



Output Generator

Fits Select Ford Models 2020-2024

Visit AxxessInterfaces.com for more detailed information about the product and up-to-date vehicle specific applications

INTERFACE FEATURES

- Provides popular trigger outputs for adding up to eight aftermarket accessories (refer to next page for outputs)
- Outputs configurable via Axxess Updater Program for Windows®
- All outputs rated at 250mA
- Simple plug-n-play installation

INTERFACE COMPONENTS

- AXOG-FD1 Interface
- LD-FDCAN GEN1 Harness

APPLICATIONS

Ford

Bronco.....	2021-2022	Explorer	2020-2022	Maverick	2022-2024
Bronco Sport	2021-2022	F-150.....	2021-2022	Mustang	2024
Escape	2020-2022	Lightning	2022-2024	Mustang Mach E.....	2021-2022

TABLE OF CONTENTS

Introduction	2
AXXESS Updater	2
AXOG Configuration.....	3
Connection Locations	
Steering Column Control Module.....	4
Connections: LD-FDCAN1 Harness.....	5
Detailed Instructions	6-7

TOOLS & INSTALLATION ACCESSORIES REQUIRED

- Crimping tool and connectors, or solder gun, solder, and heat shrink
 - Tape
- Wire cutter
 - Zip ties
- Micro-B USB cable* (Axxess part # AXUSB-MCBL)

* This or a suitable alternative is needed to program the device.

ATTENTION: With the key out of the ignition, disconnect the negative battery terminal before installing this product. Ensure that all installation connections, especially the air bag indicator lights, are plugged in before reconnecting the battery or cycling the ignition to test this product.

NOTE: Refer also to the instructions included with the aftermarket accessory before installing this device.

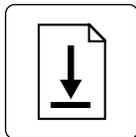
INTRODUCTION

The **AXOG-FD1** allows you to add up to eight accessory outputs to power your radar detector, aftermarket backup camera, or other devices with this output generator.

- Accessory
- Reverse
- Parking brake
- High beam
- Left turn signal
- Right turn signal
- Illumination
- Vehicle speed

This product is designed to fit 2020-2024 Ford vehicles and is easy to install with plug-n-play wiring. Outputs can be remotely configured using the free downloadable [Axxess Updater](#) mobile app for smartphones and tablets.

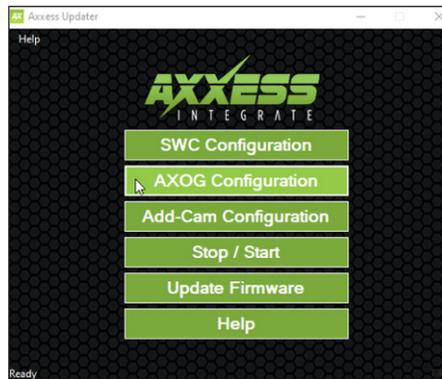
DOWNLOAD AXCESS UPDATER



Download and install the **Axxess Updater** software program for Windows® from:

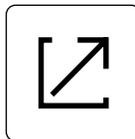
axcessinterfaces.com/resources/updater-software

(Figure A)



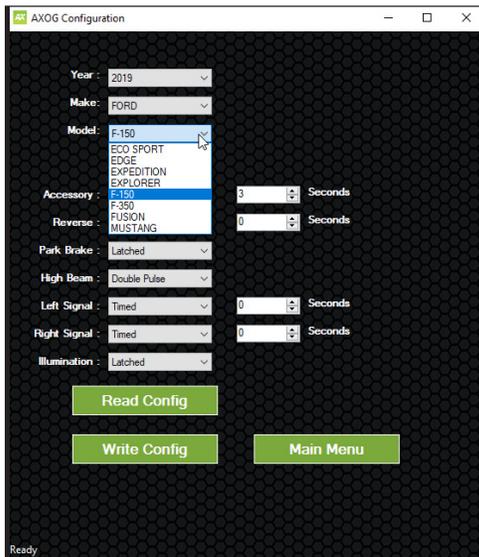
(Figure A) Main Screen

1.

