

ASURE 13.1inch 2-Din

ASURE 13.1-inch 2K HD Car Stereo GPS Navigation Unit

MODEL: 13.1INCH 2-DIN

For Ford Transit Custom (2017-2022)

1. Safety Information

Read all instructions carefully before installation and operation. Improper installation can lead to vehicle damage or personal injury. Ensure the vehicle's power is disconnected before beginning installation. Professional installation is recommended.

- Do not operate the unit in a manner that distracts you from driving.
- Ensure all wiring is properly insulated to prevent short circuits.
- This unit does not support the factory backup camera. An aftermarket backup camera is included and recommended for safe reversing.

2. Product Overview

The ASURE 13.1-inch Car Stereo GPS Navigation Unit is designed to enhance your driving experience with advanced features and a high-resolution display.

Key Features:

- **13.1-inch 2K HD Touchscreen:** Vibrant 1920x1280 resolution with ultra-responsive capacitive touch.
- **Wireless CarPlay & Android Auto:** Seamless phone integration for navigation, calls, and music.
- **High Performance:** Powered by an 8-core CPU with 4GB RAM and 64GB ROM for fast boot-up and smooth operation.
- **DSP Sound Engine:** Built-in Digital Signal Processor for customizable audio with rich bass and crisp highs.
- **Integrated GPS Navigation:** Supports worldwide maps.
- **Connectivity:** Bluetooth 5.0, USB, Dual-band Wi-Fi (2.4GHz & 5GHz).

- **Backup Camera Support:** Includes an HD backup camera for clear reverse vision.



Image: Overview of the ASURE 13.1-inch car stereo highlighting its main features like 2K HD screen, CarPlay, Android Auto, 8-core CPU, and HD reversing camera.

3. Package Contents

Verify that all items are present in the package:

- 1x 13.1 inch Car In-Dash Head Unit Host
- 1x Installation Panel
- 1x Wiring Harness Adapter Kit
- 1x Can-Bus Box
- 1x GPS Antenna
- 1x Wi-Fi/BT Antenna
- 1x Microphone
- 2x USB Cables
- 1x Audio Video Input/Output Cables
- 1x HD Reversing Camera
- 1x User Manual
- Mounting Screws and Tools

Accessories



1 x 2K Screen



Frame



Power Harness



Radio Cable



1 x Can bus



Adaptor of OEM USB



GPS Cable



2 x USB Cable



1 x Microphone



1 x Wifi/BT antenna
Reversing Camera Input



Screen base



Audio Video Anschluss



Reversing Camera



User Manual



Screwdriver



4G LTE Antenna

Image: A comprehensive layout of all components and accessories included in the ASURE 13.1-inch car stereo package, such as the head unit, various cables, antennas, and the backup camera.

4. Installation

This unit is designed for a plug-and-play installation for Ford Transit Custom models (2017-2022) without MyFord Touch. Professional installation is recommended if you are unfamiliar with car audio systems.

4.1 Pre-Installation Check:
















- Ensure the vehicle's ignition is off and the battery is disconnected.
- Confirm all package contents are present.
- Note: The factory plug is located behind the OEM screen. If your factory radio is a 1-Din type, contact support for suitable models.
- This stereo does not support the factory backup camera. Use the included HD reversing camera.

4.2 Mounting the Head Unit:

1. Attach the screen base to the head unit. You can choose from three installation positions (top, middle, bottom) to adjust the screen height.
2. Secure the screen and adapter frame together using the provided four screws.
3. If your dedicated frame is 10.1", first install the screen base, then install the 9" to 10.1" frame adapter, and finally, install your 10.1" dedicated adapter frame.

Adjustable Screen and Package List

The 2K screen comes with an adjustable base bezel.
There are 3 installation positions of the base bezel for your selection.

						
1 x 2K Screen	1 x Frame	Adaptor of OEM USB	1 x Power plug	Screen base		
						
1 x Radio Cable	1 x CAN BUS	1 x Audio Video Ports	1 x Wifi/BT antenna Reversing Camera Input	1 x GPS Cable	2 x USB Cable	1 x Microphone
						
1 x 4G LTE Antenna	Screwdriver and User Manual	HD Camera				





Image: Detailed diagram illustrating the assembly of the ASURE 13.1-inch head unit with its frame, showing adjustable screen positions and how to secure it with screws.

