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LUFICAR lufi-XS-1

LUFICAR Xf Multifunctional OBD2 Gauge Display User Manual

Model: lufi-XS-1

Product Overview

The Lufi-Xf multi-function meter provides car enthusiasts with real-time display of engine load conditions, prevents faults, clears and reads fault codes, and helps save on maintenance costs. This device is designed to enhance your driving experience by providing critical vehicle data at a glance.



Image: The LUFICAR Xf Multifunctional OBD2 Gauge Display.

Key Features

- **High-Definition Display:** Features a 3.5-inch TFT high-definition display with excellent brightness, high contrast, and strong visual hierarchy for clear reading day or night.
- **Comprehensive Data Display:** Real-time display of various ECU data such as speed, water temperature, voltage, fuel consumption, air-fuel ratio, and turbocharger. This compensates for missing data in original or older vehicle instruments.
- **Customizable Warnings:** User-customizable warnings for low pressure, high water temperature, overspeed,

and gear shift to prevent overload damage and ensure vehicle and passenger safety.

- **Low Standby Current:** Designed with a low standby current of 1.5mA.



Image: The LUFICAR Xf display highlighting its low standby current.

Compatibility

The Lufi-Xf meter is applicable to vehicles using the OBD2 protocol after 2006, including cars and trucks. It is not suitable for pure electric vehicles.

Important Compatibility Notes:

- Not compatible with all SAE J1850 protocol models from Ford, GM, Chrysler, Chevrolet, etc., prior to 2006.
- Displayed ECU data is dependent on the sensors present in your vehicle. Data not available from the ECU cannot be displayed.
- Oil temperature and transmission temperature may not be displayed on most models. For specific models, custom PID upgrades might be required. Please contact an engineer for upgrade assistance if this is a key feature for your purchase.



Image: Compatibility chart for LUFICAR Xf, detailing supported regions, brands, and manufacturing years.

What's in the Box

The product package typically includes the LUFICAR Xf Multifunctional OBD2 Gauge Display unit, an OBD2 connection cable, and various mounting accessories such as double-sided tape or a suction cup mount.

Setup

Installation

The Lufi-Xf gauge is designed for easy, plug-and-play installation. Simply locate your vehicle's OBD2 port and connect the provided cable.



Image: Connecting the OBD2 cable to the vehicle's port.

Video: A demonstration of the Lufi-Xf multifunction gauge, including its easy plug-and-play installation and various

display options.

Initial Configuration

Upon initial power-up, the device may require some basic configuration. You can navigate through the setup menu to customize display settings, warning thresholds, and other preferences to match your vehicle and driving style.

Operating Instructions

Display Modes

The Lufi-Xf offers multiple display interfaces to present vehicle data. Users can select from 5 different interfaces, each designed to show various parameters in a clear and organized manner.

