Honda Civic EK Full LCD Cluster

Complete Official User Manual

1. Product Overview

This full LCD digital gauge cluster is plug-and-play for Honda Civic EK.

No wire cutting, no modification, no computer programming required.

Fully compatible with the original car ECU data.

All functions shown in the official system screenshots are covered in this manual.

2. Full Core Features

- True plug & play for Honda EK
- Multi-language support (Total 16 languages)
- 6 changeable UI wallpaper styles
- Built-in G-Sensor for real-time G-force reading
- Switchable gear display for manual / automatic transmission
- Fully editable ODO mileage
- Complete trip and fuel consumption data logging system
- Full vehicle maintenance reminder system
- Customizable alarm threshold values
- Optional speed scale: 180 / 220 / 240 km/h
- Optional tachometer range: 8000 / 9000 / 10000 / 11000 RPM
- Celsius / Fahrenheit temperature unit switch
- Left / Right fuel filler icon setting
- Reverse beep sound ON / OFF
- Three exclusive passwords for advanced settings (Factory Setting / Protocol Upgrade page)
- 1-year official warranty with technical support

3. Supported Languages

1. Simplified Chinese
2. Traditional Chinese
3. English
4. Türkçe
5. 한국어
6. Deutsch
7. Français
8. Italiano
9. Español
10. 日本語
11. Português
12. Polski
13. ไทย
14. Русский
15. Čeština
16. Arabic

4. Main Dashboard Display Items

- Real-time speed
- Real-time RPM
- Coolant temperature
- Engine oil pressure
- Battery voltage
- Fuel level indicator
- Remaining driving range
- ECO driving indicator
- Low fuel pop-up warning
- High coolant temperature alarm
- Voltage abnormal alarm
- Oil pressure abnormal alarm

5. Trip / Fuel / Mileage System

5.1 Mileage Meters

- ODO: Total vehicle mileage (manually adjustable)
- Trip A: Independent short trip meter
- Trip B: Second independent trip meter

5.2 Statistical Modes

1. After Startup: Records mileage, driving time, average fuel consumption and average speed since engine start.
2. After Reset: Custom data group. Long press OK to reset all statistics.
3. After Refuelling: Automatically log data after refuelling.

6. Vehicle Maintenance Reminder System

Built-in service reminder scheduler:

- Engine oil & oil filter reminder
- Front brake service reminder
- Rear brake service reminder
- Brake fluid replacement reminder
- Full vehicle inspection reminder

Adjustable settings:

- Custom maintenance distance
- Manual reset after service completion

7. G-Sensor G-Force Function

- High precision built-in G-force sensor
- Real-time horizontal and vertical G-force display
- Long press OK button to enter G-force page
- Adjustable G-value parameters
- Suitable for street and track use

8. System Settings Menu

General Settings

- Daytime brightness adjustment
- Night brightness adjustment
- Speed warning threshold setting
- RPM shift warning threshold setting
- ECO mode ON / OFF

System Options

- 6 UI wallpaper style selection
- Date & time configuration
- System language switching
- Factory Settings entry (Password: 0168 / 0169)
- Protocol Upgrade Page entry (Password: 0181)

9. Factory Advanced Settings (Password: 0168, 0169)

Password 1: 0168

Function: Manual ODO mileage input, custom logo for wallpaper interface (not boot screen)

Password 2: 0169

Function: Switch speed scale and tachometer RPM range

9.1 Speed & Tachometer Range (Password: 0169)

- Speed scale: 180 / 220 / 240 km/h
- Tachometer range: 8000 / 9000 / 10000 / 11000 RPM

9.2 ODO & Wallpaper 13 Logo Setting (Password: 0168)

- Manual total mileage editing
- Custom logo shown on wallpaper UI

9.3 Vehicle Custom Parameters

- Fuel filler icon: Left / Right

9.4 Sound & Display

- Reverse beep sound: ON / OFF

9.5 Alarm Threshold Settings

- Low fuel alarm level
- High / low voltage alarm value
- Coolant temperature alarm threshold
- Oil pressure alarm threshold

9.6 Other Advanced Options

- Main / auxiliary fuel tank capacity setting
- Vehicle model selection
- Engine oil pressure monitor toggle
- Intelligent idle mode
- Outside temperature display ON / OFF

9.7 System Tools

- Firmware version information
- Factory reset option

10. Protocol Upgrade Page (Password: 0181)

Password 3: 0181

This password works on the Protocol Upgrade page, NOT inside Factory Settings.

Function: Turn ON / OFF automatic gear indicator (P/R/N/D/L).

- For automatic transmission cars: Enable P/R/N/D/L gear display
- For manual transmission swapped cars: Disable gear display to hide P/R/N/D/L

Important warning: This page also contains firmware protocol upgrade. Do **NOT** run upgrade without guidance. Power loss during upgrade can damage the cluster.

11. Transmission Support

- Automatic transmission: P/R/N/D/L gear indicator available (enable via password 0181 on Protocol page)

- Manual transmission: Gear indicator hidden (disable via password 0181 on Protocol page)

12. Pop-Up Warning Messages

- Fuel level alarm, please refuel

- Oil pressure alarm

- Coolant temperature too high

- Battery voltage abnormal

- Check engine reminder

- Setting saved

- Reset complete

- Wrong password

- Password correct

- Upgrading, do not power off!

- Upgrade success / Upgrade failed

13. Installation Instructions

1. Remove the original EK gauge cluster

2. Plug the new LCD cluster directly into the original factory harness

3. No wire cutting required

4. No extra programming needed

5. The cluster will sync ECU data automatically once powered on

14. Warranty

- 1 Year Official Warranty

- Online technical support included