

Ford Select Models 2018-Up* A2B Data Interface with Amplifier Bypass Harness & DSP

*Visit axxessinterfaces.com for current application list.

INTERFACE COMPONENTS

- AXDSPX-A2B2 interface
- AXBK-1 AXDSPX-A2B2 harness A2B-FXT
- Amplifier bypass harness
- Bass Knob
- Radio T-Harness
- Extension Cable

TOOLS REQUIRED

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

Google Play Store



Apple App Store iOS 12.1 or higher



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 radio.

For Dash Disassembly Instructions, refer to metraonline.com. Enter the year, make, and model of the vehicle in the Vehicle Fit Guide for Radio Install kits.

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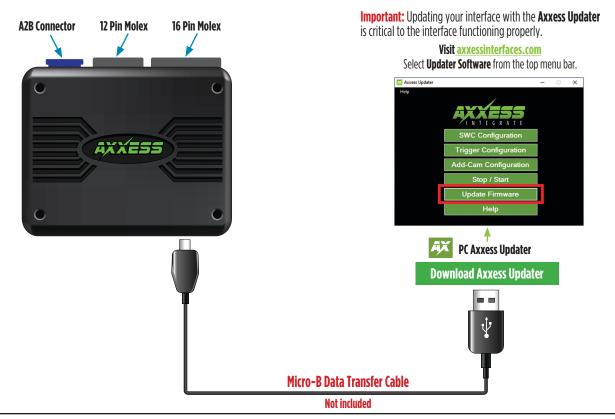
AXDSPX-A2B2 INTERFACE FEATURES

INTERFACE FEATURES

- Designed for B & O A2B amplifiers
- A2B data interface w/AXDSP-X (digital signal processor) built-in
- Includes an amplifier bypass harness
- Retains factory chimes including parking sensor chimes
- Retains SYNC voice prompts
- Chimes and voice prompts go through the aftermarket amplifier and/or cluster
- Selectable 31 Band graphic EQ or 5 Band Parametric EQ
- 10 individually assignable outputs
- Independent equalization on each of the 10 outputs

- Independent high pass, low pass, and bandpass filters
- Each channel can be delayed independently up to 10ms
- Clipping detection and limiting circuits
- Settings adjusted via Bluetooth® in a smart device application (tablet or mobile phone), compatible with both Android and Apple devices
- Read, write, and store configurations for future recall
- Password protect feature available in the mobile app
- Micro-B USB updatable

THINGS TO KNOW ABOUT THE AXDSP



THINGS TO KNOW ABOUT THE AXDSP CONT.

- The factory amplifier will be completely removed from the vehicle. This interface can
 not be used to add a subwoofer only. Aftermarket amplifiers will need to be added to
 power the vehicle speakers.
- Installation of the AXDSPX will be done at the factory amplifiers location, refer to the wire chart for locations. The harnessing installed at the factory amplifier location includes the bypass harness.
- **3.** Two **T-harnesses** are included in the kit, one will be installed behind the factory radio to access factory speaker wires powered by the radio.
- 4. The included bass knob will adjust the output levels of your subwoofer. To set your subwoofer channel, select the Outputs page within the app. Under the Location column select the channel connected to your sub amp. From the drop-down menu select Subwoofer. Don't forget to Lock Down.
- Vehicle chimes will output through the instrument cluster speaker. The chime levels are fixed.
- **6.** If running multiple amplifiers, a relay is recommended.

The **AXDSP interface** doesn't require a full understanding of equalization, crossover setting, or time delay to function properly. After the quick setup process is completed the **AXDSP interface** will output a full range signal allowing for the use of an external DSP or to use the aftermarket amplifiers settings.

The **AXDSP** does offer all the standard features found in an external **DSP**. All settings and adjustments are made through the app. For more details on these added features please refer to the instructions under the **Setup Instructions** tab, or online at **Axxessinterfaces.com** for an explanation of each tab in the app.

