

Car AVN User Manual

Model Name : LAN5900WR

1. Overview and Specifications

(1) Overview

- 1) The Infotainment system provides infotainment in a car, using the latest technology. See your dealer to have the system or software updated and upgraded.
- 2) The radio can be easily used by registering up to 25 FM or AM with the PRESET button[1 to 5] per every 5 pages.
- 3) The Infotainment system can play the USB storage device or iPod/iPhone products.
- 4) The Bluetooth phone connection function allows for the use of wireless hands-free Phone calls, as well as a phone music player.
In addition, the WiFi function is provided.
- 5) Connect a portable music player to the auxiliary sound input to enjoy the rich sound of the Infotainment system.

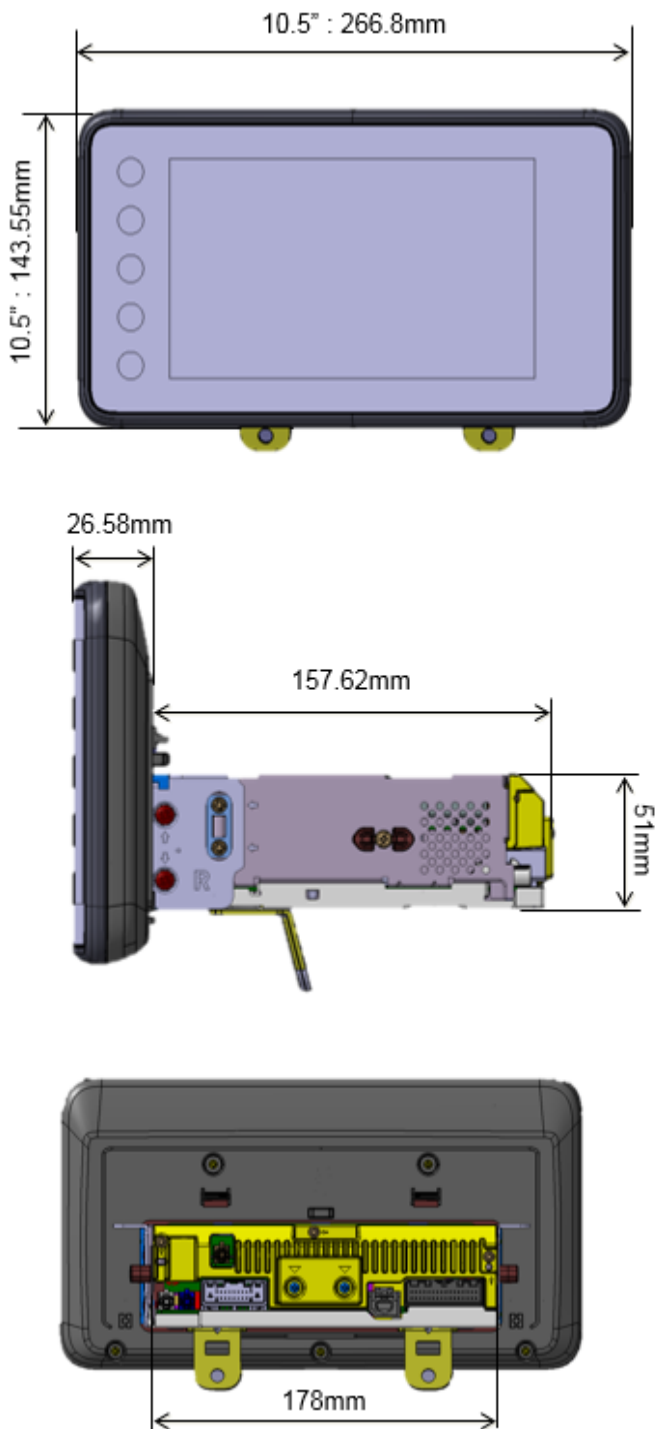
(2) Specifications

*Product

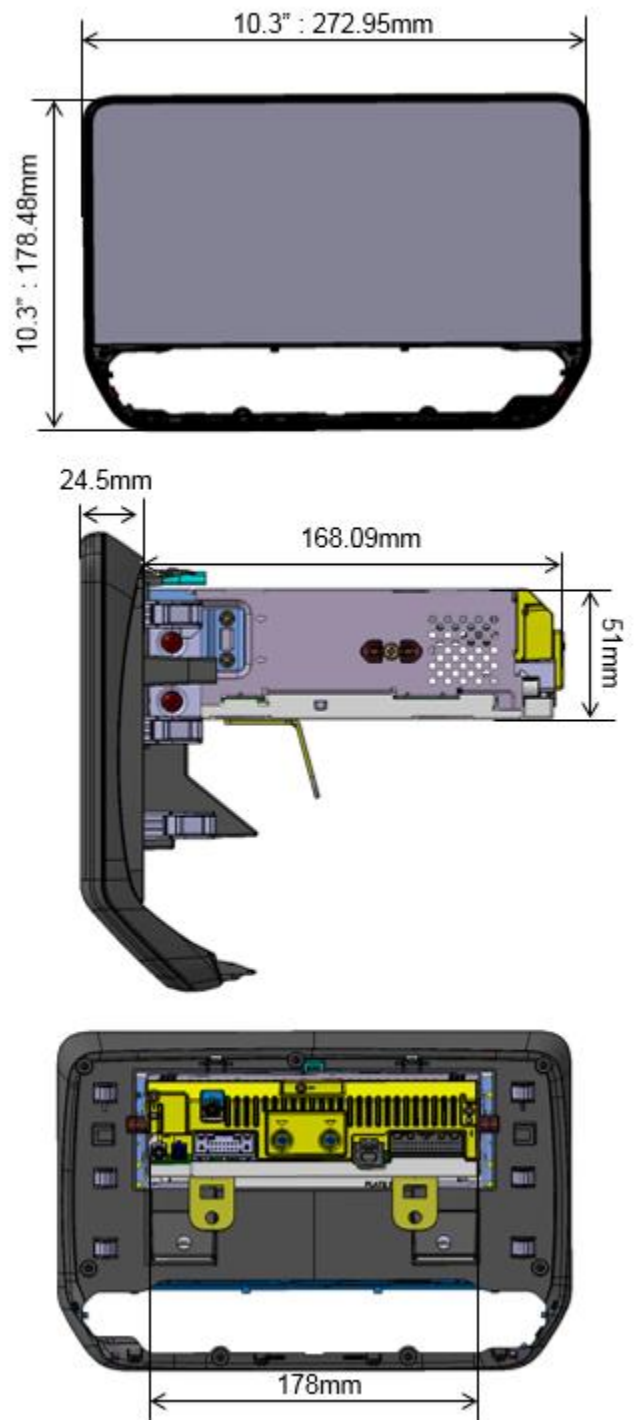
Item	Categories	Specifications
Specification	Product Name	RADIO-CAR
	Model	LAN5900WR
	Dimensions	Refer to image
	Weight	DAB(X): 1.5±0.15kg DAB(O): 1.6±0.16kg
	Power source	DC 12V
	Operational temperature range	-30 °C ~ 85 °C

< Basic Design Concept >

X52



PY1B



***RF specifications**

[BT]

Item	RBHD-B207F (BT/Wifi combo)	Unit
Frequency	2402 ~ 2480	MHz
Modulation Type	GFSK, $\pi/4$ DQPSK, 8 DPSK	
BT Power	BDR : 0 dBm (-2 ~ 2dBm) EDR : -4 dBm (-6 ~ -2dBm)	dBm
Data rate	1 ~ 3	Mbps
Channel spacing	1	MHz
BT version	BT4.2	MHz

[Wi-Fi]