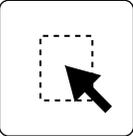


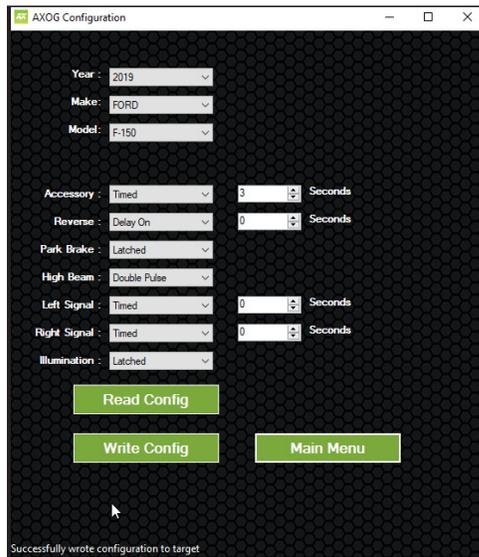
Open the **Axxess Updater** software program and wait until the word **Ready** is shown in the bottom left of the screen. Select **AXOG Configuration**. (Figure A)

AXOG CONFIGURATION



(Figure B)

2.  On the next screen that opens, select the year, make, and model of the vehicle, then configure your outputs being used. Connect the micro-B USB cable (sold separately) to the computer and AXOG-FD1 interface, then press **“Write Config”** (Figure B)



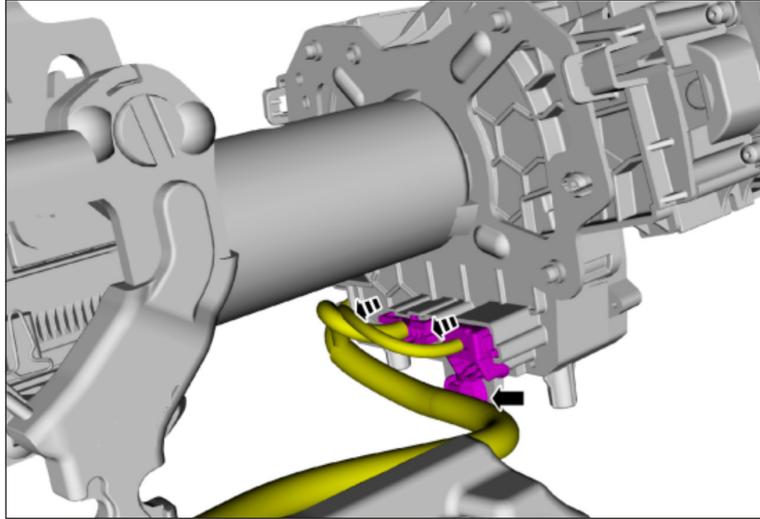
(Figure C)

3.  Once chosen outputs have been programmed you will get confirmation on the bottom left saying **“Successfully wrote configuration to target.”** (Figure C)

CONNECTION LOCATIONS

These vehicle's **Steering Column Control Module** (refer to vehicle's applicable harness used).