IMPORTANT INFORMATION ABOUT SUPPLIED T-HARNESSES

It is recommended to use the factory speaker wires when connecting to your aftermarket equipment. In vehicles that use **A2B communications (B & 0 Badging)** the factory amplifier powers specific speakers in the vehicle. The remaining speakers are powered off the factory radio. The speaker connectors found at the radio could be one of two harnesses, both are included with the interface and allow for quick access to the OE speaker. Additional speaker wires will be needed to run from the radio chassis to the aftermarket amplifiers location.

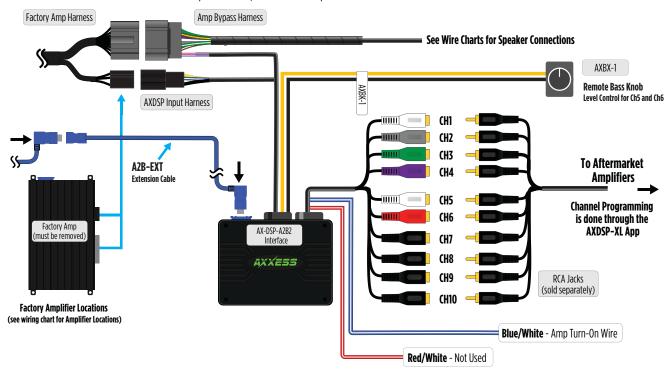
Due to the variation from the factory speaker wire location and colors it is critical that the speaker wire charts be used when wiring your aftermarket equipment. The supplied T-harnesses will not follow the standard speaker wire colors. It is recommended that each speaker wire be double checked using a tone generator and polarity tester.

EXAMPLE

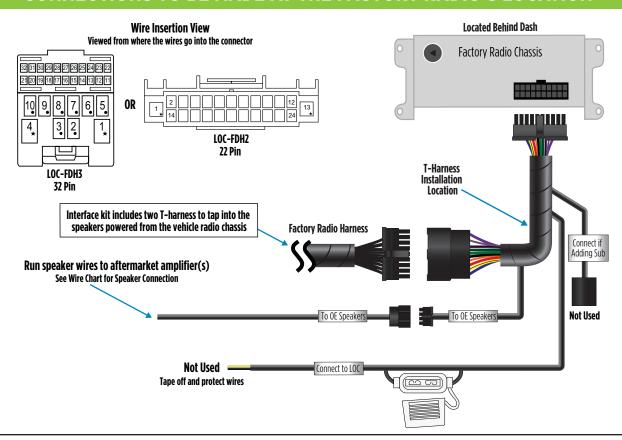
Ford Expedition 2020-UP (12 Speaker) B & O System Amplifier Location: Left Rear Quarter Panel								
20 Pin Amplifi	er Bypass Har	ness (Factory Amp Lo	24 Pin Radio T-Harness LOC-FDH2 (Radio Chassis)					
SPEAKER LOCATION	LABEL NAME	AXXESS COLOR	POLARITY	SPEAKER LOCATION	AXXESS COLOR	POLARITY		
Front Left Door SP	Speaker 1	White	+	Front Left Door Tw	White	+		
Spe	Speaker	White/Black	-	Front Left Door Tw	White/Black	-		
Rear Right Door Tw Speaker 2	Cmaakan 2	Gray	+	Front Right Door Tw	Gray	+		
	Gray/Black	-	Front Right Door I w	Gray/Black	-			
Dear Left Dear Torr	Cmaakau 7	Green	+	D-Pillar Left SP	Green	+		
Rear Left Door Tw Speake	Speaker 3	Green/Black	-	D-Pillar Left SP	Green/Black	-		
Rear Left Door SP	Speaker 4	Purple	+	D-Pillar Right SP	Purple	+		
Rear Left Door SP	Speaker 4	Purple/Black	-		Purple/Black	-		
Subwoofer 2	Speaker 5	Brown/Yellow	+					
Subwooter 2	Speaker 5	Brown/Blue	-					
Subwoofer 1	Speaker 6	Green/White	+					
Subwooler i	Speaker 6	White/Red	-					
Front Right Door SP	Speaker 7	Brown/White	+					
Front Right Door SP	Speaker /	Dark Blue/Pink	-					
Inct Danel SD Center	Speaker 8	Orange/Red	-					
Inst Panel SP Center	Speaker 8	Orange/Red/Black	+					
Dans Binht Dans SD	Cmaakan O	Blue	-					
Rear Right Door SP	Speaker 9	Blue/Black	+					

