Digital **Signal Processor**
with Chime Control and Digital Amp Turn-On Capability

Axxess has taken all the features found in our original AXDSP-X and made them better, now with 10 individually assigned output channels and an option to password protect your settings via the smartphone app. Metra’s next-generation DSP from Axxess offers an on-board digital amplifier turn-on capability and is a versatile and cost-effective solution for improving a sound system.

**Complete Tuning Control**
Installers will have full control to fine-tune each of the 10 channel outputs individually, controlled via Bluetooth® in the free app. The app makes tuning easy with a 31-band graphic EQ and up to 10ms time delay for each channel, with independent high, low and bandpass filters.

**Retain Features with a Built-in Interface**
Utilizing Axxess’s data interface technology, the AXDSP-X goes beyond what a traditional DSP can do and retains many of the features commonly lost when upgrading a sound system. Voice prompts, parking sensor chimes and other factory chimes are retained with an adjustable volume control that many traditional DSPs cannot offer. This is a cost-effective solution for customers who want to retain their factory radio and improve their vehicle sound quality, while still retaining systems like SYNC® or OnStar®.

**One Solution, Many Applications**
The AXDSP-X solution already works with a wide range of vehicle applications and systems, including OE or aftermarket radios, and fixed level analog and/or digitally controlled amplified systems, in addition to non-amplified vehicles that do not have chimes. The AXDSP-X works with all of the existing AXDSP-X T-harnesses and still offers the same easy installation behind the radio.

See the AXDSP-X application chart at AxxessInterfaces.com for up-to-date, vehicle specific information.
The new AXDSP-X packages were designed to be an all-in-one solution for digitally amplified systems. Axxess now has available two packages that include the DSP, the vehicle specific T-harness and amplifier bypass harness all in one convenient package.

**At the Radio Install**

The AXDSP-X packages were designed to be an all-in-one solution for digitally amplified systems. Axxess now has available two packages that include the DSP, the vehicle specific T-harness and amplifier bypass harness all in one convenient package.

**GM 2019-UP**

- AXDSPX-GL30
  - Package includes AXDSP-X and vehicle T-harness
  - Bass knob included
  - Retains OnStar® voice prompts
  - Retains factory parking sensor chimes
  - Adjustable chime level
  - Micro “B” USB updatable

- AXDSPX-GL31
  - Package includes AXDSP-X and vehicle T-harness
  - Bass knob included
  - Retains OnStar® voice prompts
  - Retains factory parking sensor chimes
  - Adjustable chime level
  - Micro “B” USB updatable

**Spdif® Digitally Controlled Amplified Systems**

- AXDSPX-HN3
  - Includes the AXDSP-X, plug-n-play harness, data interface and amplifier bypass harness
  - Bass knob included
  - Retains the ability to work with Spdif® digitally controlled amplified systems
  - Amplifier does NOT need to be retained
  - Wiring will need to be done at the amplifier location

- AXDSPX-HK4
  - Includes the AXDSP-X, plug-n-play harness, data interface and amplifier bypass harness
  - Bass knob included
  - Retains the ability to work with Spdif® digitally controlled amplified systems
  - Amplifier does NOT need to be retained
  - Wiring will need to be done at the amplifier location

**At the OE Amplifier Location**

- AXDSPX-HN3
  - Includes the AXDSP-X, plug-n-play harness, data interface and amplifier bypass harness
  - Bass knob included
  - Retains the ability to work with Spdif® digitally controlled amplified systems
  - Amplifier does NOT need to be retained
  - Wiring will need to be done at the amplifier location

- AXDSPX-HK4
  - Includes the AXDSP-X, plug-n-play harness, data interface and amplifier bypass harness
  - Bass knob included
  - Retains the ability to work with Spdif® digitally controlled amplified systems
  - Amplifier does NOT need to be retained
  - Wiring will need to be done at the amplifier location

*Visit AXXESSINTERFACES.COM for up-to-date vehicle specific applications
Just the **DSP Essentials**