4.3 Wiring Connections:

- Connect the main wiring harness to the vehicle's factory radio plug.
 - Connect the CAN-BUS box (if applicable for your vehicle's features like steering wheel controls).
 - Connect the GPS antenna, Wi-Fi/BT antenna, and microphone.
 - Connect the included HD reversing camera. Refer to the wiring diagram for the rear view camera:
1. Black power plug to the red socket.
 2. To the Negative (-) of your car's Reversing Lamp Power.
 3. The two Red wires, to the Positive (+) of your car's Reversing Lamp Power.
 4. The RCA female to the RCA male.
 5. The RCA male to the RCA female.
 6. To your head unit's "REVERSE" wire of reversing camera input trigger. NOTE: no need to connect this wire if your radio comes with CAN-BUS box/decoder.
 7. To your radio's rear 10-Pin socket.

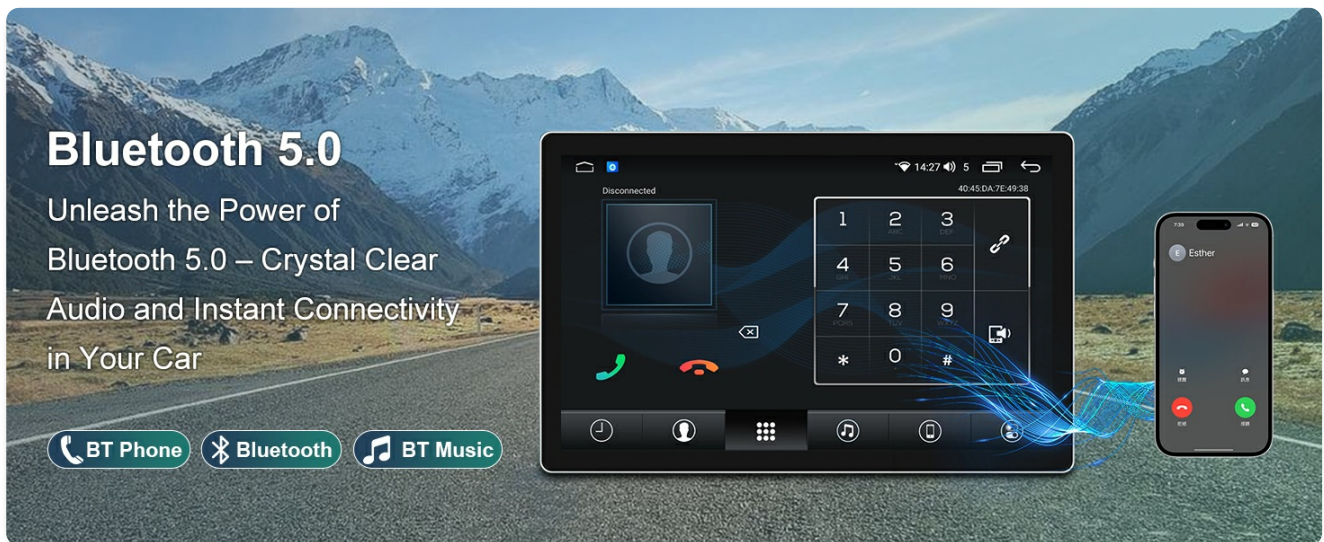


Image: Detailed wiring diagram for connecting the HD backup camera, showing connections to power, reverse lamp, and the head unit.

4.4 CAN-BUS Setup:

After powering up the radio, you need to set CAN-BUS correctly to get your steering wheel controls to work. The procedure is as follows:

1. Click "Settings" in the main menu.
2. Go to "Factory" and input password **3368**.
3. Click "Car Model".
4. Select "XP->Ford->Mondeo->XP" for Ford Transit Custom models.
5. If there is an OEM amplifier in your car, choose the appropriate option.

Wrong or missing CAN-BUS setups can lead to non-functional steering wheel controls. Ensure the CAN-BUS box is connected to the rear power plug beforehand.

Video: A demonstration of the 13.1-inch radio's function and settings, including how to navigate menus and adjust various parameters. This video is useful for understanding the user interface and initial setup.

5. Initial Setup and Configuration

5.1 Connecting to Wi-Fi:

To access online features like app downloads and streaming, connect your unit to a Wi-Fi network (e.g., mobile hotspot).

1. Go to "Settings" > "WLAN".
2. Turn on Wi-Fi and select your desired network.
3. Enter the password and connect.



Image: Screenshot of the Wi-Fi settings interface, showing available networks and options to connect, enabling internet access for the head unit.

5.2 Bluetooth Pairing:

Pair your smartphone via Bluetooth for hands-free calling and audio streaming.

1. Go to the Bluetooth app on the head unit.
2. Enable Bluetooth on your smartphone and search for available devices.
3. Select the head unit (e.g., "Silverado" as renamed in one video) and enter the PIN (default is usually 0000 or 1234).
4. Confirm pairing on both devices.