CONNECTIONS TO BE MADE AT THE FACTORY AMPLIFIER'S LOCATION

- **1.** Locate the factory amp, unplug all connectors, then remove the amp.
- 2. Install the AXDSPX-A2B2 harness and make all necessary connections, but leave the amp turn-on wire disconnected.



CONNECTIONS TO BE MADE AT THE FACTORY RADIO'S LOCATION



SPEAKER WIRING CHARTS: FORD BRONCO 2021-UP B & O SYSTEM

Ford Bronco 2021-	UP B & O Sy	stem Amplifier I	Location: Left	Rear, Behind Quarter	Panel	
20 Pin Amplifie	er Bypass Har	ness (Factory Amp Lo	32 Pin Radio T-Har	ness LOC-FDH3 (Radi	o Chassis)	
SPEAKER LOCATION	LABEL NAME	AXXESS COLOR	POLARITY	SPEAKER LOCATION	AXXESS COLOR	POLARITY
Front Left Kick Panel	Cmankau 1	White	+	Rear Left POD	White	+
Front Left Kick Panel	Speaker 1	White/Black	-	Rear Left POD	White/Black	-
Front Dight Kick Danel	Cmankau 2	Gray	+	Center Channel	Gray	+
Front Right Kick Panel S	Speaker 2	Gray/Black	-	Center Channel	Gray/Black	-
Tou Loft Dook	Cmaalaa 7	Green	+	Natiliand	Green	
Top Left Dash	Speaker 3	Green/Black	-	Not Used	Green/Black	
Ton Binht Doch	Speaker 4	Purple	+	Rear Right POD	Purple	+
Top Right Dash		Purple/Black	-		Purple/Black	-
Subwoofer 2	Cmaakan F	Brown/Yellow	+			
Subwooter 2	Speaker 5	Brown/Blue	-			
Subwoofer 1	Smankau 6	Green/White	+			
Subwooter I	Speaker 6	White/Red	-			
Natiland	Cmaakan 7	Brown/White				
Not Used	Speaker 7	Dark Blue/Pink				
Not lleed	Smankau C	Orange/Red				
Not Used	Speaker 8	Orange/Red/Black				
Mat Haad	Smaalsan C	Blue				
lot Used	Speaker 9	Blue/Black				

SPEAKER WIRING CHARTS: FORD BRONCO SPORT 2021-UP B & O SYSTEM

Ford Bronco Spor	t 2021-UP B	& O System Amp	olifier Location	n: Left Rear, Behind Qu	arter Panel	
20 Pin Amplifi	er Bypass Har	ness (Factory Amp Lo	32 Pin Radio T-Harr	32 Pin Radio T-Harness LOC-FDH3 (Radio Chassis)		
SPEAKER LOCATION	LABEL NAME	AXXESS COLOR	POLARITY	SPEAKER LOCATION	AXXESS COLOR	POLARITY
Front Left Door SP Spec	Cmaakau 1	White	+	Center Channel	White	+
	Speaker 1	White/Black	-	Center Channel	White/Black	-
Front Right Door SP	Speaker 2	Gray	+	Dash Left	Gray	-
Front Right Door SP	Speaker 2	Gray/Black	-	Dasii Leit	Gray/Black	+
Rear Left Door	Speaker 3	Green	+	Dash Right	Green	-
Rear Left Door Speaker	Speaker 3	Green/Black	-	Dasii Rigiit	Green/Black	+
Rear Right Door	Speaker 4	Purple	+	Not Used	Purple	
Rear Rigill Door	Speaker 4	Purple/Black	-		Purple/Black	
Not Used	Speaker 5	Brown/Yellow	+			
Not osed	Speaker 5	Brown/Blue	-			
Subwoofer 1	Speaker 6	Green/White	+			
Subwooter i	Speaker 6	White/Red	-			
Not Used	Speaker 7	Brown/White				
Not osed	Speaker /	Dark Blue/Pink				
Not Used	Speaker 8	Orange/Red				
Not osed	Speaker 6	Orange/Red/Black				
Not Used	Speaker 9	Blue				
NOT OSEC	Speaker 9	Blue/Black				

