Ford **SWC (Steering Wheel Control) and Data Interface 2019-Up**

INTERFACE FEATURES

- Provides accessory power (10-amp)
- Provides wires for multimedia radios (park brake, reverse, speed sense)
- Retains audio controls on the steering wheel
- Designed for non-amplified models only
- Designed to be compatible with all major radio brands

- Auto detects vehicle type, radio connection, and preset controls
- Ability to dual assign steering wheel control buttons
- Retains memory settings even after battery disconnection or interface removal (non volatile memory)
- Provides illumination output
- Micro-B USB updatable

Note: The AXTC-FD3 does not retain SYNC.

Product Info
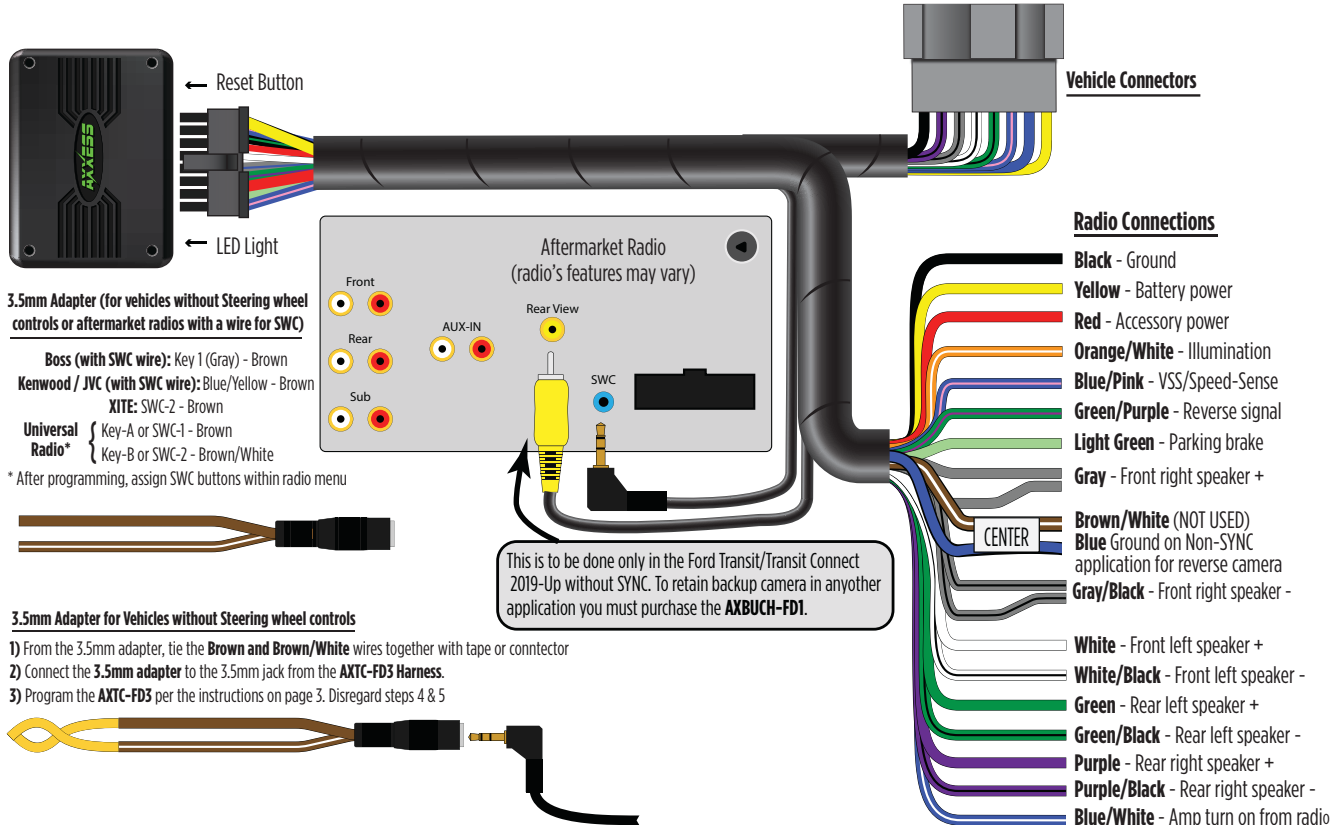
INTERFACE COMPONENTS

- AXTC-FD3 interface
- AXTC-FD3 harness
- 3.5mm adapter

TOOLS & INSTALLATION ACCESSORIES REQUIRED

- Crimping tool and connectors, or solder gun, solder, and heat shrink • Tape • Wire cutter
- Zip-ties

ATTENTION: With the key out of the ignition, disconnect the negative battery terminal before installing this product. Ensure that all installation connections are secure before cycling the ignition to test this product. NOTE: Refer also to the instructions included with the aftermarket radio.

