

Dongar 1

Dongar Dashcam Power Adapter Instruction Manual

Model: 16-pin Type A

INTRODUCTION

The Dongar Dashcam Power Adapter (16-pin Type A) provides a seamless and integrated power solution for your dashcam and other USB-powered devices in compatible Ford vehicles. This adapter is designed for a true plug-and-play installation, connecting directly to your rearview mirror's power source without requiring permanent vehicle modifications or visible wiring.

Dongar's journey began from a need for a clean dashcam installation. Our founder, Kevin, sought to avoid messy cables and cumbersome installation processes after a vehicle incident. This led to the creation of a small, easy-to-install adapter that powers dashcams directly from the rearview mirror, thus founding Dongar Technologies.



Image: The Dongar Dashcam Power Adapter with its wiring harness, designed for a clean installation.

WHAT'S INCLUDED

The Dongar Technologies kit includes the following components:

- One (1) Dongar Dashcam Power Adapter
- One (1) Wiring Harness
- One (1) Shorty USB-C Cable (for USB-C powered devices)
- One (1) Comprehensive Instruction Manual (this document)



Quick & Easy
Installation



Compatible With All
USB Dash Cams



No Hanging Wires

Image: The short USB-C cable provided for a clean dashcam installation.

COMPATIBILITY

This Dongar Dashcam Power Adapter is specifically designed for Ford vehicles with 16-pin Type A rearview mirror connectors. It requires an auto-dimming or powered rearview mirror (e.g., a mirror with garage buttons) to function.

Compatible Dash Cams & Accessories:

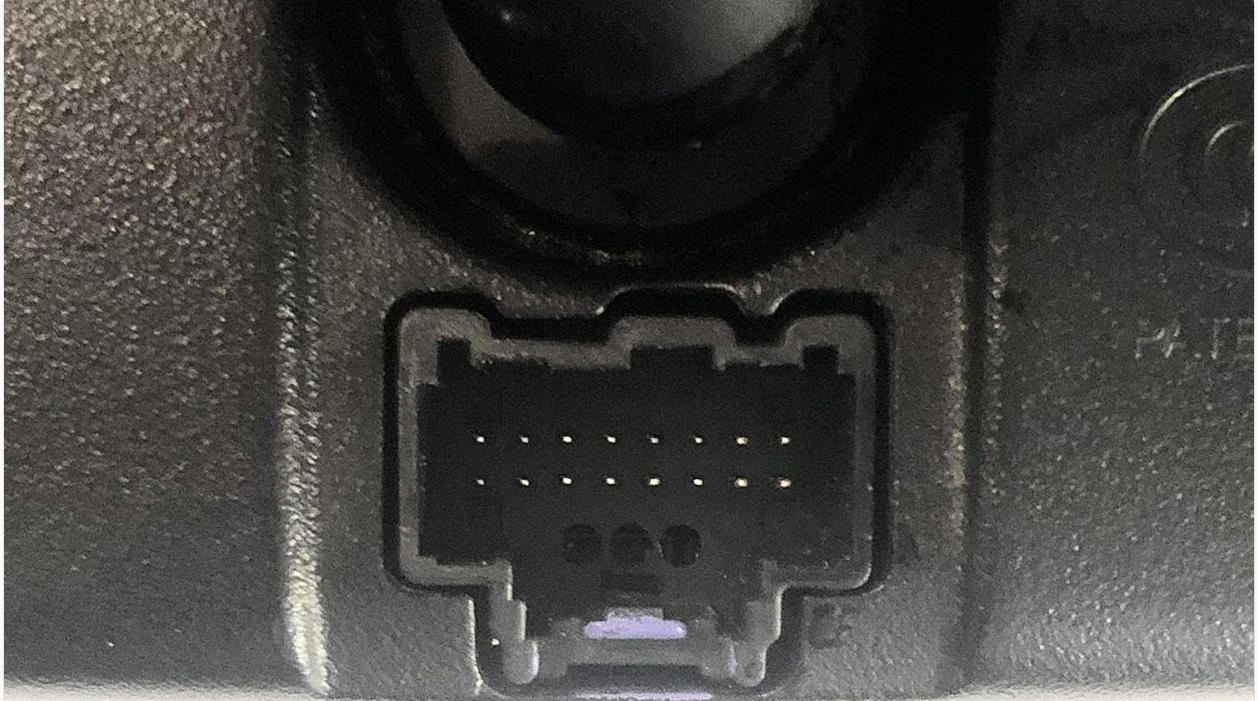
- Compatible with 70Mai and other USB-powered dash cams including: Garmin Mini 2, Garmin Mini 3, Garmin X110, Garmin Live, Garmin 47, Garmin 57, Garmin 67W, Vantrue N2 Pro, Vantrue N5, Fitcam, Viofo, and all other USB-powered dash cams.
- Also compatible with other USB-powered devices such as radar detectors and GPS.
- Can be used with devices requiring a barrel jack or RJ11 connector by utilizing Dongar's USB-C to DC or USB-C to RJ11 converter cables (sold separately).

Compatibility Limitations:

- Not compatible with devices requiring 12V or those powered by a barrel jack or RJ11 connector directly (without a converter cable).
- Not compatible with digital mirrors or mirrors with built-in backup cameras.

Compatible Vehicles (Examples):

Please verify compatibility before ordering. If unsure, contact Dongar support.