SPEAKER WIRING CHARTS: FORD F-150 2018-2020 (8 SPEAKER) B & O SYSTEM

Ford F-150 2018-2	.020 (8 Spea	ker) B & O System	Amplifie	er Location: Driver Side	e, Behind Rear Seat	
20 Pin Amplifi	er Bypass Har	ness (Factory Amp Lo	24 Pin Radio T-Harness LOC-FDH2 (Radio Chassis)			
SPEAKER LOCATION	LABEL NAME	AXXESS COLOR	POLARITY	SPEAKER LOCATION	AXXESS COLOR	POLARITY
Front Left Door SP	Cmaakan 1	White	+	Tweeter Left Front	White	+
Front Left Door SP	Speaker 1	White/Black	-	I weeter Left Front	White/Black	-
Front Binkt Boor CB	Cmaakan 2	Gray	+	Turantan Bimbt Frant	Gray	+
Front Right Door SP Speaker 2	Speaker 2	Gray/Black	-	Tweeter Right Front	Gray/Black	-
Door Loft Door	Smankau 7	Green	+	Net Head	Green	
Rear Left Door Sp	Speaker 3	Green/Black	-	Not Used	Green/Black	
Dear Dight Dear	Speaker 4	Purple	+	Not Used	Purple	
Rear Right Door		Purple/Black	-		Purple/Black	
Subwoofer 2	Smankau F	Brown/Yellow	+			
Subwooter 2	Speaker 5	Brown/Blue	-			
Subwoofer 1	Smankau 6	Green/White	+			
Subwooter I	Speaker 6	White/Red	-			
Center Channel	Smankau 7	Brown/White	+			
Center Channel	Speaker 7	Dark Blue/Pink	-			
Not Used	Speaker 0	Orange/Red				
Not Used	Speaker 8	Orange/Red/Black				
Net lead	Smankau C	Blue				
lot Used	Speaker 9	Blue/Black				

SPEAKER WIRING CHARTS: FORD F-150 2021-2022 (8 SPEAKER) B & O SYSTEM

Ford F-150 2021-2	2022 (8 Spea	aker) B & O System	Amplifier I	ocation: Driver Side, E	Sehind Rear Seat	
20 Pin Amplifi	er Bypass Har	ness (Factory Amp Lo	32 Pin Radio T-Harness LOC-FDH3 (Radio Chassis)			
SPEAKER LOCATION	LABEL NAME	AXXESS COLOR	POLARITY	SPEAKER LOCATION	AXXESS COLOR	POLARITY
Front Loft Door SD	Cmaakau 1	White	+	Not Used	White	
Front Left Door SP	Speaker 1	White/Black	-	Not used	White/Black	
Front Dight Door SD	Cmankay 2	Gray	+	Tweeter Left Front	Gray	+
Front Right Door SP Speaker 2	Speaker 2	Gray/Black	-	I weeter Left Front	Gray/Black	-
Rear Left Door Speaker 3	Cmaakan 7	Green	+	Turantan Bimbt Frant	Green	+
	Speaker 3	Green/Black	-	Tweeter Right Front	Green/Black	-
Door Direkt Door	Speaker 4	Purple	+	Not Used	Purple	
Rear Right Door		Purple/Black	-		Purple/Black	
Center Channel	Cmaakau E	Brown/Yellow	+			
Center Channel	Speaker 5	Brown/Blue	-			
Subwoofer 1	Smaakau 6	Green/White	+			
Subwooter I	Speaker 6	White/Red	-			
Not Used	Smaakau 7	Brown/White				
Not used	Speaker 7	Dark Blue/Pink				
Not Used	Spankar 9	Orange/Red				
Not osed	Speaker 8	Orange/Red/Black				
Not Used	Speaker 0	Blue				
lot Used	Speaker 9	Blue/Black				