APPLICATIONS

Ford

E Series 2021-Up	Escape............................2020-Up	Transit 2020-Up
Eco Sport.........................2020-Up	F250/F350/F450/F550...2020-Up	Transit Connect.............. 2019-Up

← Reset Button

← LED Light

Vehicle Connectors

Aftermarket Radio
(radio's features may vary)

Front

Rear

Sub

AUX-IN

Rear View

SWC

3.5mm Adapter (for vehicles without Steering wheel controls or aftermarket radios with a wire for SWC)

Boss (with SWC wire): Key 1 (Gray) - Brown
Kenwood / JVC (with SWC wire): Blue/Yellow - Brown
XITE: SWC-2 - Brown
Universal Radio* { Key-A or SWC-1 - Brown
Key-B or SWC-2 - Brown/White

* After programming, assign SWC buttons within radio menu

3.5mm Adapter for Vehicles without Steering wheel controls

1) From the 3.5mm adapter, tie the **Brown and Brown/White** wires together with tape or conntector
2) Connect the **3.5mm adapter** to the 3.5mm jack from the **AXTC-FD3 Harness**.
3) Program the **AXTC-FD3** per the instructions on page 3. Disregard steps 4 & 5

This is to be done only in the Ford Transit/Transit Connect 2019-Up without SYNC. To retain backup camera in anyother application you must purchase the **AXBUCH-FD1**.

Radio Connections

Black - Ground
Yellow - Battery power
Red - Accessory power
Orange/White - Illumination
Blue/Pink - VSS/Speed-Sense
Green/Purple - Reverse signal
Light Green - Parking brake
Gray - Front right speaker +

CENTER

Brown/White (NOT USED)
Blue Ground on Non-SYNC application for reverse camera
Gray/Black - Front right speaker -

White - Front left speaker +
White/Black - Front left speaker -
Green - Rear left speaker +
Green/Black - Rear left speaker -
Purple - Rear right speaker +
Purple/Black - Rear right speaker -
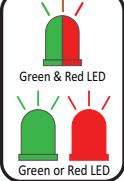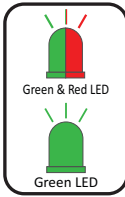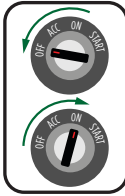**Blue/White** - Amp turn on from radio

PROGRAMMING

1. Open the driver's door, and keep open during the programming process.

2. Cycle the ignition on and wait (5) seconds.

3. Connect the **AXTC-FD3 harness** to the **AXTC-FD3 interface**, and then to the wiring harness in the vehicle.

4.* Tap Volume Up

Locate the **Volume Up** button on the steering wheel. Program the interface by tapping the **Volume Up** button at a heartbeat pace until the LED light stops flashing.
* Only applicable if vehicle came with steering wheel controls

5.* Green & Red LED

Green or Red LED

The LED light will flash **Green** & **Red** while the interface programs the radio to the steering wheel controls. Once programmed, the LED light will go out, then produce a pattern which will identify the radio type installed.

* Only applicable if vehicle came with steering wheel controls

6. Green & Red LED

Green LED

The LED light will go out, then once again quickly flash **Green** & **Red** while the interface programs itself to the vehicle. Once programmed, the LED light will go out again, then turn solid **Green**.

7. Cycle the ignition off, then back on.

8. Test all functions of the installation for proper operation.

TROUBLESHOOTING

1.

LED Light   Reset Button

If the interface fails to function, press and release the reset button, then repeat the programming process from step 4 to try again.

QR Code Scan Here

Further troubleshooting steps and information can be located at:

axxessinterfaces.com/product/AXTC-FD3

2.   **Final LED Feedback**

At the end of programming the LED light will turn **Solid Green** which indicates programming was successful. If the LED light didn't turn **Solid Green**, reference the list below to understand which programming section the problem may stem from.

LED Light	Radio Programming Section	Vehicle Programming Section
Solid Green	Pass	Pass
Slow Red Flash	Fail	Pass
Slow Green Flash	Pass	Fail
Solid Red	Fail	Fail

Note: If the LED light shows **Solid Green** for **Pass** (indicating everything programmed correctly), yet the steering wheel controls don't work, check to ensure that the 3.5mm jack is plugged in, and also plugged into the correct jack on the radio. Once corrected, press the reset button, then program again.

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 - 7:00 PM
Sunday: 10:00 AM - 4:00 PM

KNOWLEDGE IS POWER

Enhance your installation and fabrication skills by enrolling in the most recognized and respected mobile electronics school in our industry. Log onto www.installerinstitute.edu or call 386-672-5771 for more information and take steps toward a better tomorrow.

Metra recommends MECP certified technicians