**Digital Signal Processor** with Chime Control and Digital Amp Turn-On Capability

Not every sound system will utilize all the features of the AXDSP-X, so we’ve created a “Lite” version to provide just the essentials, while still providing Axxess’s cutting-edge technology to retain vehicle functions. Installers can use the AXDSP-L with OEM or aftermarket radios to take six channels of digital audio and convert it to six channels of analog signal for use with an aftermarket amplifier or DSP. While this may be a “Lite” version, it still provides retention of many important vehicle functions. The AXDSP-L features chime control, retains OEM voice prompts and sonar sensors, and has clipping detection and limiting circuits. There are four inputs and six outputs, including front, rear and subwoofer, and the front and rear outputs can be delayed independently up to 10ms.

**AXDSP-L**

**UNIVERSAL**

**Digital Signal Processor with Chime Control and Digital Amp Turn-On Capability**

- 4 inputs and 6 outputs, including front, rear and subwoofer
- Front and rear outputs can be delayed independently up to 10ms
- Easy behind the radio installation and can be used with OEM and aftermarket radios
- Chime control for vehicles with amp-generated chimes (when retaining OEM radio)
- Selectable slope (12, 24, 36, or 48db per octave)
- Retains OEM voice prompts (SYNC® and OnStar®)
- Retains sonar sensors in vehicles where the tone is provided by the amplifier (when retaining OEM radio)
- Clipping detection and limiting circuits
- Settings adjusted via Bluetooth® in a smart device application, compatible with both Android™ and Apple® devices
- Read, write, and store your configuration for future recall
- Password protect feature available in the mobile app
- Micro “B” USB updatable

*Visit AXESSINTERFACES.COM for up-to-date vehicle specific applications*
AXDSP-GM30
**GM 2019-UP**
- Package includes AXDSP-L and vehicle T-harness
- Bass knob included
- Retains OnStar® voice prompts
- Retains factory parking sensor chimes
- Adjustable chime level
- Micro “B” USB updatable

AXDSP-GM31
**GM 2019-UP**
- Package includes AXDSP-L and vehicle T-harness
- Bass knob included
- Retains OnStar® voice prompts
- Retains factory parking sensor chimes
- Adjustable chime level
- Micro “B” USB updatable

AXDSP-MST1
**GM 2014-UP**
- Includes the AXDSP-L, plug-n-play harness, data interface and amplifier bypass harness
- AXDSP-X technology used
- Bass knob included
- Retains the ability to work with MOST50 digitally controlled amplified systems
- Amplifier does NOT need to be retained
- Wiring will need to be done at the amplifier location
- Micro “B” USB updatable

AXDSP-HK4
**HYUNDAI/KIA SPDIF 2017-UP**
- Includes the AXDSP-X, plug-n-play harness, data interface and amplifier bypass harness
- Bass knob included
- Retains the ability to work with SPDIF® digitally controlled amplified systems
- Amplifier does NOT need to be retained
- Wiring will need to be done at the amplifier location

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**DSP Accessory**

**AXBK-1**
- **UNIVERSAL**
- • Bass knob

**AXDSPL-SP**
- **UNIVERSAL**
- • 2-channel optical output for the AXDSP-L

**AXDSPL-BT**
- **UNIVERSAL**
- • 3.0 Bluetooth® Audio Streaming input for AXDSP-L

**AXDSPL-T2**
- **UNIVERSAL**
- • 2 meter optical cable

**AXDSPL-T3**
- **UNIVERSAL**
- • 3 meter optical cable

**AXDSPL-T4**
- **UNIVERSAL**
- • 4 meter optical cable

**AXDSPL-T5**
- **UNIVERSAL**
- • 5 meter optical cable

*Visit AXXESSINTERFACES.COM for up-to-date vehicle specific applications*
AXDSPX-WR

UNIVERSAL
AXDSP-X Package with Water-Resistant Case
• Includes all of the features of the AXDSP-X
• Housed in a water-resistant case
• Harnesses have a rubber boot that snap into the housing
• Amplifier, if equipped, does NOT need to be retained
• All wiring will be done at the radio location
• Designed for marine and powersports applications