SPEAKER WIRING CHARTS: FORD F-150 2021-2022 (18 SPEAKER) B & O SYSTEM

Ford F-150 2021-2	022 (18 Spe	aker) B & O System	Amplifier I	Location: Driver Side, E	Behind Rear Seat	
20 Pin Amplifi	er Bypass Har	ness (Factory Amp Lo	32 Pin Radio T-Harness LOC-FDH3 (Radio Chassis)			
SPEAKER LOCATION	LABEL NAME	AXXESS COLOR	POLARITY	SPEAKER LOCATION	AXXESS COLOR	POLARITY
Front Left Door SP	Cmankau 1	White	+	Rear Left Door	White	+
Front Lett Door SP Sp	Speaker 1	White/Black	-	Rear Left Door	White/Black	-
Inst Panel SP Left	Charles 2	Gray	+	Tweeter Left Front	Gray	+
inst Panel SP Left	Speaker 2	Gray/Black	-	Tweeter Left Front	Gray/Black	-
Overhead SD FI	Cmankau 7	Green	+	Tweeter Right Front	Green	+
Overhead SP FL Speak	Speaker 3	Green/Black	-	I weeter Right Front	Green/Black	-
Headrest SP Left	Speaker 4	Purple	+	Rear Right Door	Purple	+
neadrest SP Left		Purple/Black	-		Purple/Black	-
Overhead SP FR	Speaker 5	Brown/Yellow	+			
Overnead SP FR	Speaker 5	Brown/Blue	-			
Subwoofer 1	Speaker 6	Green/White	+			
Subwooter I	Speaker 6	White/Red	-			
Front Right Door SP	Speaker 7	Brown/White	+			
Front Right Door SP	Speaker /	Dark Blue/Pink	-			
Inst Panel SP Center	Speaker 8	Orange/Red	+			
mist Paner SP Center	Speaker 6	Orange/Red/Black	-			
Inst Danel CD Dight	Smankar O	Blue	+			
nst Panel SP Right	Speaker 9	Blue/Black	-			

SPEAKER WIRING CHARTS: FORD SUPER DUTY 2020-UP B & O SYSTEM

Ford Super Duty 2	020-Up B &	O System Ampl	lifier Location:	Driver Side, Behind Re	ear Seat	
20 Pin Amplifie	er Bypass Har	ness (Factory Amp Lo	32 Pin Radio T-Harness LOC-FDH3 (Radio Chassis)			
SPEAKER LOCATION	LABEL NAME	AXXESS COLOR	POLARITY	SPEAKER LOCATION	AXXESS COLOR	POLARITY
Front Left Door SP	Cmankau 1	White	+	Not Used	White	
	Speaker 1	White/Black	-	Not used	White/Black	
Event Dight Deer CD	Speaker 2	Gray	+	Tweeter Left Front	Gray	+
Front Right Door SP Speaker 2	Speaker 2	Gray/Black	-	Tweeter Left Front	Gray/Black	-
Rear Left Door	Speaker 3	Green	+	Tweeter Right Front	Green	+
Crew/Super Cab ONLY	Speaker 3	Green/Black	-	Tweeter Right Front	Green/Black	-
Rear Right Door	Speaker 4	Purple	+	Not Used	Purple	
Crew/Super Cab ONLY		Purple/Black	-		Purple/Black	
Subwoofer 2	Speaker 5	Brown/Yellow	+			
Subwooler 2	Speaker 5	Brown/Blue	-			
Subwoofer 1	Speaker 6	Green/White	+			
Subwooler	Speaker 6	White/Red	-			
Center Channel	Speaker 7	Brown/White	-			
Center Chamilei	Speaker /	Dark Blue/Pink	+			
Not Used	Speaker 8	Orange/Red				
NOT OSEG	Shearet o	Orange/Red/Black				
Not Used	Snoakor 0	Blue				
NOL OSEG	Speaker 9	Blue/Black				

