

News Release

28th February 2023

Reporting materials

Product name	Model number	Release period
9" Capacitive WSVGA /Bluetooth®/USB/DAB+ Digital Radio Tuner • DSP Main unit	SPH-EVO950DAB	Spring



Pioneer Europe NV (February 28th, 2023) - Recently, in-dash audio/video receivers – often described as display audio products – have grown in popularity as consumers seek to add to their vehicle a similar intuitive and convenient touch + voice UI experience they are familiar with on their smartphone. Pioneer Europe NV, a leader in aftermarket mobile electronics, introduces the SPH-EVO950DAB, its latest in-dash receiver featuring an advanced 9-inch large screen display and compatibility with several automotive connectivity solutions including Android Auto™, Apple CarPlay, Bluetooth®, and WeLink®. Additionally, the unique design of the SPH-EVO950DAB greatly increases installation flexibility due to its universal 1-DIN size chassis and 9-inch display that can be installed as a floating type, protruding from the front surface of the dash¹, or as an in-dash type, mounted flush in the radio location of compatible vehicles or installation dash kits².

Pioneer Display audio product page: <https://www.pioneer-car.eu/eur/products/sph-evo950dab>

【Main features】

1) Wireless and wired smartphone connectivity

The SPH-EVO950DAB features connectivity specifically designed to support a connection between the driver or passenger's smartphone and the receiver.

- **Android Auto (wireless/wired)** - The SPH-EVO950DAB is compatible with Android Auto and can be connected wirelessly via Wi-Fi® and Bluetooth or wired via USB cable to a compatible Android™ smartphone. Android Auto is a simpler, safer way to use your phone in the car. Get all your favorite maps, media, and messaging apps on your car display.
- **Apple CarPlay (wireless/wired)** - The SPH-EVO950DAB is compatible with Apple CarPlay and supports connecting to a compatible iPhone® using either a wireless connection or a wired USB connection. Apple CarPlay is a smarter, safer way to use your iPhone while you drive. You can get directions, make calls, send and receive messages, and enjoy your favorite music.
- **Bluetooth Wireless Connectivity** - Built-in Bluetooth wireless connectivity provides convenient hands-free calling and music streaming with compatible Bluetooth enabled devices. Users can pre-register up to 5 smartphones, enabling hands-free calling and/or music to be streamed from any previously paired phones, eliminating the need to pair and unpair devices.
- **WeLink** - WeLink enables a compatible smartphone with the WeLink Host app installed³ to display and control compatible third-party applications from the in-dash receiver touchscreen⁴. WeLink compatible apps provide services such as turn-by-turn navigation (i.e. Waze®), point of interest information and reviews, restaurant reservations, music entertainment, and more⁵. –WeLink enables the SPH-EVO950DAB to deliver a modern

infotainment



【Image of using "WebLink"】

Click here for details of "WebLink" <https://hellowebblink.com/>

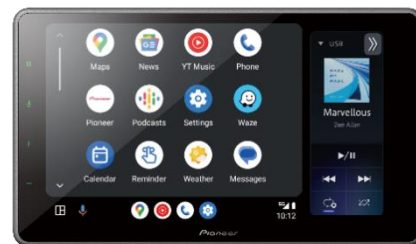
2) Advanced large screen WSVGA resolution touchscreen

Capitalizing on its large 9" WSVGA resolution (1024 × 600) touchscreen, the SPH-EVO950DAB supports multiple advanced display modes to improve the usability, visibility, and legibility of the user interface.

- Split screen mode – This mode allows the user to display and control specific functions of the SPH-EVO950DAB such as source selection or tuner presets on an adjacent partition of the screen by dynamically resizing the Android Auto or Apple CarPlay user interface. This enables frequently used functions to be accessed without exiting or interrupting Android Auto or Apple CarPlay functionality.

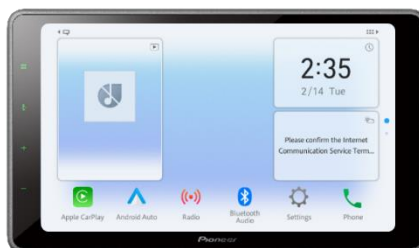


【"Apple CarPlay" split screen display】



【"Android Auto" split screen display】

- Light / Dark mode for enhanced visibility – By changing the colors of the UI background and text, visibility and legibility can be optimized based on the ambient light conditions, such as day or night. Light mode is intended to reduce the effect of ambient light reflections in bright conditions (daytime), while Dark mode may help to reduce screen glare in dark conditions (nighttime). Light / Dark mode can be selected manually or set to automatically correspond to the time of day and/or illumination settings of the vehicle⁶.



【Light mode】



【Dark mode】

3) 9-inch large floating type to suit most vehicles

The design of the SPH-EVO950DAB structure is unique, combining a universal 1-DIN size chassis with a large 9-inch display that can be configured for installation either as a floating mount type applicable to most vehicles¹ or as an in-dash flush mount type in specific compatible vehicles². When installed as a floating mount type, the screen offers horizontal, vertical and tilt adjustability to ensure the best fit and usability in the vehicle's dash.