AXDSPL-WR

UNIVERSAL
AXDSP-X Package with Water-Resistant Case
• Includes all of the features of the AXDSP-L
• Housed in a water-resistant case
• Harnesses have a rubber boot that snap into the housing
• Amplifier, if equipped, does NOT need to be retained
• All wiring will be done at the radio location
• Designed for marine and powersports applications

*Visit AXESSINTERFACES.COM for up-to-date vehicle specific applications
Add Camera to OEM

**AXAC-CH7**

*CHRYSLER 2018-UP*

Add-On Multiple CAN Activated Cameras
- To be used when adding cameras to an OEM screen
- (4) Camera inputs
- Programmable 12V 5-amp switched output (configured through the Axxess Updater program)
- Reverse signal trigger generated via CAN bus communication of the vehicle
- Turn signal trigger generated via CAN bus communication of the vehicle
- Programmable camera control wires (configured through the Axxess Updater program)
- Can also be manually controlled and used along with an aftermarket radio
- VSS (Vehicle Speed Sense) input and output
- Micro “B” USB updatable

**AX-FDSTK**

*FORD 2011-UP*

Add turn signal camera to SYNC® 4” screens
- To be used with AXAC-FD1 when adding turn signal cameras to a SYNC® 4” OEM screen
- Installation done at the steering column

**AXAC-GM1**

*GM 2014-UP*

Add-On Multiple CAN Activated Cameras
- To be used when adding cameras to an OEM screen
- (4) Camera inputs
- Programmable 12V 5-amp switched output (configured through the Axxess Updater program)
- Reverse signal trigger generated via CAN bus communication of the vehicle
- Turn signal trigger generated via CAN bus communication of the vehicle
- Programmable camera control wires (configured through the Axxess Updater program)
- Can also be manually controlled and used along with an aftermarket radio
- VSS (Vehicle Speed Sense) input and output
- Micro “B” USB updatable

**AXAC-GM2**

*GM 2014-UP*

Add-On Multiple CAN Activated Cameras
- To be used when adding cameras to an OEM screen
- (4) Camera inputs
- Programmable 12V 5-amp switched output (configured through the Axxess Updater program)
- Reverse signal trigger generated via CAN bus communication of the vehicle
- Turn signal trigger generated via CAN bus communication of the vehicle
- Programmable camera control wires (configured through the Axxess Updater program)
- Can also be manually controlled and used along with an aftermarket radio
- VSS (Vehicle Speed Sense) input and output
- Micro “B” USB updatable
The AX-Series with built-in steering wheel control technology allows for an easy to install solution of one interface to provide the functions that are needed when replacing a factory radio. One interface will do it all with auto-detect technology. All harnessing is cloth taped for a clean installation. Axxess has also improved the initialization process with the addition of a reset button between the two Micro-Fit™ connectors. The placement prevents the button from being pressed by mistake, but allows for a much easier way to reset the interface if required.

- Provides accessory power (12-volt 10-amp)
- Retains R.A.P. (Retained Accessory Power)
- Provides NAV outputs (parking brake, reverse and speed sense)
- Retains audio controls on the steering wheel
- Retains SYNC® or OnStar® (vehicle dependent)
- Can be used in both amplified and non-amplified models
- Micro "B" USB updatable

**AXA2B-FD1**

**FORD A2B Amp Retention**
- Amplifier retention for Ford A2B systems
- Must be used with Ford radio replacement interface
- Amplified systems only

**AXDIS-GMLN30**

**Non-Amplified Data Interface with SWC**
- Provides accessory power (12-volt 10-amp)
- Retains R.A.P. (Retained Accessory Power)
- Provides NAV outputs (parking brake, reverse and speed sense)
- Retains chimes
- Retains audio controls on the steering wheel
- Used in non-amplified systems
- Retains balance and fade
- Micro "B" USB updatable