SPEAKER WIRING CHARTS: FORD EDGE 2019-UP (12 SPEAKER) B & O SYSTEM

Ford Edge 2019-U	Ford Edge 2019-Up (12 Speaker) B & O System Amplifier Location: Left Rear, Behind Quarter Panel								
20 Pin Amplifi	er Bypass Har	ness (Factory Amp Lo	24 Pin Radio T-Harness LOC-FDH2 (Radio Chassis)						
SPEAKER LOCATION	LABEL NAME	AXXESS COLOR	POLARITY	SPEAKER LOCATION	AXXESS COLOR	POLARITY			
Front Left Door SP	Speaker 1	White	+	Front Left Tweeter	White	+			
Front Left Door SP	Speaker	White/Black	-	Front Left Tweeter	White/Black	-			
Front Dight Door SD	Speaker 2	Gray	+	Front Right Tweeter	Gray	+			
Front Right Door SP Speaker 2	Gray/Black	-	Front Right Tweeter	Gray/Black	-				
Rear Left Quarter	Speaker 7	Green	+	Rear Left Door SP	Green	+			
Panel SP	Speaker 3	Green/Black	-	Rear Left Door SP	Green/Black	-			
Rear Right Quarter	Speaker 4	Purple	+	Rear Right Door SP	Purple	+			
Panel SP	Speaker 4	Purple/Black	-		Purple/Black	-			
Rear Center Sp 2	Speaker 5	Brown/Yellow	+						
Rear Center Sp 2	Speaker 5	Brown/Blue	-						
Rear Center Sp 1	Speaker 6	Green/White	+						
Rear Center Sp 1	Speaker 6	White/Red	-						
Inst Panel FR SP	Speaker 7	Brown/White	+						
ilist Pallel FR 3P	Speaker /	Dark Blue/Pink	-						
Not Used	Speaker 8	Orange/Red							
Not used	Speaker 6	Orange/Red/Black							
Not Used	Speaker C	Blue							
Not osed	Speaker 9	Blue/Black							

SPEAKER WIRING CHARTS: FORD ESCAPE 2020-UP W/SYNC

Ford Escape 2020	O-Up W/Synd	Amplifier L	ocation: Abo	ve Right Rear Wheelwe	II .	
20 Pin Amplifi	er Bypass Har	ness (Factory Amp Lo	ocation)	24 Pin Radio T-Harness LOC-FDH2 (Radio Chassis)		
SPEAKER LOCATION	LABEL NAME	AXXESS COLOR	POLARITY	SPEAKER LOCATION	AXXESS COLOR	POLARITY
Front Left Door SP Speak	Cmaakau 1	White	+	Not Used	White	
	Speaker I	White/Black	-	Not used	White/Black	
Front Right Door SP	Cmaakau 2	Gray	+	Center Channel FR	Gray	+
Front Right Door SP	Speaker 2	Gray/Black	-	Center Channel FR	Gray/Black	-
Door Loft Door SD	Cmaakau 7	Green	+	Left Inst Panel SP	Green	-
Rear Left Door SP Speaker	Speaker 3	Green/Black	-	Left inst Panel SP	Green/Black	+
Door Dight Door CD	Smankay 4	Purple	+	Right Inst Panel SP	Purple	-
Rear Right Door SP	Speaker 4	Purple/Black	-		Purple/Black	+
Door Conton Sp 2	Cmaakau E	Brown/Yellow	+			
Rear Center Sp 2	Speaker 5	Brown/Blue	-			
Subwoofer 1	Smaakau 6	Green/White	+			
Subwooter I	Speaker 6	White/Red	-			
Not Used	Cmaakau 7	Brown/White				
Not used	Speaker 7	Dark Blue/Pink				
Net Head	Cmankay C	Orange/Red				
Not Used	Speaker 8	Orange/Red/Black				
Not Hood	Smaakan C	Blue				
ot Used	Speaker 9	Blue/Black				

