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YADEA YDX1

Yadea ElitePrime X1 Electric Kick Scooter User Manual

INTRODUCTION

Welcome to the Yadea ElitePrime X1 Electric Kick Scooter user manual. This document provides essential information for the safe and efficient operation, assembly, maintenance, and troubleshooting of your new electric scooter. The ElitePrime X1 is designed for adults, featuring a powerful 1500W peak motor, a long-lasting battery offering up to 40 miles of range, and a top speed of 20 MPH. Its robust design includes 10-inch tires, triple braking, and dual suspension for a comfortable and secure ride, even on inclines up to 30%.

SETUP AND ASSEMBLY

Your Yadea ElitePrime X1 electric kick scooter comes partially assembled. Follow these steps to complete the setup and prepare your scooter for its first ride.

Unboxing and Initial Assembly

Carefully remove all components from the packaging. Ensure all parts listed in the 'What's In The Box' section are present.

What's In The Box



Charging case



Charging cable



Product manuals*3



Tools and kits



Extended air valve



Screws*6

Image showing the contents of the Yadea ElitePrime X1 package, including the scooter, charger, charging cable, product manuals, tools, extended air valve, and screws.

Lift the stem of the scooter until it locks into place. Connect the handlebar to the stem, ensuring all wires are properly connected. Secure the handlebar using the provided screws and tools.

First Charge

Before your first ride, fully charge the scooter's battery. Connect the magnetic charging plug to the scooter's charging port and plug the adapter into a power outlet. The display will indicate charging status.

This video demonstrates the assembly process of the Yadea ElitePrime X1 electric kick scooter, including connecting the handlebar and preparing for first use.

OPERATING INSTRUCTIONS

Familiarize yourself with the scooter's controls and safety features before riding. Always wear appropriate safety gear, including a helmet.

Power On/Off and Speed Modes

Press the power button on the handlebar display to turn the scooter on or off. Cycle through different speed modes (e.g., Walk, Drive, Sport, Speed) by double-tapping the power button. The display will show your current speed mode and battery level.

App Connectivity

Download the Yadea app to access smart features such as locking/unlocking the scooter, real-time ride updates, cruise control, and energy recovery settings. Connect via Bluetooth for seamless control.



The Yadea app interface showing smart connection features like cruise control, OTA wireless upgrade, energy recovery, and Bluetooth parking.

Braking System

The ElitePrime X1 features a triple braking system for maximum safety: a front drum brake, a rear disc brake, and an electric brake. Use the brake levers on the handlebar to engage the mechanical brakes. The electric brake provides additional stopping power and regenerative braking.

This short video demonstrates the Yadea ElitePrime X1 electric kick scooter in operation, showcasing its smooth ride and maneuverability.

KEY FEATURES

Powerful Motor and Extended Range

Experience exhilarating rides with the ElitePrime X1's 800W motor, capable of a 1500W peak output. This power allows for speeds up to 20 MPH and effortless climbing of 30% inclines. The large lithium battery provides an impressive range of up to 40 miles on a single charge, minimizing range anxiety.



An exploded view of the 1500W motor, highlighting its 40 N·m peak torque, 20 MPH max speed, and 30% max slope capability.



Image illustrating the 40-mile maximum range and 678 Wh battery capacity of the scooter, emphasizing long-distance travel.

Advanced Suspension and Tires

The ElitePrime X1 is built for comfort with front and rear polymer shock absorbers, providing 2.4 inches of shock absorption stroke distance to reduce rattle and absorb impact more effectively than traditional springs. Coupled with 10-inch MPN self-healing tubeless tires, featuring a 2.7-inch widened tread and a gel layer for puncture resistance, you'll enjoy a smooth and stable ride across various terrains.



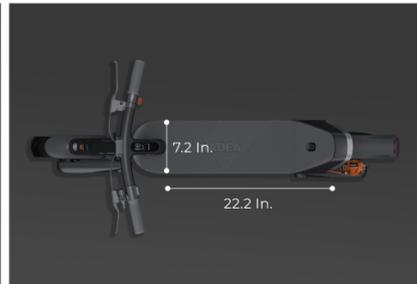
Diagram showing the front and rear polymer shock absorbers, providing 2.4 inches of shock absorption for a comfortable ride.

Minimalist Urban Aesthetics

23 In.
Wide handlebar



7.2x22.2 In.
Widened and lengthened deck



6.1 In.
Chassis ground clearance



Close-up of the 10-inch thickened tubeless tire with a 2.7-inch widened tread, featuring a self-healing gel layer for puncture resistance.

Comprehensive Safety Features

Safety is paramount with the ElitePrime X1. It incorporates a triple brake system, combining front drum and rear disc brakes with an electric brake for reliable stopping power. Intelligent dumping protection cuts off power to the motor if the scooter tilts past 45 degrees, helping to slow down and minimize damage. For visibility, it features a motorcycle-class spotlight headlight with a 120° illumination angle and 15m distance, a unique gene taillight, and recessed turn signals with sound warnings.



Illustration of the triple brake system, including disc dual-brake, drum brake, and electric brake, along with intelligent dumping protection.