Steering Column Control Module Connections



APPLICATIONS

Ford

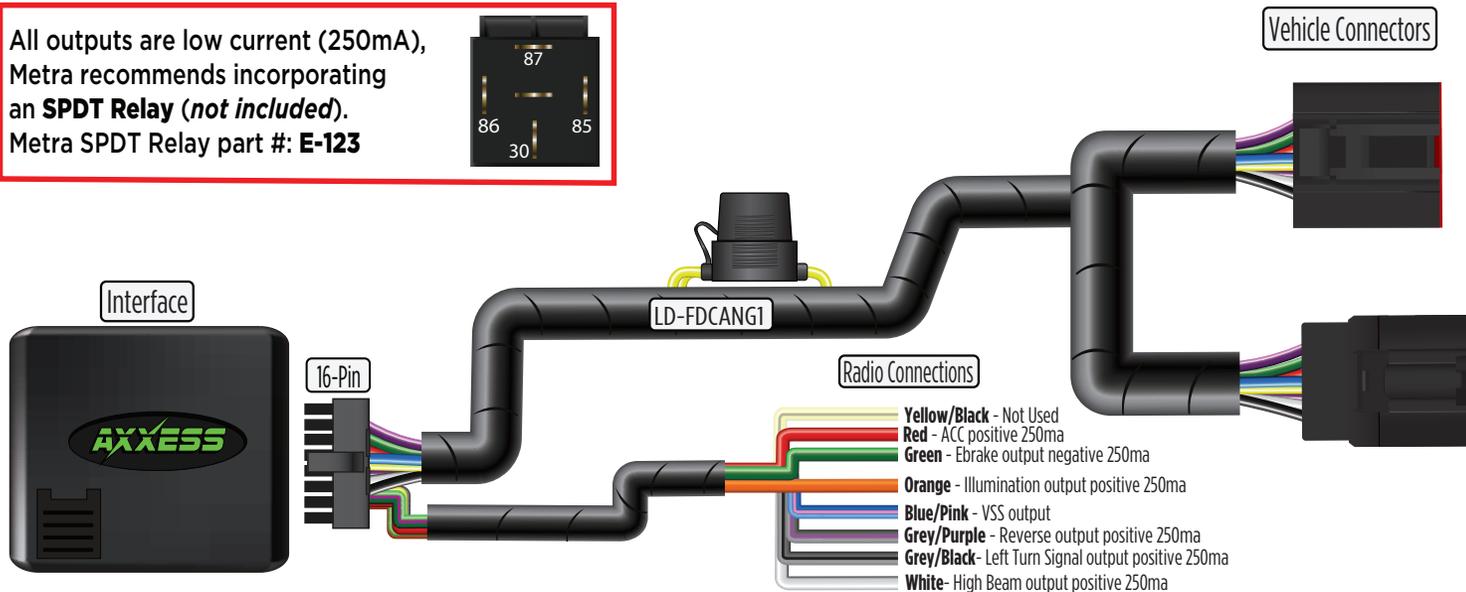
Bronco..... 2021-2022
Bronco Sport..... 2021-2022
Escape..... 2020-2022

Explorer..... 2020-2022
F-150..... 2021-2022
Lightning..... 2022-2024

Maverick..... 2022-2024
Mustang..... 2024
Mustang Mach E..... 2021-2022

CONNECTIONS:LD-FDCANG1 HARNESS

All outputs are low current (250mA),
Metra recommends incorporating
an **SPDT Relay** (*not included*).
Metra SPDT Relay part #: **E-123**



DETAILED PROGRAM INSTRUCTIONS: AXCESS UPDATER

Download and install the **Axcess Updater** software program for Windows® from: axcessinterfaces.com/resources/updater-software

AXOG Configuration

1. After selecting “**AXOG CONFIGURATION**” (Figure A) the main portion of the screen will show a description of the mode, as well as descriptions of each of the settings to configure. (Figure B)
2. Select year, make and model of the vehicle being worked on. Adjust the settings with the number selectors on the right side of the screen. (Figure C)

3. Configure the outputs that are being used:

Timed: When the selected output is triggered, the output will turn on and stay on for the programmed time (0-1000 seconds).

Latched-ignition: When the selected output is triggered, the output will turn on and stays on continuously until the ignition is cycled.

Latched-CAN: When the selected output is triggered, the output will turn on and stays on continuously until the output is triggered to OFF.

Delay On: When the selected output is triggered, the output will turn on after the designated time has expired. (0-1000* seconds)

* Reverse has a max timer of 120 seconds

Delay Off: When the Delay Off output is selected, the output will remain on for the programmed duration time (0-1000* seconds).

Double pulse:** When the high beam is toggled twice within 3 seconds, the output will turn on and stay on continuously until the high beam is toggled 2 more times.