SPEAKER WIRING CHARTS: FORD EXPEDITION 2020-UP (12 SPEAKER) B & O SYSTEM

Ford Expedition 2020-UP (12 Speaker) B & O System Amplifier Location: Left Rear Quarter Panel								
20 Pin Amplifi	er Bypass Har	ness (Factory Amp Lo	ocation)	24 Pin Radio T-Harness LOC-FDH2 (Radio Chassis)				
SPEAKER LOCATION	LABEL NAME	AXXESS COLOR	POLARITY	SPEAKER LOCATION	AXXESS COLOR	POLARITY		
Front Left Door SP	Speaker 1	White	+	Front Left Door Tw	White	+		
Front Left Door SP	Speaker I	White/Black	-	Front Left Door TW	White/Black	-		
Rear Right Door Tw	Speaker 2	Gray	-	Front Right Door Tw	Gray	+		
Rear Right Door Tw	Speaker 2	Gray/Black	+	Front Right Door Tw	Gray/Black	-		
Rear Left Door Tw	Speaker 7	Green	+	D-Pillar Left SP	Green	+		
Rear Leπ Door IW Speake	Speaker 3	Green/Black	-	D-Pillar Left SP	Green/Black	-		
Rear Left Door SP	Speaker 4	Purple	+	D-Pillar Right SP	Purple	+		
Rear Left Door SP		Purple/Black	-		Purple/Black	-		
Subwoofer 2	Speaker 5	Brown/Yellow	+					
Subwooler 2	Speaker 5	Brown/Blue	-					
Subwoofer 1	Speaker 6	Green/White	+					
Subwooler i	Speaker o	White/Red	-					
Front Right Door SP	Speaker 7	Brown/White	+					
Front Right Door SP	Speaker /	Dark Blue/Pink	-					
Inst Panel SP Center	Speaker 8	Orange/Red	-					
mist Pallel SP Center	Speaker 6	Orange/Red/Black	+					
Book Bight Dook SD	Speaker C	Blue	-					
Rear Right Door SP	Speaker 9	Blue/Black	+					

SPEAKER WIRING CHARTS: FORD EXPLORER 2020-UP (12& 14 SPEAKER) B & O SYSTEM W/O EMERGENCY CALL

Ford Explorer 2020	-UP (12 & 14 S	peaker) B & O System	n W/O Emergei	ncy Call Amplifier L	ocation: Left Side of (Cargo Area*	
20 Pin Amplifie	er Bypass Har	ness (Factory Amp Lo	32 Pin Radio T-Harness LOC-FDH3 (Radio Chassis)				
SPEAKER LOCATION	LABEL NAME	AXXESS COLOR	POLARITY	SPEAKER LOCATION	AXXESS COLOR	POLARITY	
Front Left Door SP	Cmankau 1	White	+	D-Pillar Right SP	White	+	
Front Left Door SP	Speaker 1	White/Black	-		White/Black	-	
Subwoofer 2 Speaker 2	Smankau 2	Gray	+	D-Pillar Left SP	Gray	+	
	Speaker 2	Gray/Black	-	D-Pillar Left SP	Gray/Black	-	
Subwoofer 1 Speaker 3	Speaker 7	Green	+	Front Loft Door Tu	Green	-	
	Speaker 5	Green/Black	-	Front Left Door Tw	Green/Black	+	
Rear Left Door SP Spo	Speaker 4	Purple	+	Front Right Door Tw	Purple	-	
Rear Left Door SP		Purple/Black	-		Purple/Black	+	
Front Right Door Mid	Cmankay E	Brown/Yellow	+	,			
14 Sp system	Speaker 5	Brown/Blue	-				
Front Left Door Mid	Smankay 6	Green/White	+				
14 Sp system	Speaker 6	White/Red	-				
Frant Bight Book SD	Smankau 7	Brown/White	+	*Note: Radio Chassis is lo cargo area, behind the pa	ocated in the Right Rear C anel	orner of the	
Front Right Door SP	Speaker 7	Dark Blue/Pink	-	cargo area, permia trie pr	unon		
last Board CD Conton	Cmaakan 0	Orange/Red	-				
Inst Panel SP Center S	Speaker 8	Orange/Red/Black	+				
Rear Right Door SP	Cmaalsan O	Blue	-				
	Speaker 9	Blue/Black	+				