4) Enhanced audio capabilities

In addition to using carefully selected audiophile-grade capacitors and other components optimized for sound quality, the SPH-EVO950DAB features a custom high-performance 48-bit dual-core DSP that enables advanced sound quality tuning and adjustability. Pioneer-developed audio enhancements such as Time Alignment and Network Mode can provide adjustment of each speaker to create an optimal sound field specific to the user's listening position, while the 13-band graphic equalizer allows fine-tuning of output across the audible frequency spectrum. The SPH-EVO950DAB is also equipped with Pioneer's Advanced Sound Retriever, which enhances compressed sound sources.

The SPH-EVO-950DAB includes a DAB/DAB+ Digital Radio tuner allowing you to enjoy the convenience of listening to your favorite radio stations in crystal clear digital quality thanks to a built-in Digital Radio tuner. The SPH-EVO950DAB is a Digital Radio Tick Mark Approved product. This means Pioneer has met the minimum Digital Radio specification, verified by independent testing. All Pioneer products that use this Digital Radio Tick Mark have been independently tested and approved so you can buy with confidence.

5) Other connectivity characteristics

The SPH-EVO950DAB also features the following input/output capabilities:

- Rear USB 2.0 port for smartphone connectivity (1.5A maximum current capability), audio playback of MSC/MTP devices, and software updates
- Rear AV input
- Rear camera input with parking guidelines compatible with many original equipment (OE) rear-view cameras (aftermarket adaptor required, sold separately) and most aftermarket universal rear-view cameras, including Pioneer's <insert local market model number> rear-view camera (sold separately)
- Rear seat entertainment monitor video output terminal (RCA)⁷
- RCA preamplifier outputs (front/rear/subwoofer)
- An additional input where you can add a Second Camera

¹ Ensure that the monitor does not obstruct the driver's clear view of the road, impair the performance of any of the vehicle's operating system or safety features including airbags, indicators (lights) and hazard lamp buttons, or impair the driver's ability to safely operate the vehicle.

² In-dash type flush mount capability varies by vehicle and/or third-party installation kit availability, sold separately.

³ The compatible smartphone must be connected to the MODEL NAME via USB and Bluetooth simultaneously to enable full WebLink functionality.

⁴ Certain apps may restrict some functions, such as video and music playback.

⁵ Smartphone apps available within WebLink are provided by third parties and are subject to change or discontinuation without notice.

⁶ Requires connection to a compatible vehicle illumination circuit of the vehicle during installation. Third-party installation adapter or interface may be required, sold separately.

⁷ Not all sources can be output to the rear video output.

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Android and Android Auto are trademarks of Google LLC.

To use Android Auto on your car display, you'll need an Android phone running Android 8 or higher, an active data plan, and the Android Auto app.

To wirelessly use Android Auto on your car display, you need a compatible Android smartphone with an active data plan. You can check which smartphones are compatible at g.co/androidauto/requirements.

Some features and devices may not be available in all countries. Subject to availability.

Apple CarPlay is a trademark of Apple Inc. registered in the U.S. and other countries.

Apple CarPlay requires iPhone 5 or newer with the latest version of iOS.

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【Main Specifications】

■USB	
USB Standard	USB1.1, USB2.0 Full Speed, USB2.0 High Speed
Maximum supply current	1.5 A
USB Class	MSC(Mass Storage Class) , MTP(Media Transfer Protocol)
File System	FAT16, FAT32, NTFS
MP3 Decoding Format	MPEG-1 & MPEG-2 & MPEG-2.5 AUDIO LAYER-3
WMA Decoding Format	Ver7, 7.1, 8, 9, 10, 11,12 (2ch audio) (Windows Media Player)
AAC Decoding Format	MPEG-4 AAC (Only those encoded with iTunes Ver.12.5 or earlier)
WAV Signal Format	Linear-PCM (16,22,05,24,32,44.1,48,96,192[kHz])
FLAC Decoding Format	V1.3.0
DSD64・DSD128 Format	.dff .dsf
JPEG Decoding Format	MSC mode only, MAX:7,680 (H) × 8,192 (W)、MIN:32 (H) × 32 (W) (jpeg, jpg, jpe)
PNG Decoding Format	MSC mode only, MAX:576 (H) × 720 (W)、MIN:32 (H) × 32 (W)
BMP Decoding Format	MSC mode only, MAX:936 (H) × 1,920 (W)、MIN:32 (H) × 32 (W)
H.264 Decoding Format	Base Line Profile、Main Profile、High Profile
H.263 Decoding Format	Base Line Profile 0/3
VC-1 Video Decoding Format	Simple Profile、Main Profile、Advanced Profile
DivX	Home theater
MPEG4 Decoding Format	Simple Profile、Advanced Simple Profile
MPEG2 Decoding Format	Main Profile
■Amplifier and common parts	
Monitor screen	9-inch large-screen WSVGA (1024 × 600)
AV Input	Rear: φ3.5 mini × 1 system
USB input	Rear: × 1 system
Back camera input	1 system
Audio Output (RCA)	1 system × front, 1 system × rear, 1 system × subwoofer
Maximum power output	50 W × 4 ch
Mounting dimensions (floating type)	178 (W) mm × 50 (H) mm × 153 (D) mm
Mounting dimensions (in-dash type)	178(W) mm × 50(H) mm × 131(D)mm
Weight (floating type)	BODY:0.99kg MONITOR:0.79kg
Weight (in-dash type)	BODY:0.76kg MONITOR:0.75kg

The new SPH-EVO950DAB is available from now, at Pioneer authorised car audio outlets. For further information, please contact your local Pioneer outlet, or visit <http://www.pioneer-car.eu> for a complete overview of the technical specifications.

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