Compatible 16-pin port for Ford Autodimming Mirrors

Image: The 16-pin port found on compatible Ford auto-dimming mirrors.

COMPATIBILITY GUIDE

You can verify if you have a compatible vehicle in just a few easy steps:



First, ensure that you have an autodimming mirror. ***This is required to use our products.*** An autodimming mirror typically has buttons on it, like power or a programmable garage door transmitter.



Review our compatibility chart below to see if your car is listed. Please note that this is a starting guide and vehicles not listed may still be compatible.



If your vehicle is not listed, you can access the mirror connector where the original wiring connector plugs in to compare your connector to the product photos to see if the amount and layout of pins matches the adapter.

PLEASE NOTE THAT YOUR COMPATIBILITY CAN BE AFFECTED BY MULTIPLE FACTORS BEYOND JUST YOUR MAKE AND MODEL, INCLUDING TRIM LEVEL, OPTION PACKAGES, AND MORE.

Image: Detailed compatibility chart for various Ford models, trims, and years.

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SETUP AND INSTALLATION

The Dongar Dashcam Power Adapter offers a fast and easy installation process with no permanent vehicle modification. Follow these steps for a clean, hidden dashcam setup:

1. **Locate the Rearview Mirror Connector:** Identify the existing wiring harness connected to the back of your rearview mirror.
2. **Disconnect the Original Harness:** Carefully unplug the original wiring harness from the rearview mirror.
3. **Connect Dongar Adapter:** Plug the vehicle's original wiring harness into the female end of the Dongar adapter.
4. **Connect Adapter to Mirror:** Plug the male end of the Dongar adapter into the rearview mirror's port.
5. **Mount the Adapter:** Use the included adhesive tape to secure the adapter.

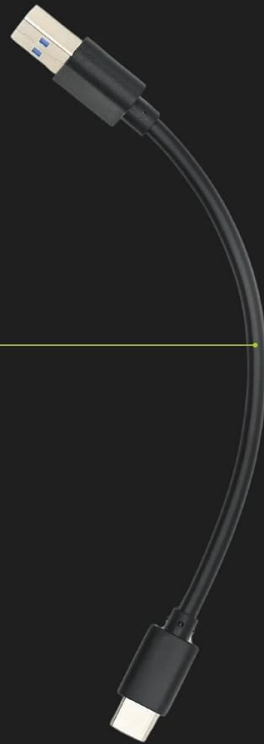
Step 1: Each adapter comes with adhesive tape for mounting.

Step 2: Remove the backing from the adhesive tape.

Step 3: Place the adapter in the desired position (on the windshield or the back of your rearview mirror) and press firmly.

6. **Connect Dashcam:** Plug your USB-powered dashcam or other compatible device into the USB port on the Dongar adapter using the provided shorty USB-C cable or your device's cable.

USB-C



***SHORT USB-C CABLE INCLUDED
FOR CLEAN INSTALLATION***

Image: Visual guide for mounting the adapter with adhesive tape.



Image: Demonstrates the quick and easy installation process, resulting in no hanging wires.

OPERATING INSTRUCTIONS

The Dongar Dashcam Power Adapter provides ignition-activated power. This means the adapter will supply power to your connected dashcam or other USB-powered device only when your vehicle's ignition is ON. It is not designed for parking mode or other constant power applications.

This design ensures that your vehicle's battery is not drained when the ignition is off, providing a safe and convenient power source for your devices while driving.

MAINTENANCE

The Dongar Dashcam Power Adapter is designed for durability and requires minimal maintenance. Keep the adapter and its connections clean and free from dust or debris. Ensure all connections remain secure. Avoid

exposing the adapter to extreme temperatures or moisture beyond typical in-car conditions.

TROUBLESHOOTING

If you encounter issues with your Dongar Dashcam Power Adapter, consider the following:

- **No Power to Device:**
 - Ensure your vehicle's ignition is ON. The adapter only provides power when the vehicle is running.
 - Verify all connections are secure between the mirror, the Dongar adapter, and your device.
 - Confirm your rearview mirror is auto-dimming or powered, as this is a requirement for the adapter to function.
 - Test your dashcam or device with another power source to rule out a device malfunction.
- **Intermittent Power:**
 - Check for loose connections.
 - Ensure the adapter is securely mounted and not subject to excessive movement.
- **Compatibility Concerns:**
 - Double-check your vehicle's specific model, trim, and year against the compatibility chart.
 - Verify your rearview mirror has the correct 16-pin Type A connector.
 - If your vehicle is not listed or you are still unsure, contact Dongar support for assistance.

For further assistance, please refer to the Support section.

SPECIFICATIONS

Feature	Detail
Brand	Dongar
Model Number	1
Item Weight	2.08 ounces
Package Dimensions	5.87 x 3.31 x 1.34 inches
Input	DC 12-24V / 2A Max
Max Output Power	18W
Output	5V 3A, 9V 2A, 12V 1.5A Max
Connector Type	USB Type A
Color	Black
Compatible Devices	Ford vehicles with 16-pin Type A rearview mirror connectors

WARRANTY AND SUPPORT

For information regarding product warranty, returns, or technical support, please visit the official Dongar Technologies store or contact their customer service directly.

Official Dongar Store: [Dongar Technologies Amazon Store](#)

Please retain your proof of purchase for any warranty claims.