



# Wi-Fi CERTIFIED® Certificate

This certificate lists the features that have successfully completed Wi-Fi Alliance interoperability testing. Learn more: [www.wi-fi.org](http://www.wi-fi.org)



**Certification ID: WFA134423**

## Product Info

|                              |  |
|------------------------------|--|
| <b>Date of Certification</b> | January 27, 2025                       |
| <b>Company</b>               | Panasonic Automotive Systems Co., Ltd. |
| <b>Product Name</b>          | Car Audio System                       |
| <b>Product Model Variant</b> | Source                                 |
| <b>Model Number</b>          | CN-SL5CEMAJ                            |
| <b>Category</b>              | Other                                  |
| <b>Sub-category</b>          | In-vehicle Network                     |

## Summary of Certifications

| CLASSIFICATION                | CERTIFICATION  |
|-------------------------------|--|
| <b>Access</b>                 | Wi-Fi Protected Setup™   |
| <b>Alternative topologies</b> | Wi-Fi Direct®  |
| <b>Applications</b>           | Miracast®  |
| <b>Network management</b>     | WMM®<br>WMM®-Power Save  |
| <b>Security</b>               | Protected Management Frames<br>WPA2™-Personal 2021-01<br>WPA3™-Personal 2022-06  |
| <b>Wi-Fi (MAC/PHY)</b>        | 2.4 GHz Spectrum Capabilities<br>5 GHz Spectrum Capabilities<br>Spectrum & Regulatory<br>Wi-Fi CERTIFIED™ a<br>Wi-Fi CERTIFIED™ ac<br>Wi-Fi CERTIFIED™ b<br>Wi-Fi CERTIFIED™ g<br>Wi-Fi CERTIFIED™ n |

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# Wi-Fi CERTIFIED® Certificate

Certification ID: WFA134423



Role: Access Point

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## Wi-Fi Components

### Wi-Fi Component Operating System

Linux 4.14.75

### Wi-Fi Component Firmware

17.68.113.p1

### RF Architecture

| Bands Supported | Transmit (Tx) | Receive (Rx) |
|-----------------|---------------|--------------|
| 2.4 GHz         | 1             | 1            |
| 5 GHz           | 2             | 2            |

## Certifications

### 2.4 GHz Spectrum Capabilities

20 MHz Channel Width in 2.4 GHz

### 5 GHz Spectrum Capabilities

20 MHz Channel Width in 5 GHz  
40 MHz Channel Width in 5 GHz  
80 MHz Channel Width in 5 GHz

### Protected Management Frames

### Spectrum & Regulatory

802.11d

### WMM®

### WMM®-Power Save

Legacy Power Save  
Unschedule auto PS

### WPA2™-Personal 2021-01

### WPA3™-Personal 2022-06

### Wi-Fi CERTIFIED™ a

### Wi-Fi CERTIFIED™ ac

A-MPDU with A-MSDU  
LDPC Rx  
LDPC Tx  
MCS 8-9 Rx  
Short Guard Interval  
STBC  
SU beamformer

### Wi-Fi CERTIFIED™ b

### Wi-Fi CERTIFIED™ g

### Wi-Fi CERTIFIED™ n

A-MPDU Tx  
HT Duplicate Mode  
OBSS on Extension Channel  
Short Guard Interval  
STBC

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# Wi-Fi CERTIFIED® Certificate

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Role: Access Point

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## Wi-Fi Protected Setup™

PIN

Pushbutton

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# Wi-Fi CERTIFIED® Certificate

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Role: Station

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## Wi-Fi Components

### Wi-Fi Component Operating System

Linux 4.14.75

### Wi-Fi Component Firmware

17.68.113.p1

### RF Architecture

| Bands Supported | Transmit (Tx) | Receive (Rx) |
|-----------------|---------------|--------------|
| 2.4 GHz         | 1             | 1            |
| 5 GHz           | 2             | 2            |

## Certifications

### 2.4 GHz Spectrum Capabilities

20 MHz Channel Width in 2.4 GHz

### 5 GHz Spectrum Capabilities

20 MHz Channel Width in 5 GHz

40 MHz Channel Width in 5 GHz

80 MHz Channel Width in 5 GHz

### Protected Management Frames

### WMM®

### WMM®-Power Save

Legacy Power Save

Unschedule auto PS

### WPA2™-Personal 2021-01

### WPA3™-Personal 2022-06

### Wi-Fi CERTIFIED™ a

### Wi-Fi CERTIFIED™ ac

A-MPDU with A-MSDU

LDPC Rx

MCS 8-9 Rx

Short Guard Interval

STBC

LDPC Tx

SU beamformee

### Wi-Fi CERTIFIED™ b

### Wi-Fi CERTIFIED™ g

### Wi-Fi CERTIFIED™ n

A-MPDU Tx

HT Duplicate Mode

OBSS on Extension Channel

Power Management

Short Guard Interval

STBC

### Wi-Fi Direct®

### Wi-Fi Protected Setup™

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# Wi-Fi CERTIFIED® Certificate

Certification ID: WFA134423



Role: Station

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## Wi-Fi Protected Setup™ (continued)

PIN

Pushbutton

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# Wi-Fi CERTIFIED® Certificate

Certification ID: WFA134423



Role: Display

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## Wi-Fi Components

### Wi-Fi Component Operating System

Linux 4.14.75

### Wi-Fi Component Firmware

17.68.113.p1

### RF Architecture

| Bands Supported | Transmit (Tx) | Receive (Rx) |
|-----------------|---------------|--------------|
| 2.4 GHz         | 1             | 1            |
| 5 GHz           | 2             | 2            |

## Certifications

### Miracast®

HDCP Encryption

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