

News Release

23 October 2024

Reporting materials

Product name	Model number	Release period
9.0" WSVGA Capacitive / Apple CarPlay / Android Auto™ / Bluetooth® / USB / DSP Main unit	DMH-AP6650BT	Oct'24



Pioneer Electronics AsiaCentre Pte Ltd, a leader in aftermarket mobile electronics, adds to its extensive line-up of in-dash audio/video receivers, often described as display audio products: the DMH-AP6650BT, featuring an advanced 9-inch large screen display and compatibility with several automotive connectivity solutions including Android Auto™, Apple CarPlay, Bluetooth®, and WebLink®. The DMH-AP6650BT provides advanced usability due to its unique User Interface (UI) with shortcut keys for frequently used functions. Additionally, carefully selected audio parts & thoughtful design to reduce the unnecessary noise realize clear sound for the comfortable driving. Pioneer Display audio product page: <https://pioneercarentertainment.com/products/dmh-ap6650bt/>

【Main features】

1) **Wireless and wired smartphone connectivity with Official certification**

The DMH-AP6650BT features connectivity specifically designed to support a connection between the driver or passenger’s smartphone and the receiver. Pioneer receivers are OFFICIALLY CERTIFIED by their suppliers for the latest smartphone connectivity features. In order to pass their strict standards, Pioneer has carefully selected the components. Pioneer provides more stable and reliable operation, with lower risk of trouble than unapproved models circulating in the market.

- **Apple CarPlay (wireless / wired)** - The DMH-AP6650BT 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.
- **Android Auto (wireless / wired)** - The DMH-AP6650BT 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.

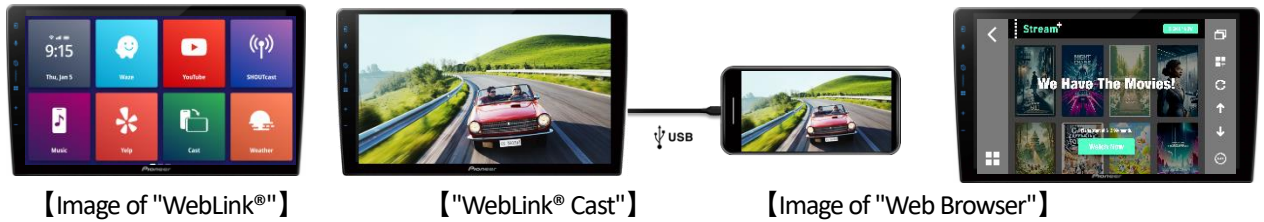


【Apple CarPlay】



【Android Auto】

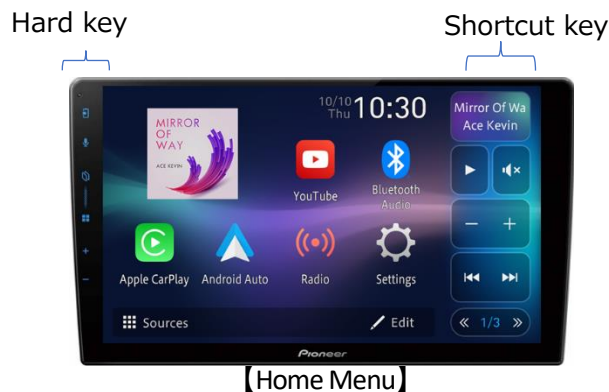
- **Bluetooth Wireless Connectivity** - Built-in Bluetooth wireless connectivity provides convenient hands-free calling and music streaming with compatible Bluetooth enabled devices. Users can pre-register up to 5 smartphones, enabling hands-free calling and/or music to be streamed from any previously paired phones, eliminating the need to pair and unpair devices.
- **WebLink®** - WebLink® enables a compatible smartphone with the WebLink® Host app installed³ to display and control compatible third-party applications from the in-dash receiver touchscreen⁴. WebLink® compatible apps provide services such as navigation (i.e. Waze), entertainment (i.e. YouTube™), Smartphone mirroring (WebLink® Cast), and more⁵. WebLink® enables the DMH-AP6650BT to deliver a modern infotainment, especially for Android phone users, new “Web Browser” feature is just released to enjoy more contents.



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

2) New Interface for Intuitive and Smooth Operation

Frequently used functions such as music play/stop, mute function, equalizer settings, and radio settings can be operated using “Shortcut keys” on the screen, allowing for intuitive and smooth operation. In addition, the electrostatic flat type hard keys are equipped with operation keys that directly access to the Apple CarPlay and Android Auto screens from various operations. You can even display Apple CarPlay and the receiver’s menu at the same time on one screen. Useful when you want to operate the music (i.e. Radio or USB) while looking at the map screen.