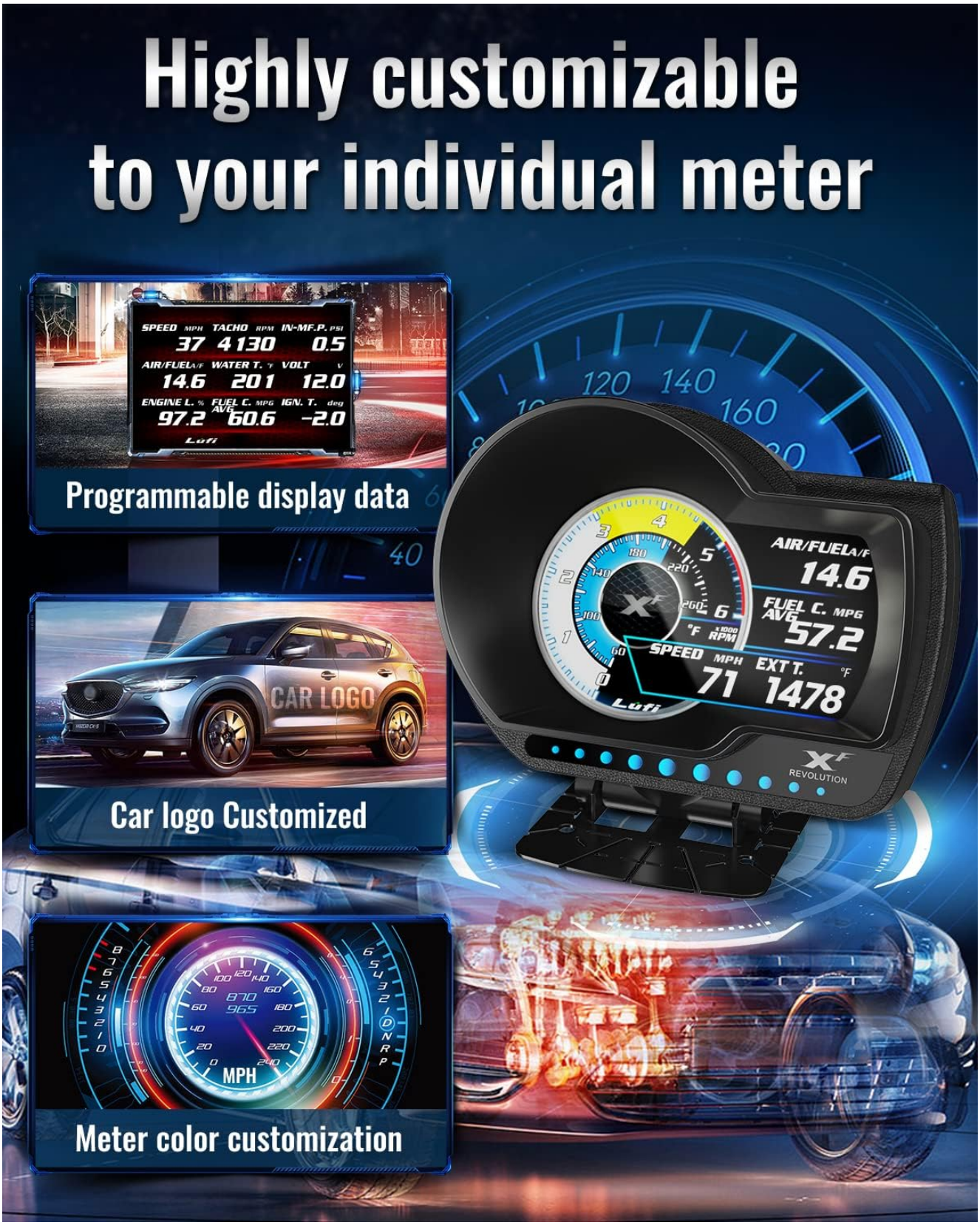


Image: The LUFICAR Xf display showcasing various customizable display modes.



Image: Different display layouts available on the Lufi XF gauge.

Customization

Personalize your gauge display with various customization options, including programmable display data, car logo customization, and meter color customization to suit your preferences.



Image: Customization options for car logo and meter color on the LUFICAR Xf.

Warning Systems

The device features customizable warning systems for critical parameters such as low pressure, high water temperature, overspeed, and gear shift. These warnings help prevent potential damage and ensure safe operation of your vehicle.