**AXDIS-GMLN31**

**Non-Amplified Data Interface with SWC**
- Provides accessory power (12-volt 10-amp)
- Retains R.A.P. (Retained Accessory Power)
- Provides NAV outputs (parking brake, reverse and speed sense)
- Retains chimes
- Retains audio controls on the steering wheel
- Used in non-amplified systems
- Retains balance and fade (excludes digital amplified models)
- Micro "B" USB updatable

**AXDIS-TY3**

**Non-Amplified Data Interface with SWC**
- Provides accessory power (12-volt 10-amp)
- Retains R.A.P. (Retained Accessory Power)
- Provides NAV outputs (parking brake, reverse and speed sense)
- Retains chimes
- Retains audio controls on the steering wheel
- Used in non-amplified systems
- Retains balance and fade (excludes digital amplified models)
- Micro "B" USB updatable

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Total Control Interface Series

One Solution Provides Total Control
Axxess has engineered a new data interface that combines all of the features of the best-selling AXSWC and XVI lines into one robust solution for radio replacement. When replacing a radio, the AXSWC utilizes patented Auto-Detect technology that automatically detects the vehicle type, radio connection and preset controls, while allowing the ability to dual assign steering wheel controls. It provides NAV outputs, accessory power and a 12-volt illumination output, in addition to retaining R.A.P., balance and fade.

Compatible with More Radios and Vehicles
The Axxess Total Control Series is a patent-pending universal solution designed to work with all major radio brands and both amplified and non-amplified audio systems. In addition to Auto-Detect, it can be manually programmed for most vehicles and will retain settings even after battery disconnection or interface removal. Additional vehicle-specific packages include harnessing for an easier installation.

AXTC-1
Universal Steering Wheel Control and Data Interface
• Provides accessory power (12-volt 10-amp)
• Retains R.A.P. (Retained Accessory Power)
• Provides 12-volt illumination output
• Can be used in both amplified and non-amplified models
• Provides NAV outputs (parking brake, reverse and speed sense)
• Retains balance and fade
• Designed to be compatible with all major radio brands
• Auto detects vehicle type, radio connection and presets controls
• Ability to dual assign steering wheel control buttons
• Can be manually programmed for most vehicles
• Retains memory settings even after battery disconnection or interface removal
• Micro “B” USB updatable

AXTC-HN1
Non-Amplified Data Interface with SWC
• Provides accessory power (12-volt 10-amp)
• Retains R.A.P. (Retained Accessory Power)
• Provides 12-volt illumination output
• Used with non-amplified systems
• Retains factory backup camera (if applicable) & memory settings
• Provides NAV outputs (parking brake, reverse and speed sense)
• Auto detects vehicle type, radio connection and presets controls
• Ability to dual assign steering wheel control buttons
• Can be manually programmed for most vehicles
• Micro “B” USB updatable

AXM25-MB1
Mercedes MOST25 amp retention
• Amplifier retention for Mercedes MOST25 systems
• Must be used with Mercedes radio replacement interface
• Amplified systems only

AXTC-1
Universal Steering Wheel Control and Data Interface
• Provides accessory power (12-volt 10-amp)
• Retains R.A.P. (Retained Accessory Power)
• Provides 12-volt illumination output
• Can be used in both amplified and non-amplified models
• Provides NAV outputs (parking brake, reverse and speed sense)
• Retains balance and fade
• Designed to be compatible with all major radio brands
• Auto detects vehicle type, radio connection and presets controls
• Ability to dual assign steering wheel control buttons
• Can be manually programmed for most vehicles
• Retains memory settings even after battery disconnection or interface removal
• Micro “B” USB updatable

AXTC-HN1
Non-Amplified Data Interface with SWC
• Provides accessory power (12-volt 10-amp)
• Retains R.A.P. (Retained Accessory Power)
• Provides 12-volt illumination output
• Used with non-amplified systems
• Retains factory backup camera (if applicable) & memory settings
• Provides NAV outputs (parking brake, reverse and speed sense)
• Auto detects vehicle type, radio connection and presets controls
• Ability to dual assign steering wheel control buttons
• Can be manually programmed for most vehicles
• Micro “B” USB updatable

