



2004 Model Information

Model Code: KLX110-A3

Model Name: KLX110



MODEL CONCEPT

Aimed at youngsters in the 4~12 age group, the KLX110 is specially designed to teach young riders safe riding techniques while introducing them to the fun of off-road riding. Although it features racy styling and bodywork similar to the KX mini-crossers, the KLX110 is not a race bike, it is a play bike, and might best be described as a mini-enduro.

The KLX110 is loaded with child-friendly features, such as an automatic clutch, neutral-only starting, adjustable throttle, multiple heat shields and lower chain guard, all of which make it a great bike for young, first-time riders.

Powering the KLX110 is a slightly modified version of the AN110 engine. Changes include the adaptation of a 3-speed transmission with automatic clutch, revised cam timing for more low-rpm response, and a narrower clutch cover to reduce engine width.

Delivering responsive low and midrange output, the SOHC horizontal Single is a very kid-friendly power unit.

The lightweight chassis is a mix of new components, such as the frame and braced swingarm, and existing components taken from the KX mini-motocrossers. The back bone tube frame is of high-tensile steel tubing and the braced swingarm runs with a newly designed shock. Up front, the 30 mm front fork features a lightweight aluminium upper triple clamp and runs with plenty of travel for soaking up the bumps.



Racy Motocross styling comes courtesy of the KX65, from which it borrows much of its body work, including the number plate, fuel tank, seat, shrouds, rear fender and various other components.

With the 4-stroke off-road revolution in full swing, the new KLX110 will get kids started out right in this exciting new era.

KEY POINTS

- **Responsive 4-stroke engine with automatic clutch**
- **Many child-friendly features**
- **Rugged chassis**
- **Racy KX-derived styling**
- **Quiet operation and high reliability**



MAIN FEATURES

Engine

Air-cooled 111 cm³ SOHC engine pumps out plenty of responsive low-rpm torque for easy-to-ride power characteristics.

Cam timing specially modified for low-rpm performance.

Keihin PB18 carburettor specially tuned for easy off-road riding.

Quiet, efficient muffler is fitted with a spark arrestor.

Automatic clutch makes for easy shifting of the 3-speed transmission.

Hot sparking CD ignition for quick starts and low maintenance.

Efficiently designed airbox is compact and easy to service.



Frame & Suspension

Backbone frame of high-tensile steel tubing is lightweight and sturdy. Braced swingarm of high-tensile steel contributes to the KLX110's excellent handling characteristics.

The 30 mm front fork uses a lightweight aluminium upper triple clamp, has a long 110 mm stroke, and has an offset axle. Ride quality is excellent.

Gas rear shock absorber has a 55 mm stroke, an inner rod guard and gives 107 mm of rear wheel travel.

Rugged KX60 footpegs are designed for good grip. Convenient side stand eases maintenance chores.



Child-Friendly Features

Neutral-only starting prevents the bike from being started in gear.

Adjustable throttle allows adults to adjust the KLX110's performance to suit the child's riding abilities.

Handlebar mounted kill switch shuts things down in a hurry.

Three separate heat shields are mounted on the exhaust system. Long lower chain guard.



Wheels/Tyres/Brakes

Spoked wheels are sturdy and lightweight.

Steel rims measure 14 x 1.4 (front) and 12 x 1.60 (rear).

High traction Chen Shin off-road tyres (Front: 2.50-14 4PR, Rear: 3.00-12 4PR).

Responsive drum front brake comes from the KX60.

Reliable drum brake rear hub uses rear hub from the AN110 with added shock absorbing dampers.



Styling

Newly designed front fender enhances the KX image.

Plastic KX65 fuel tank looks great, holds plenty of fuel for long rides and takes lots of punishment. Convenient reserve feature lets kids know when it's time to head back to base camp.

KX65 shrouds give the KLX110 the look of a true motocrosser.

Long, deeply padded KX65 seat gives a comfortable ride and features a new, sharp looking Kawasaki logo.

Side covers and slim rear fender also come from the KX65 and give the bike smooth lines while enhancing rider manoeuvrability.

Lightweight KX65 number plate completes the racy imagery.

SPECIFICATIONS KLX110-A1

ENGINE

Type	4-stroke Single
Displacement	111 cm ³
Bore and Stroke	53 x 50.6 mm
Compression ratio	9.5:1
Valve system	SOHC, 2 valves
Carburettor	Keihin PB18
Ignition	CDI
Starting	Kick
Cooling	Air
Lubrication	Forced lubrication, wet sump

DRIVETRAIN

Transmission	3-speed, return shift
Primary drive	Gear
Final drive	Chain
Clutch	Centrifugal, wet, multi-disc

FRAME

Type	Steel backbone
Suspension:	front 30 mm telescopic fork
	rear Single shock
Wheel travel:	front 110 mm
	rear 107 mm
Tyre	front 2.50-14 4PR
	rear 3.00-12 4PR
Caster (rake)	25.5°
Trail	54 mm

BRAKES

Front brake	Drum (ø 90 mm)
Rear brake	Drum (ø 110 mm)

DIMENSIONS

Overall length	1,555 mm
Overall width	660 mm
Overall height	955 mm
Wheelbase	1,065 mm
Ground clearance	190 mm
Seat height	650 mm
Dry weight	64 kg
Fuel capacity	3.8 litres

PERFORMANCE

Maximum power	4.6 kW {6.2 PS}/ 7,000 rpm
Maximum torque	6.9 N·m {0.70 kgf·m}/ 4,500 rpm

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 Heavy Industries, Ltd. reserves the right to alter specifications without prior notice. Equipment illustrated and specifications may vary to meet individual markets.