
SPECIFICATIONS

ENGINE TYPE — 450cc liquid-cooled single-cylinder
BORE AND STROKE — 96.0mm x 62.1mm
COMPRESSION RATIO — 12.0:1
VALVE TRAIN — Unicam® OHC; four valves per cylinder
INDUCTION — Programmed Fuel Injection (PGM-FI), 46mm downdraft throttle body
TRANSMISSION — Wide-ratio six-speed
FINAL DRIVE — #520 Chain; 13T/51T
FRONT SUSPENSION — 49mm leading-axle inverted telescopic Showa® coil-spring fork with rebound- and compression-damping adjustability; 12.0-inch travel
REAR SUSPENSION — Pro-Link® Showa single shock with spring preload, rebound- and compression-damping adjustability; 11.8-inch travel
FRONT BRAKE — Single 260mm disc with twin-piston caliper
REAR BRAKE — Single 240mm disc
FRONT TIRE — IRC GP21; 80/100-21
REAR TIRE — IRC GP22; 120/80-18
RAKE — 28.5°
TRAIL — 4.8 inches
WHEELBASE — 58.9 inches
SEAT HEIGHT — 37.2 inches
GROUND CLEARANCE — 12.6 inches
FUEL CAPACITY — 2.0 gallons
CURB WEIGHT — 289 pounds (includes all standard equipment, required fluids and a full tank of fuel)

FEATURES & BENEFITS

FULLY STREET LEGAL & OFF-ROAD CAPABLE
The CRF450RL is equipped with a catalytic converter and is fully street legal in all 50 states — and off-road capable just about anywhere on the planet. That means you can ride it wherever it’s legal to operate a motor vehicle — in state and national parks, on the road, on public lands. Plus, you don’t need to haul your bike to the trailhead in a truck or on a trailer.

ELECTRIC START
An electric start system ensures trouble-free starting in all conditions. The electric starter also drives the clutch side of the crankshaft to provide superior lubrication to starter gears while producing a narrow engine with a short, strong crank.

450cc UNICAM ENGINE
The CRF450RL’s Unicam cylinder-head combines the best of single- and double-overhead-cam designs, and shares its DNA with our championship-winning CRF450R. The configuration saves weight compared to a dual-overhead-camshaft motor, and the camshaft sits lower in the head for a more compact engine and a lower center of gravity. You also get a narrow included valve angle that flattens the combustion chamber for better ignition flame propagation and a high compression ratio.

WIDE-RATIO SIX-SPEED TRANSMISSION
Like our CRF450X, the CRF450RL rocks a wide-ratio six-speed gearbox. That gives you a low gear perfect for tight, slow situations, and a top gear that’s tall enough for highway riding to the next gas stop or trailhead.