SPEAKER WIRING CHARTS: FORD RANGER 2019-2022 (8 SPEAKER) B & O SYSTEM

Ford Ranger 2019)-2022 (8 Sp	eaker) B & O Syster	m Amplifier	Location: Driver Side,	Behind Rear Seat	
20 Pin Amplifier Bypass Harness (Factory Amp Location)				24 Pin Radio T-Harness LOC-FDH2 (Radio Chassis)		
SPEAKER LOCATION	LABEL NAME	AXXESS COLOR	POLARITY	SPEAKER LOCATION	AXXESS COLOR	POLARITY
Rear Right Door SP	Speaker 1	White	+	Front Left Door Tw	White	+
		White/Black	-		White/Black	-
Front Left Door SP	Speaker 2	Gray	+	Front Right Door Tw	Gray	+
		Gray/Black	-		Gray/Black	-
Rear Left Door SP	Speaker 3	Green	+	Center Channel SP	Green	+
		Green/Black	-		Green/Black	-
Subwoofer 2	Speaker 4	Purple	+	Not Used	Purple	
		Purple/Black	-		Purple/Black	
Center Channel	Speaker 5	Brown/Yellow	+			
		Brown/Blue	-			
Front Right Door SP	Speaker 6	Green/White	+			
		White/Red	-			
Subwoofer 1	Speaker 7	Brown/White	+			
		Dark Blue/Pink	-			
Not Used	Speaker 8	Orange/Red				
		Orange/Red/Black				
Not Used	Speaker 9	Blue				
		Blue/Black				

QUICK SETUP STEPS THROUGH AXDSP-XL APP

Google Play Store



Apple App Store iOS 12.1 or higher



- 1. Download and install the AXDSP-X app from the **Google Play Store** or **Apple App Store**.
- **2.** Turn Vehicle Ignition on. Make sure the Remote Turn on lead is disconnected.
- **3.** Open the app: Select **Bluetooth Connections** page.
 - Select Scan, all available AXDSP devices within range will be displayed.
 Select your AXDSP and hit connect. (Figure A)
- 4. Select the Configuration page.
 - Select Vehicle Type Icon
 - Select the Vehicle Make: Ford
 - Select the Vehicle's model: _____ (Example: Bronco)
 - Select With OE Amp
 - Hit **Apply** (Figure B)
- **5.** Make sure radio volume is all the way down.
- **6.** Connect the amp turn-on wire from the **AXDSPX-A2B2** harness to the aftermarket amplifiers.
 - Consideration and the Note of State State

(Figure A)

(Figure B)

- 7. From the **Configuration** page click the **Identify** button to confirm that the AXDSPX-A2B2 is connected properly. If so, a chime will be heard from the front left speaker.
- **8.** Press the **Lock Down** button to save the configuration. (Do not turn ignition off until this process is completed) (Figure C)
- **9.** Select the **Bluetooth Configurations** page and disconnect the DSPX.
- 10. Turn ignition off, close all door then lock vehicle using the key fob. The vehicle will need to sit uninterrupted for 10 minutes while the vehicle goes to sleep. (Make sure Key fob is 15 feet away from the vehicle)
- 11. Unlock Vehicle, turn ignition on and test radio's functions.
- Adjust the DSP settings in the app as desired. Refer to the instructions under the Setup Instructions tab, or online at Axxessinterfaces.com for an explanation of each tab in the app.

Locking Down Data



(Figure C)

Last and the most important: You MUST lock down your configuration and cycle the key!!!



AXDSPX-A2B2 INSTALLATION INSTRUCTIONS



A2B LED FEEDBACK

LED ON BOARD

BLINKING: VEHICLE'S BUS IS AWAKE

OFF: VEHICLE IS ASLEEP

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)

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