AXM25-MB1
Mercedes MOST25 amp retention
• Amplifier retention for Mercedes MOST25 systems
• Must be used with Mercedes radio replacement interface
• Amplified systems only

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Extension Harnesses

This patent-pending interface is designed to automatically disengage the STOP/START engine feature on select Ford and Chrysler vehicles, which may be bothersome to some people. Now installers can offer drivers the option to override or re-engage this feature automatically, whether they have a factory or aftermarket radio installed. The vehicle type is configured through the AXXESS UPDATER and a simple 4-wire installation is done at the radio location.

Start/Stop Override Data Interface

AXEXH-GM30
GM INTERFACE EXTENSION HARNESS

AXEXH-GM31
GM INTERFACE EXTENSION HARNESS

GM 2019-UP*

AXSSO-GM
STOP/START OVERRIDE INTERFACE FOR GM

- Allows the override of the OE STOP/START feature
- Can be used with OE or aftermarket radios
- Simple 2-wire installation under the hood
- Weather resistant housing and harnessing
- Retains remote start feature (if equipped)

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AXTC with Chime

**AXTC-BMI**

**BM/W/MINI 2006-UP**

*Non-Amplified Data Interface with SWC*
- Provides accessory power (12-volt 10-amp)
- Retains R.A.P. (Retained Accessory Power)
- Provides NAV outputs (parking brake, reverse and speed sense)
- Retains chimes
- Used in non-amplified systems
- Designed to be compatible with all major radio brands
- Auto detects vehicle type, radio connection and presets controls
- Ability to dual assign steering wheel control buttons
- Can be manually programmed for most vehicles
- Retains memory settings even after battery disconnection or interface removal
- Micro “B” USB updatable

**AXTC-CL2**

**GM 2000-2013**

*Non-Amplified & Amplified Data Interface with SWC*
- Provides accessory power (12-volt 10-amp)
- Retains R.A.P. (Retained Accessory Power)
- Provides 12-volt illumination output
- Can be used in both amplified and non-amplified models
- Retains factory backup camera (if applicable & chimes)
- Provides NAV outputs (parking brake, reverse and speed sense)
- Designed to be compatible with all major radio brands
- Auto detects vehicle type, radio connection and presets controls
- Ability to dual assign steering wheel control buttons
- Can be manually programmed for most vehicles
- Retains memory settings even after battery disconnection or interface removal
- Micro “B” USB updatable

**AXTC-LN11**

**GM 2006-2012**

*Non-Amplified & Amplified Data Interface with SWC*
- Provides accessory power (12-volt 10-amp)
- Retains R.A.P. (Retained Accessory Power)
- Provides 12-volt illumination output
- Can be used in both amplified and non-amplified models
- Retains factory backup camera (if applicable & chimes)
- Provides NAV outputs (parking brake, reverse and speed sense)
- Designed to be compatible with all major radio brands
- Auto detects vehicle type, radio connection and presets controls
- Ability to dual assign steering wheel control buttons
- Can be manually programmed for most vehicles
- Retains memory settings even after battery disconnection or interface removal
- Micro “B” USB updatable

**AXTC-LN29**

**GM 2006-UP**

*Non-Amplified & Amplified Data Interface with SWC*
- Provides accessory power (12-volt 10-amp)
- Retains R.A.P. (Retained Accessory Power)
- Provides 12-volt illumination output
- Can be used in both amplified and non-amplified models
- Retains factory backup camera (if applicable & chimes)
- Provides NAV outputs (parking brake, reverse and speed sense)
- Designed to be compatible with all major radio brands
- Auto detects vehicle type, radio connection and presets controls
- Ability to dual assign steering wheel control buttons
- Can be manually programmed for most vehicles
- Retains memory settings even after battery disconnection or interface removal
- Micro “B” USB updatable
AXTC-LN30
**GM 2019-UP***
Non-Amplified Data Interface with SWC
- Provides accessory power (12-volt 10-amp)
- Retains R.A.P. (Retained Accessory Power)
- Provides 12-volt illumination output
- Retains chimes
- Used with non-amplified systems
- Provides NAV outputs (parking brake, reverse and speed sense)
- Designed to be compatible with all major radio brands
- Auto detects vehicle type, radio connection and presets controls
- Ability to dual assign steering wheel control buttons
- Can be manually programmed for most vehicles
- Retains memory settings even after battery disconnection or interface removal
- Micro “B” USB updatable