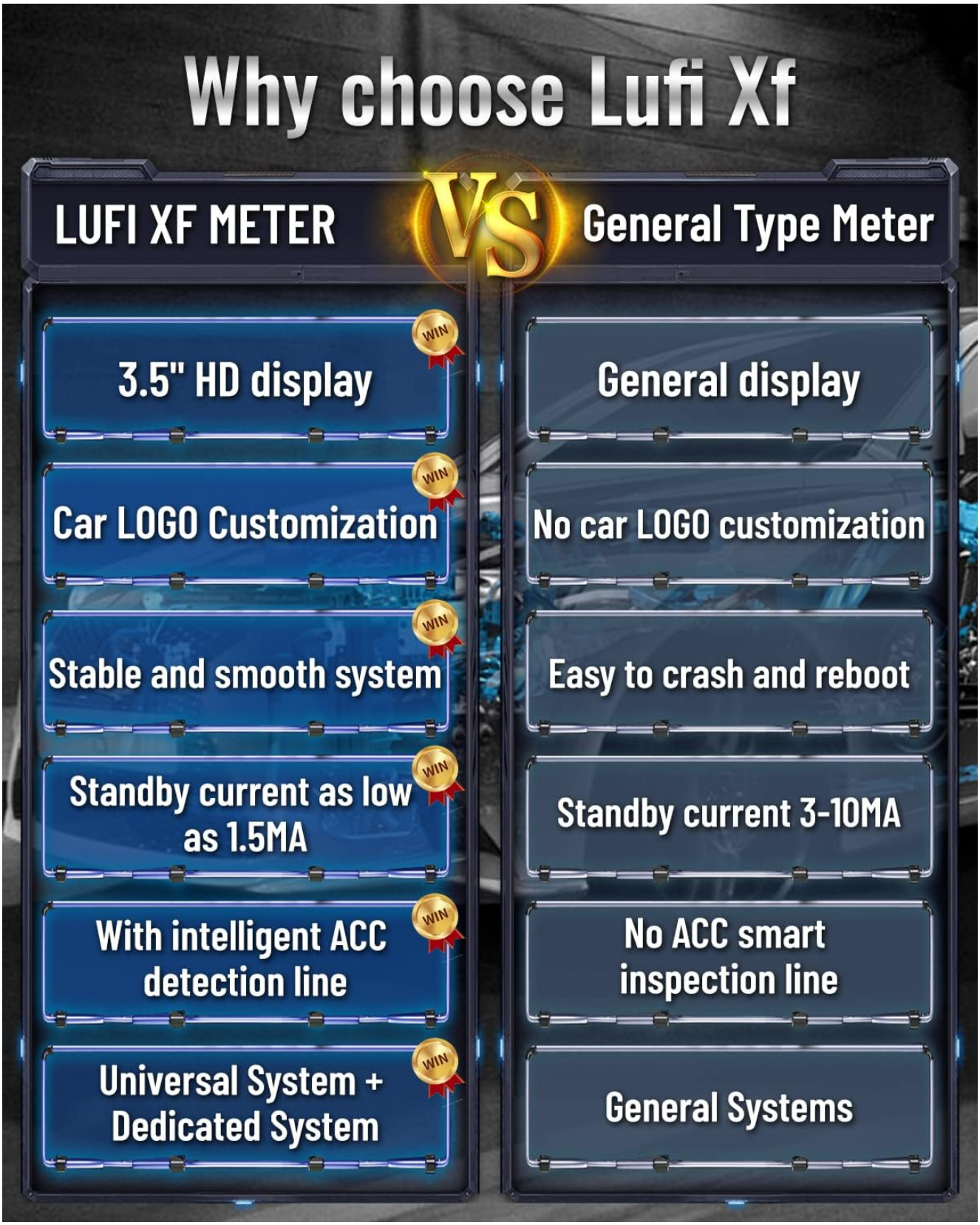


Image: The LUFICAR Xf display showing a high water temperature warning.

Performance Features

Utilize the built-in performance features such as the 'Time Attack' mode, which allows you to track your 0-60 mph sprint times and other acceleration metrics.

Diagnostic Functions

The Lufi-Xf meter can read and clear fault codes, providing valuable diagnostic information to identify and address

potential issues with your vehicle's engine control unit (ECU).

Maintenance

System Upgrade

The device supports free system upgrades to ensure you always have the latest features and improvements. Connect the device to a computer via USB for updates.



Image: The LUFICAR Xf device connected to a laptop for system upgrades.

Troubleshooting

If you encounter issues, consider the following:

- **Data Display Issues:** Ensure your vehicle's ECU supports the specific data you wish to display. Some data, like oil or transmission temperature, may require custom PID upgrades or might not be available on all models.
- **Compatibility Problems:** Verify your vehicle's manufacturing year and OBD2 protocol compatibility. The device is generally for OBD2 protocol after 2006 and has specific incompatibilities with older Ford, GM, Chrysler, and Chevrolet models.
- **Device Malfunctions:** If the device behaves erratically (e.g., incorrect readings, corrupted messages), try unplugging and re-plugging it into the OBD2 port.

Specifications

Attribute	Value
Brand	LUFICAR
Model Number	lufi-XS-1
Material	PVC
Item Dimensions (L x W x H)	4.25 x 2.83 x 3.62 inches
Item Weight	10.2 Ounces
UPC	779172409422
Manufacturer	LUFI-XF

Other Display Features	Wireless

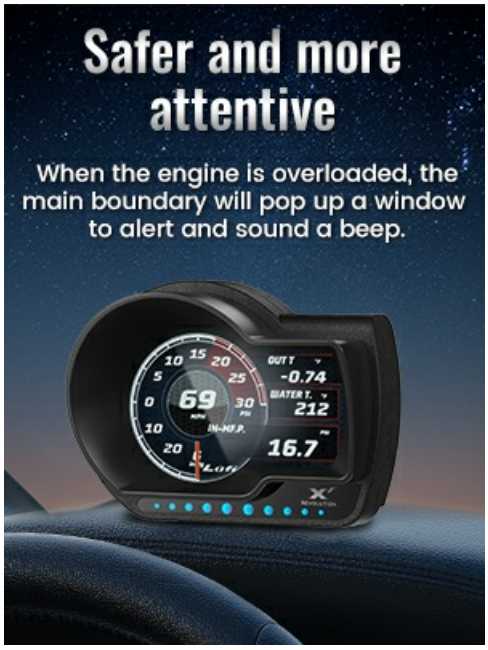


Image: Dimensions of the LUFICAR Xf device.

Warranty and Support

The LUFICAR Xf Multifunctional OBD2 Gauge Display comes with a 540-day warranty for U.S. customers, reflecting confidence in its products. Lufi is dedicated to providing intelligent, automotive OBD2 meter products, backed by professional engineers and high-tech solutions. For any inquiries or support, please refer to the contact information provided with your product.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

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