Video: Demonstration of Bluetooth pairing with a smartphone, showing the device name, PIN entry, and successful connection for hands-free communication and audio streaming.

5.3 Date and Time Settings:

To ensure accurate time display:

1. Go to "Settings" > "System" > "Date & Time".
2. Manually set the date and time if not automatically updated via network.

6. Operating Instructions

6.1 Home Screen and Apps:

The home screen provides quick access to frequently used functions. Swipe to access additional apps. You can customize the home screen with widgets and app shortcuts.

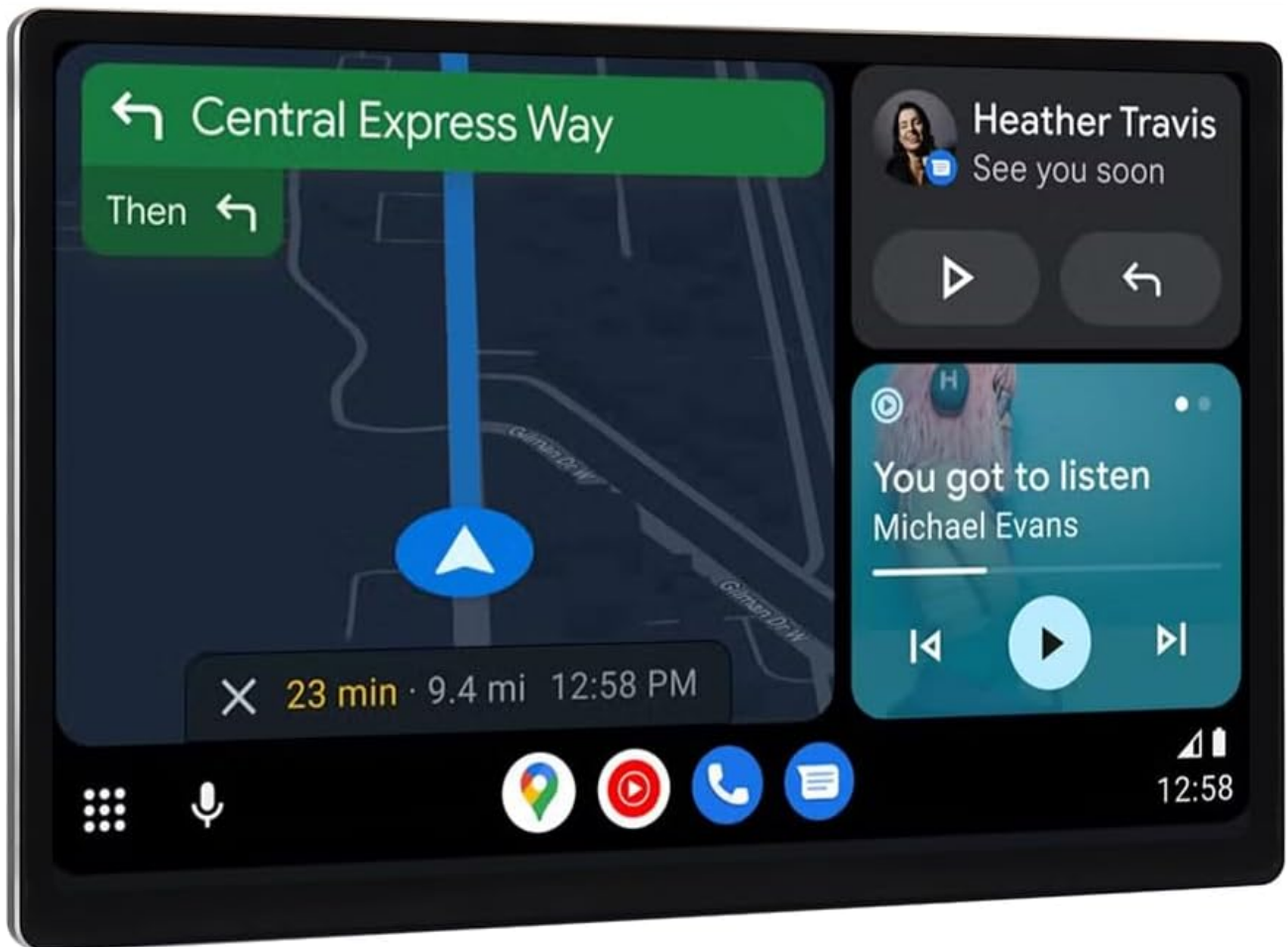


Image: The home screen of the ASURE 13.1-inch car stereo, displaying various application icons and widgets for quick access to navigation, music, and other functions.

