Wi-Fi CERTIFIED™ Certificate

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

Certification ID: WFA128301

Product Info

Date of Certification	October 4, 2023
Company	Panasonic Automotive Systems Co., Ltd.
Product Name	Car Audio System
Product Model Variant	2023-10-06
Model Number	CL-MH1EXETT
Category	Other
Sub-category	In-vehicle Network

Summary of Certifications

CLASSIFICATION	CERTIFICATION
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
Optimization	WMM®
Security	Protected Management Frames WPA2™-Personal 2018-04 WPA3™-Personal 2022-06
Spectrum & Regulatory Features	Spectrum & Regulatory

Wi-Fi Components

Wi-Fi Component Operating System

Android, version:8.0

Wi-Fi Component Firmware

4.5.1.248.0

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
802.11h

WMM®

WPA2™-Personal 2018-04

WPA3™-Personal 2022-06

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ ac

A-MPDU with A-MSDU
Extended 5 GHz Channel Support
LDPC Rx
LDPC Tx
MCS 8-9 Rx
RTS with BW Signaling
Short Guard Interval
STBC

Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

A-MPDU Tx
OBSS on Extension Channel
RIFS
Short Guard Interval
STBC

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Protected Management Frames

Spectrum & Regulatory

802.11h

WMM®

WPA2™-Personal 2018-04

WPA3™-Personal 2022-06

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ ac

Extended 5 GHz Channel Support
RTS with BW Signaling
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
OBSS on Extension Channel
RIFS
Power Management
Short Guard Interval
STBC