AXTC-LN31
**GM 2019-UP***
Non-Amplified Data Interface with SWC
- Provides accessory power (12-volt 10-amp)
- Retains R.A.P. (Retained Accessory Power)
- Provides 12-volt illumination output
- Provides NAV outputs (parking brake, reverse and speed sense)
- Used with non-amplified systems
- Retains factory backup camera (if applicable) & chimes
- Provides NAV outputs (parking brake, reverse and speed sense)
- Designed to be compatible with all major radio brands
- Auto detects vehicle type, radio connection and presets controls
- Ability to dual assign steering wheel control buttons
- Can be manually programmed for most vehicles
- Retains memory settings even after battery disconnection or interface removal
- Micro “B” USB updatable

AXTC-LN44
**GM 2012-2016***
Non-Amplified Data Interface with SWC
- Provides accessory power (12-volt 10-amp)
- Retains R.A.P. (Retained Accessory Power)
- Provides 12-volt illumination output
- Provides NAV outputs (parking brake, reverse and speed sense)
- Used with non-amplified systems
- Retains factory backup camera (if applicable) & chimes
- Provides NAV outputs (parking brake, reverse and speed sense)
- Designed to be compatible with all major radio brands
- Auto detects vehicle type, radio connection and presets controls
- Ability to dual assign steering wheel control buttons
- Can be manually programmed for most vehicles
- Retains memory settings even after battery disconnection or interface removal
- Micro “B” USB updatable

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**OEM USB Retention/Replacement**

Cables will allow the user to utilize the rear USB input of an aftermarket radio.

**AXUSB-JP1**  
*CHRYSLER/DODGE/JEEP 2015-UP*®  
USB/AUX/HDMI® Replacement Panel  
• To be used to replace the factory USB/AUX panel in certain Jeep vehicles  
• 3 feet in length

**AXUSB-CH1**  
*CHRYSLER/DODGE/JEEP 2015-UP*®  
USB/AUX/HDMI® Replacement Panel  
• To be used to replace the factory USB/AUX panel in certain Chrysler, Dodge, and Jeep vehicles  
• 3 feet in length

**AXUSB-CH2**  
*CHRYSLER/DODGE/JEEP 2015-UP*®  
USB/AUX/HDMI® Replacement Panel  
• To be used to replace the factory USB/AUX panel in certain Chrysler, Dodge, and Jeep vehicles  
• 3 feet in length

**AXUSB-RAM1**  
*CHRYSLER/DODGE/JEEP 2015-UP*®  
USB/AUX/HDMI® Replacement Panel  
• To be used to replace the factory USB/AUX panel in RAM vehicles  
• 3 feet in length

**AXUSB-HK3**  
*HYUNDAI/KIA 2014-UP*®  
USB/AUX/HDMI® Replacement Panel  
• To be used to replace the factory USB/AUX panel  
• 3 feet in length

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INTRODUCING THE Axxess® Updater App

DUAL ASSIGN AND REMAP BUTTONS OR CHANGE AXSWC CONTROLS!
Through the app, Axxess users will be able to update any current Axxess interface from the convenience of their Android or iOS based smart phone or tablet. Used in conjunction with the On-The-Go (OTG) cable (AXUSBM-OTG) for Android or the AXHUB-1 for iOS and the updating cable specific to the interface, the update can be done seamlessly from the app.

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Go to www.axxessupdater.com/appstore.php to download from the Apple App Store or scan the QR code.