6.2 Wireless CarPlay & Android Auto:

Connect your smartphone wirelessly for an integrated experience.

1. Ensure Bluetooth is paired and Wi-Fi is enabled on both devices.
2. Open the CarPlay or Android Auto app on the head unit.
3. Follow on-screen prompts to connect your phone.



Working with Wireless

CarPlay



Working with Wireless

android auto

Seamless Smartphone Integration

Connect Your Phone, Transform Your Drive. Access your favorite apps, navigation, and music through your car's display—smarter, safer, and effortlessly intuitive

Image: The ASURE 13.1-inch car stereo screen showing the Wireless CarPlay interface, with navigation, music, and phone apps accessible.

6.3 Radio Broadcasting:

Access FM/AM radio stations.

1. Tap the "Radio" icon on the home screen.
2. Use the on-screen controls to scan for stations or manually input frequencies.

Video: A demonstration of the radio broadcasting function, showing how to tune into different frequencies and save favorite stations.

6.4 Music and Video Playback:

Play music and videos from various sources.

- **Music:** Use the "Music" app to play audio files from internal storage, USB, or streaming services via connected smartphone.
- **Video:** Use the "Video" app to play video files from internal storage or USB. Supports Ultra HD video playback.

Up front, parents navigate with ease—behind, little ones laugh through films. Video output turns family rides into two happy stories, all in one car.



Image: The ASURE 13.1-inch car stereo screen showing music playback with album art and various sound adjustment options, including DSP settings.

6.5 Bluetooth Car Phone:

Make and receive calls directly from the head unit after pairing your phone.

1. Tap the "Phone" icon.
2. Use the dial pad or access your phone's contacts (after syncing) to make calls.

6.6 DSP Sound Engine / Equalizer:

Customize your audio experience.

1. Tap the "EQ" icon.
2. Adjust the equalizer settings (bass, treble, etc.) or select from preset sound modes.
3. Utilize the DSP (Digital Signal Processor) for advanced sound tuning.

6.7 A/C Control Menu:

If supported by your vehicle's CAN-BUS system, you can control the A/C directly from the head unit's screen.

1. Access the A/C control menu (usually an icon on the home screen or a dedicated button).
2. Adjust temperature, fan speed, and other climate settings.

6.8 Backup Camera:

The included HD backup camera provides clear rear vision when reversing.

- The display automatically switches to the camera view when the vehicle is in reverse gear.
- Features include clear night vision, waterproof protection, and a 170° viewing angle.

HD Backup Camera

Total Vision, Total Confidence. Navigate reverse with absolute clarity, day or night