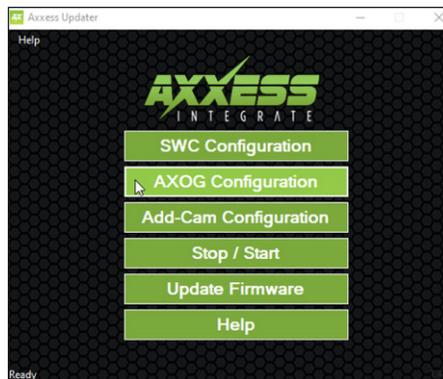
4. Read Config: Reads the current configuration from the AXOG.

5. Write Config: Writes the current configuration to the AXOG.

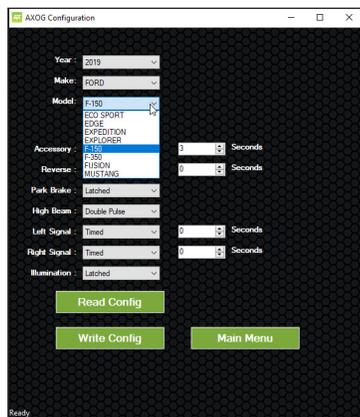
6. Main Menu: Returns to the main menu

Below is a list of programmable outputs that can be set.

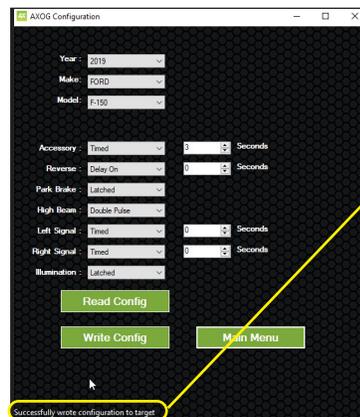
Accessory	Reverse	Right Signal
Park Brake	**High Beam	Left Signal
Illumination		



(Figure A)



(Figure B)



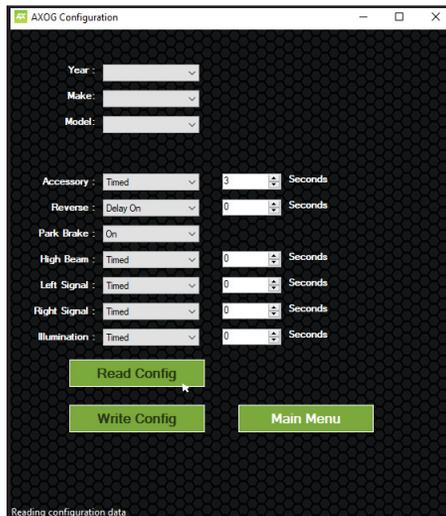
(Figure C)

Once the chosen outputs have been programmed, hit the “**Write Config**” Tab. Wait for confirmation of items written to target (Figure C) this will pop up. “**Successfully wrote configuration to target.**”

Reading Configuration on Board

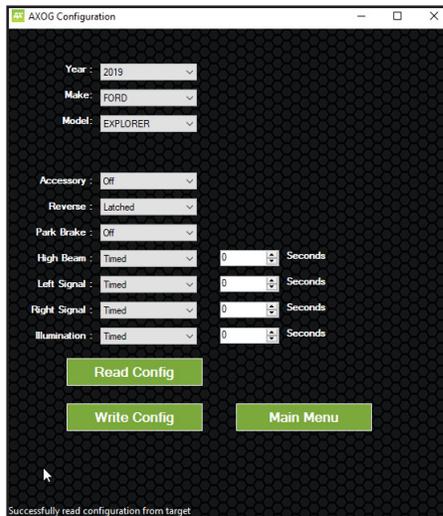
Go into the **AXOG CONFIGURATION** and hit enter

Enter **“Read Config”** and connect micro USB to board. (Figure D)



(Figure D)

“Reading configuration data”



(Figure E)

When **“Successfully read configuration from target”** pops up, your saved parameters will show.



Having difficulties? We're here to help.



Contact our Tech Support line at:

386-257-1187



Or via email at:

techsupport@metra-autosound.com

Tech Support Hours (Eastern Standard Time)

Monday - Friday: 9:00 AM - 7:00 PM

Saturday: 10:00 AM - 5:00 PM

Sunday: 10:00 AM - 4:00 PM



**Metra recommends MECP
certified technicians**