



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

#### **Certification ID: WFA134601**

#### **Product Info**

**Date of Certification** February 4, 2025

**Company** Panasonic Automotive Systems Co., Ltd.

Product Name Car Audio System

**Product Model Variant** Source

Model Number CV-RLFCA0AJ

**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™ a Wi-Fi CERTIFIED™ ac Wi-Fi CERTIFIED™ b Wi-Fi CERTIFIED™ g Wi-Fi CERTIFIED™ n

Wi-Fi Direct®

**Optimization** WMM®

WMM®-Power Save

**Security** Protected Management Frames

WPA2<sup>™</sup>-Personal 2021-01 WPA3<sup>™</sup>-Personal 2022-06

Spectrum & Regulatory

**Features** 

Spectrum & Regulatory



**Certification ID: WFA134601** 



Role: Access Point Page 2 of 6

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

5 GHz 2 2

**Certifications** 

2.4 GHz Spectrum Capabilities

20 MHz Channel Width in 2.4 GHz

Wi-Fi CERTIFIED™ a

WPA3™-Personal 2022-06

**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

Wi-Fi CERTIFIED™ ac

A-MPDU with A-MSDU

LDPC Rx

LDPC Tx

MCS 8-9 Rx

Short Guard Interval

STBC

SU beamformer

Spectrum & Regulatory

**Protected Management Frames** 

802.11d

Wi-Fi CERTIFIED™ b

**WMM®** 

WMM®-Power Save

Legacy Power Save Unschedule auto PS

WPA2™-Personal 2021-01

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

A-MPDU Tx

HT Duplicate Mode

**OBSS** on Extension Channel

Short Guard Interval

STBC





**Certification ID: WFA134601** 

Role: Access Point
Wi-Fi Protected Setup™
PIN
Pushbutton



**Certification ID: WFA134601** 



Role: Station Page 4 of 6
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

Wi-Fi CERTIFIED™ ac

A-MPDU with A-MSDU

LDPC Rx

MCS 8-9 Rx

Short Guard Interval

STBC

LDPC Tx

SU beamformee

**Protected Management Frames** 

**WMM®** 

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ b

WMM®-Power Save

Legacy Power Save

Unschedule auto PS

WPA2™-Personal 2021-01

WPA3™-Personal 2022-06

Wi-Fi CERTIFIED™ a

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™





**Certification ID: WFA134601** 

Role: Station	Page 5 o
Wi-Fi Protected Setup™ (continued)	
PIN	
Pushbutton	





**Certification ID: WFA134601** 

Role: Display Page 6 of		age 6 of 6		
Wi-Fi Components				
Wi-Fi Component Operating System	RF Architecture			
Linux 4.14.75  Wi-Fi Component Firmware  17.68.113.p1	Bands Supported	Transmit (Tx)	Receive (Rx)	
	2.4 GHz	1	1	
	5 GHz	2	2	
Certifications  Miracast®  HDCP Encryption				