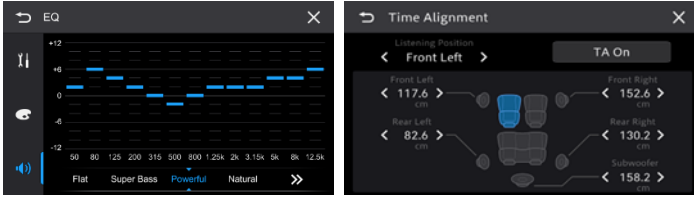
3) Advanced large screen WSVGA resolution touchscreen

Capitalizing on its large 9” WSVGA resolution (1024 × 600) touchscreen, the DMH-AP6650BT supports multiple advanced display modes to improve the usability, visibility, and legibility of the user interface.

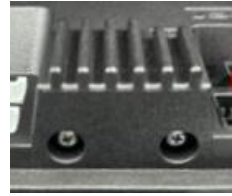


3) Enhanced audio capabilities

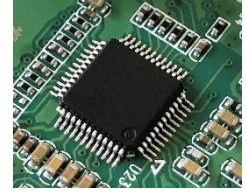
The DMH-AP6650BT features audio enhancements including the 13-band graphic equalizer, which allows finetuning of output across the audible frequency spectrum. Additionally, thoughtful design & careful parts selection realize clear & powerful sound to enrich the users' driving experience.



【Sound setting】



【Heat resistance structure】



【24Bit DSP by AKM】

4) Other connectivity characteristics

The DMH-AP6650BT 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
- Rear seat entertainment monitor video output terminal (RCA)⁶
- RCA preamplifier outputs (front/rear/subwoofer)
- CAN (Controller Area Network) bus equipped_* Needs adapter sold separately.

¹ The compatible smartphone must be connected to the DMH-AP6650BT via USB and Bluetooth simultaneously to enable full WebLink® functionality.

² Certain apps may restrict some functions, such as video and music playback.

³ Smartphone apps available within WebLink® are provided by third parties and are subject to change or discontinuation without notice.

⁴ 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.

⁵ Rear visibility systems (backup cameras) are required under federal regulations in certain new vehicles according to a phase-in schedule that began on May 1, 2016. Owners of vehicles equipped with compliant rear visibility systems should not install or use this product in a way that alters or disables that system's compliance with applicable regulations. If you are unsure whether your vehicle has a rear visibility system subject to these regulations, please contact the vehicle manufacturer or dealer.

⁶ Not all sources can be output to the rear video output.

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Compatible Android phone and compatible active data plan required.

Some features and devices may not be available in all countries. Subject to availability. Some features and availability vary by OEM and/or device manufacturer.

Apple CarPlay and iPhone are trademarks of Apple Inc., registered in the U.S. and other countries and regions.

Use of the Apple CarPlay logo means that a vehicle user interface meets Apple performance standards.

Apple is not responsible for the operation of this vehicle or its compliance with safety and regulatory standards.

Please note that the use of this product with iPhone, iPod, or iPad may affect wireless performance.

Apple CarPlay is not available in all languages and countries. Apple CarPlay operations and functions may vary depending on the iOS device or receiver.

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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)
File System	FAT16、FAT32、NTFS
MP3 Decoding Format	MPEG-1 & MPEG-2 & MPEG-2.5 AUDIO LAYER-3
WMA Decoding Format	Ver 7, 8, 9, 9.1, 9.2 (2ch audio)
AAC Decoding Format	MPEG-4 AAC (Only those encoded with iTunes) (Ver.12.5 or earlier)
WAV Signal Format	Linear-PCM (MSC mode only)
FLAC Decoding Format	Ver1.3.0 (MSC mode only)
JPEG Decoding Format	MSC mode only, MAX : 5,000 (H) × 5,000 (W)、.jpeg、.jpg
PNG Decoding Format	MSC mode only, MAX : 576 (H) × 720 (W)
BMP Decoding Format	MSC mode only, MAX : 936 (H) × 1,920 (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
MPEG4 Decoding Format	Simple Profile、Advanced Simple Profile
MPEG1,2 Decoding Format	Main Profile
■ Amplifier and common parts	
Monitor screen	9-inch large-screen WSVGA
AV Input	Rear: φ3.5 mini ×1 system
USB input	Rear: ×1 system
Camera input	2 system (Rear view camera input & second camera input)
Audio Output (RCA)	1 system × front, 1 system × rear, 1 system × subwoofer
Maximum power output	50 W×4 ch
Mounting dimension	Chassis:188 (W) mm × 108 (H) mm × 37(D) mm Nose:229(W)mm × 131mm(H)mm × 13(D)mm
Weight	BODY : 0.9Kg