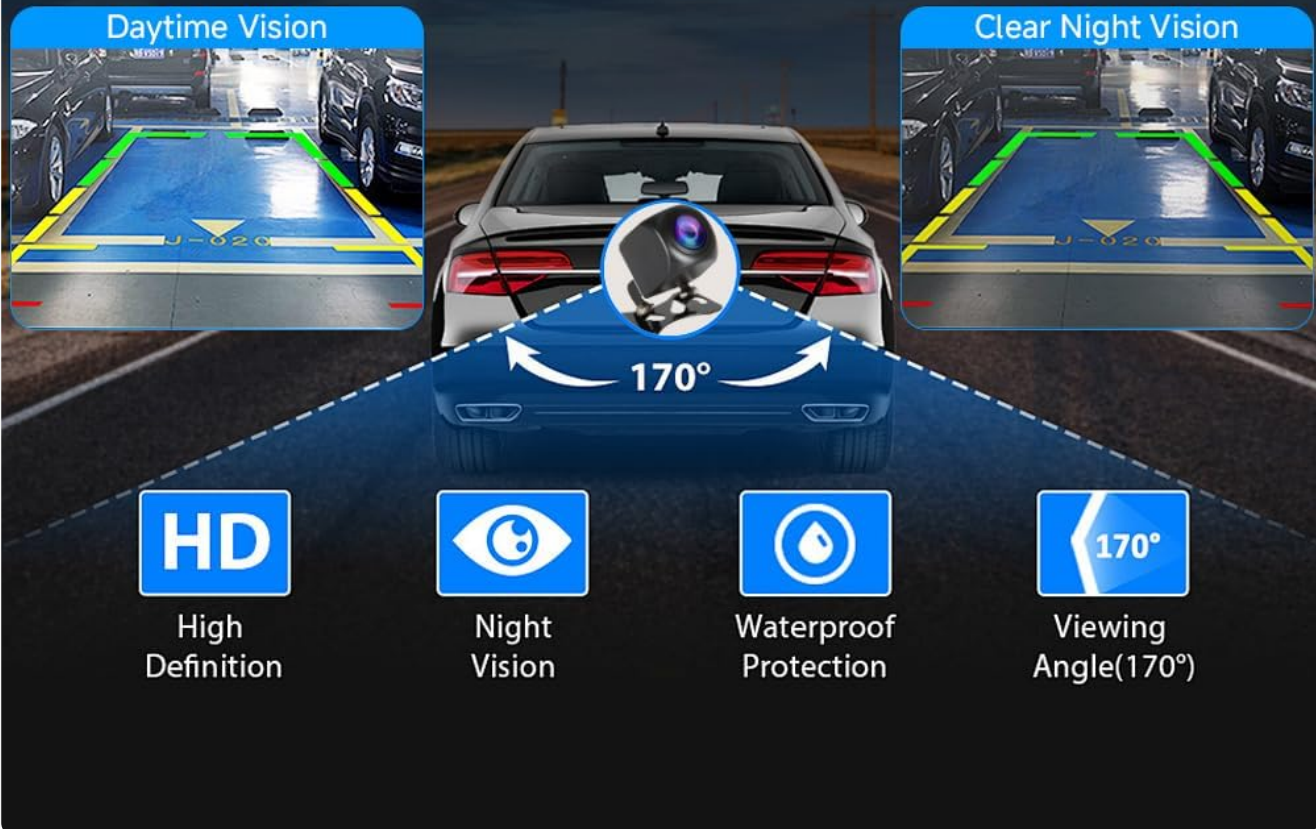


Image: The ASURE 13.1-inch car stereo screen showing a clear backup camera view with dynamic parking lines, indicating high definition and wide-angle capabilities.

6.9 Dual Wi-Fi Band Connecting:

The unit supports both 2.4GHz and 5GHz Wi-Fi bands for seamless streaming and browsing.

- Connect to the appropriate Wi-Fi band based on your network's capabilities for optimal performance.

6.10 Steering Wheel Control (SWC):

Program and customize your original car steering wheel control buttons for convenient operation.

1. Ensure the CAN-BUS box is correctly configured (refer to Section 4.4).
2. Go to "Settings" > "SWC" (Steering Wheel Control) to program the buttons.

7. Maintenance

- Clean the screen with a soft, lint-free cloth. Do not use abrasive cleaners.
- Keep the unit free from dust and moisture.
- Regularly check wiring connections for security.

8. Troubleshooting

8.1 Screen Not Waking Up / Black Screen on Startup:

If the screen remains black on startup and only wakes up when touched, you may need to adjust the "Stay Awake" setting.

1. Go to "Settings" > "System" > "Developer Options".
2. Enter the password **3368**.
3. Toggle "Stay Awake" (Screen will never sleep while charging) to ON.

8.2 Incorrect Clock / Date and Time:

If the date and time are incorrect:

1. Go to "Settings" > "System" > "Date & Time".
2. Manually reset the date and time or ensure "Use network-provided time" is enabled and connected to Wi-Fi.

8.3 Custom Boot Logo:

To set a custom boot logo:

1. The image resolution must be 1920x1200 pixels.
2. The image format must be in BMP.
3. The USB drive folder containing the image must be named "mycar".
4. Insert the USB drive into the head unit.
5. Go to "Settings" > "Factory" (password 3368) > "Boot Screen Logo".
6. Select your desired image from the USB drive and press and hold to set it as the boot logo.

8.4 Changing Home Launcher Theme:

If you wish to change the default home screen theme:

1. Go to "Settings" > "Factory" (password 3368).
2. Find "Home Launcher Selection".
3. Select a different UI (e.g., UI28 is a common default). Note that some themes may not be fully customizable.

9. Specifications

Feature	Detail
Item Weight	5.94 pounds
Product Dimensions	9.4 x 5.7 x 1.6 inches

Display Size	13.1 Inches
Display Resolution	1920x1280 (2K HD)
Operating System	Android 15
CPU	8-core
RAM	4GB
ROM	64GB
Connectivity Technology	Bluetooth 5.0, USB, Dual-band Wi-Fi (2.4GHz & 5GHz)
Special Features	Bluetooth, Touchscreen, Wireless Apple CarPlay, Wireless Android Auto, GPS Navigation, DSP Sound Engine
Map Type	Worldwide
Mounting Type	Dashboard Mount
Vehicle Service Type	Car (Ford Transit Custom 2017-2022)

10. Warranty and Support

Your ASURE 13.1-inch Car Stereo comes with the following warranty:

- **30 Days:** Free return and replacement.
- **1 Year:** Repair service.

For technical support or warranty claims, please contact ASURE customer service through your retailer or the official ASURE website.