



This certificate lists the features that have successfully completed Wi-Fi Alliance interoperability testing. Learn more: www.wi-fi.org/certification/programs

## Certification ID: WFA132472

## **Product Info**

Date of Certification	September 5, 2024
Company	Panasonic Automotive Systems Co., Ltd.
Product Name	Car Audio System
Product Model Variant	Source (Updated WPA3R3+WPA2)
Model Number	CN-STAFEAAJ
Category	Other
Sub-category	In-vehicle Network

## **Summary of Certifications**

CLASSIFICATION	CERTIFICATION
Access	Wi-Fi Protected Setup™
Applications & Services	Miracast®
Connectivity	2.4 GHz Spectrum Capabilities 5 GHz Spectrum Capabilities Wi-Fi CERTIFIED <sup>™</sup> a Wi-Fi CERTIFIED <sup>™</sup> ac Wi-Fi CERTIFIED <sup>™</sup> b Wi-Fi CERTIFIED <sup>™</sup> g Wi-Fi CERTIFIED <sup>™</sup> n Wi-Fi Direct®
Optimization	WMM® WMM®-Power Save
Security	Protected Management Frames WPA2™-Personal 2021-01 WPA3™-Personal 2022-06
Spectrum & Regulatory Features	Spectrum & Regulatory



**Certification ID: WFA132472** 



## **Role: Access Point**

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Wi-Fi Components			
Wi-Fi Component Operating System	RF Architecture		
Linux 4.14.75	Bands Supported	Transmit (Tx)	Receive (Rx)
Wi-Fi Component Firmware	2.4 GHz	1	1
17.68.1.p136	5 GHz	2	2

#### Certifications

2.4 GHz Spectrum Capabilities	WPA3™-Personal 2022-06
20 MHz Channel Width in 2.4 GHz	Wi-Fi CERTIFIED™ a
5 GHz Spectrum Capabilities	Wi-Fi CERTIFIED™ ac
20 MHz Channel Width in 5 GHz 40 MHz Channel Width in 5 GHz 80 MHz Channel Width in 5 GHz	A-MPDU with A-MSDU LDPC Rx LDPC Tx MCS 8-9 Rx Short Guard Interval
Protected Management Frames	STBC SU beamformer
Spectrum & Regulatory	
802.11d	Wi-Fi CERTIFIED™ b
	Wi-Fi CERTIFIED™ g
WMM®	Wi-Fi CERTIFIED™ n
WMM®-Power Save	A-MPDU Tx
Legacy Power Save Unschedule auto PS	HT Duplicate Mode OBSS on Extension Channel Short Guard Interval
WPA2™-Personal 2021-01	STBC

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### **Role: Access Point**

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#### Wi-Fi Protected Setup™

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## **Certification ID: WFA132472**



## **Role: Station**

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# Wi-Fi ComponentsRF ArchitectureLinux 4.14.75Bands SupportedTransmit (Tx)Receive (Rx)Wi-Fi Component Firmware<br/>17.68.1.p1362.4 GHz115 GHz22

#### Certifications

2.4 GHz Spectrum Capabilities	Wi-Fi CERTIFIED™ ac
20 MHz Channel Width in 2.4 GHz	A-MPDU with A-MSDU LDPC Rx
<b>5 GHz Spectrum Capabilities</b> 20 MHz Channel Width in 5 GHz 40 MHz Channel Width in 5 GHz 80 MHz Channel Width in 5 GHz	MCS 8-9 Rx Short Guard Interval STBC LDPC Tx SU beamformee
Protected Management Frames	Wi-Fi CERTIFIED™ b
WMM®	Wi-Fi CERTIFIED™ g
WMM®-Power Save	Wi-Fi CERTIFIED™ n
WMM®-Power Save Legacy Power Save Unschedule auto PS	A-MPDU Tx HT Duplicate Mode OBSS on Extension Channel
Legacy Power Save	A-MPDU Tx HT Duplicate Mode OBSS on Extension Channel Power Management Short Guard Interval
Legacy Power Save Unschedule auto PS	A-MPDU Tx HT Duplicate Mode OBSS on Extension Channel Power Management
Legacy Power Save Unschedule auto PS WPA2 <sup>™</sup> -Personal 2021-01	A-MPDU Tx HT Duplicate Mode OBSS on Extension Channel Power Management Short Guard Interval

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## **Role: Station**

#### <u>Wi-Fi Protected Setup</u><sup>™</sup> (continued)

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## **Certification ID: WFA132472**



## Role: Display

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Wi-Fi Components			
Wi-Fi Component Operating System	<b>RF Architecture</b>		
Linux 4.14.75	Bands Supported	Transmit (Tx)	Receive (Rx)
Wi-Fi Component Firmware 17.68.1.p136	2.4 GHz	1	1
17.00.1.0130	5 GHz	2	2

#### Certifications

#### Miracast®

HDCP Encryption

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