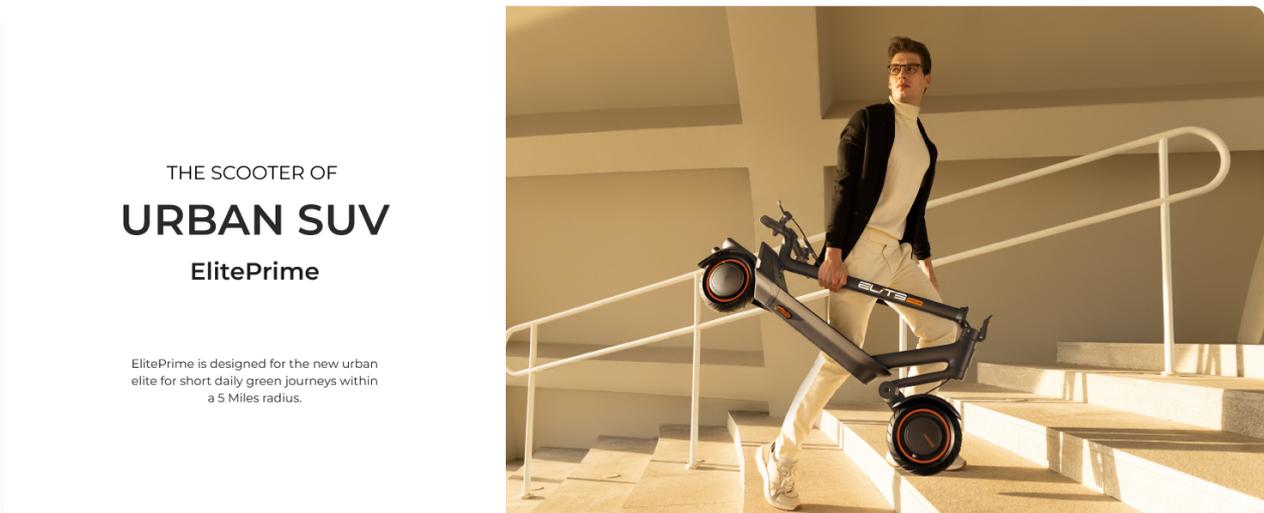
View of the motorcycle-class spotlight headlight, offering a 120° illumination angle and 15m illumination distance.



Rear view of the scooter showing the unique gene taillight and recessed turn signals with sound warning for enhanced visibility.

Design and Portability

The ElitePrime X1 boasts minimalist urban aesthetics with a wide 23-inch handlebar and a widened, lengthened 7.2 x 22.2-inch deck for rider comfort. Its 6.1-inch chassis ground clearance ensures smooth navigation over various urban obstacles. For convenience, the scooter features a three-step folding mechanism with two-lock protection, making it simple and safe to fold and transport.



THE SCOOTER OF
URBAN SUV
 ElitePrime

ElitePrime is designed for the new urban elite for short daily green journeys within a 5 Miles radius.

Diagram illustrating the scooter's dimensions, including a 23-inch wide handlebar, 7.2x22.2-inch widened and lengthened

deck, and 6.1-inch chassis ground clearance.

THE SCOOTER OF
URBAN SUV
ElitePrime

ElitePrime is designed for the new urban elite for short daily green journeys within a 5 Miles radius.



Image demonstrating the three-step folding mechanism with two-lock protection, making the scooter simple and safe to fold and transport.

Durability

The ElitePrime X1 is built to withstand various weather conditions with an IPX5 waterproof grade, ensuring reliable performance even in light rain or splashes.

THE SCOOTER OF
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ElitePrime is designed for the new urban elite for short daily green journeys within a 5 Miles radius.



Image showing the scooter being ridden through water, illustrating its IPX5 waterproof grade.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Yadea ElitePrime X1. Keep tires properly inflated, check brake functionality regularly, and clean the scooter with a damp cloth. Avoid using high-pressure water jets directly on electronic components. For detailed maintenance schedules and procedures, please refer to the comprehensive user manual included with your product.

TROUBLESHOOTING

If you encounter any issues with your scooter, please consult the troubleshooting section in the full user manual for common problems and solutions. For persistent issues or technical support, contact Yadea customer service.

SPECIFICATIONS

Feature	Specification
Brand	YADEA
Model Name	YDX1
Motor Power	800W (1500W Peak Output)
Max Speed	20 MPH
Max Distance Range	40 Miles
Battery Capacity	678 Wh
Hill Grade	30%
Tire Size	10 Inches
Tire Type	MPN Self-healing Tubeless Rubber
Brake Style	Front Drum, Rear Disc, Electric Brake
Suspension Type	Dual Polymer Shock Absorbers
Waterproof Grade	IPX5
Frame Material	Aluminum
Item Weight	61.7 Pounds
Weight Limit	265 Pounds
Charging Time	8 Hours
Handlebar Type	Adjustable
Included Components	Charger

WARRANTY AND SUPPORT

Yadea offers a professional warranty and service for the ElitePrime X1. This includes a 30-day money-back guarantee and a one-year or 180-day warranty on different parts, as detailed in the user manual. For any inquiries or support, please contact our US-based professional 24-hour online service.