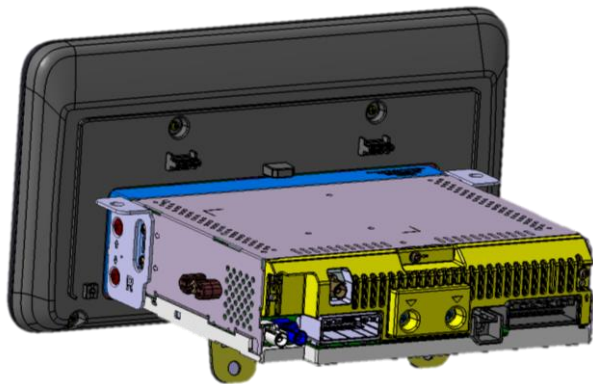
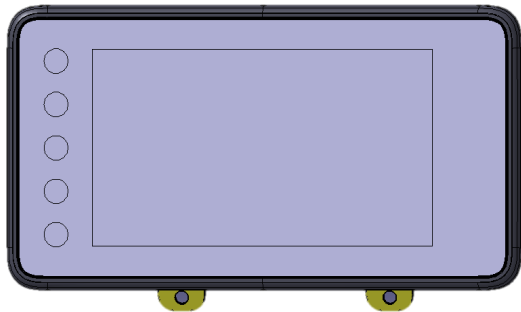
Item				Specifications	Unit
Standard				IEEE 802.11 a/b/g/n/ac	
Frequency	2.4G			2412 ~ 2462	MHz
	5G			5180-5240, 5745-5825	MHz
Bandwidth				20 / 40 / 80	MHz
Data rate	2.4G	802.11 b	20M	1, 2, 5.5, 11	Mbps
		802.11 g	20M	6, 9, 12, 18, 24, 36, 48, 54	Mbps
		802.11 n	20M	7.2, 14.4, 21.7, 28.9, 43.3, 57.8, 65, 72.2	Mbps
	5G	802.11 a	20M	6,9,12,18,24,36,48,54	Mbps
		802.11 n	20M	7.2, 14.4, 21.7, 28.9, 43.3, 57.8, 65, 72.2	Mbps
		802.11 n	40M	15, 30, 45, 60, 90, 120, 135, 150	Mbps
		802.11 ac	20M	7.2, 14.4, 21.7, 28.9, 43.3, 57.8, 65, 72.2, 86.7	Mbps
		802.11 ac	40M	15, 30, 45, 60, 90, 120, 135, 150, 180, 200	Mbps
		802.11 ac	80M	32.5, 65, 97.5, 130, 195, 260, 292.5, 325, 390, 433.3	Mbps
Modulation				DSSS, BPSK, 16-QAM, 64-QAM, 256-QAM	
Mode				AP	

[Wi-Fi power setting]

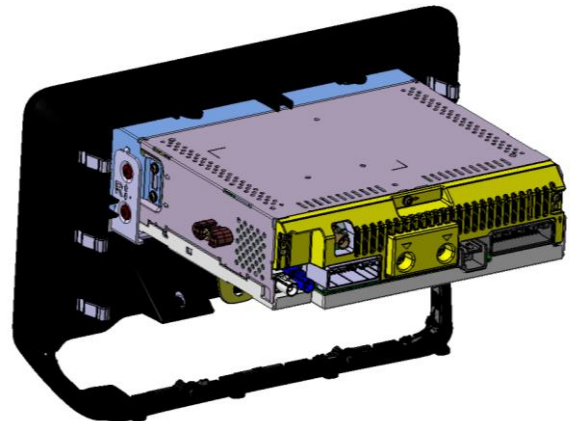
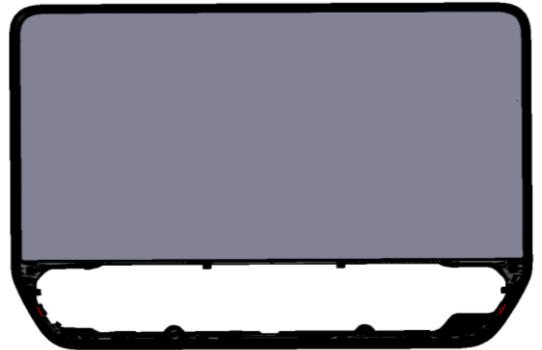
Item			Specifications	Unit
Power Setting	2.4 GHz	802.11b	16	dBm
		802.11g	12	
		802.11n_HT20	12	
	5 GHz	802.11a	12	
		802.11n_HT20	12	
		802.11n_HT40	12	
		802.11ac_VHT20	8	
		802.11ac_VHT40	8	
		802.11ac_VHT80	8	

2. Component

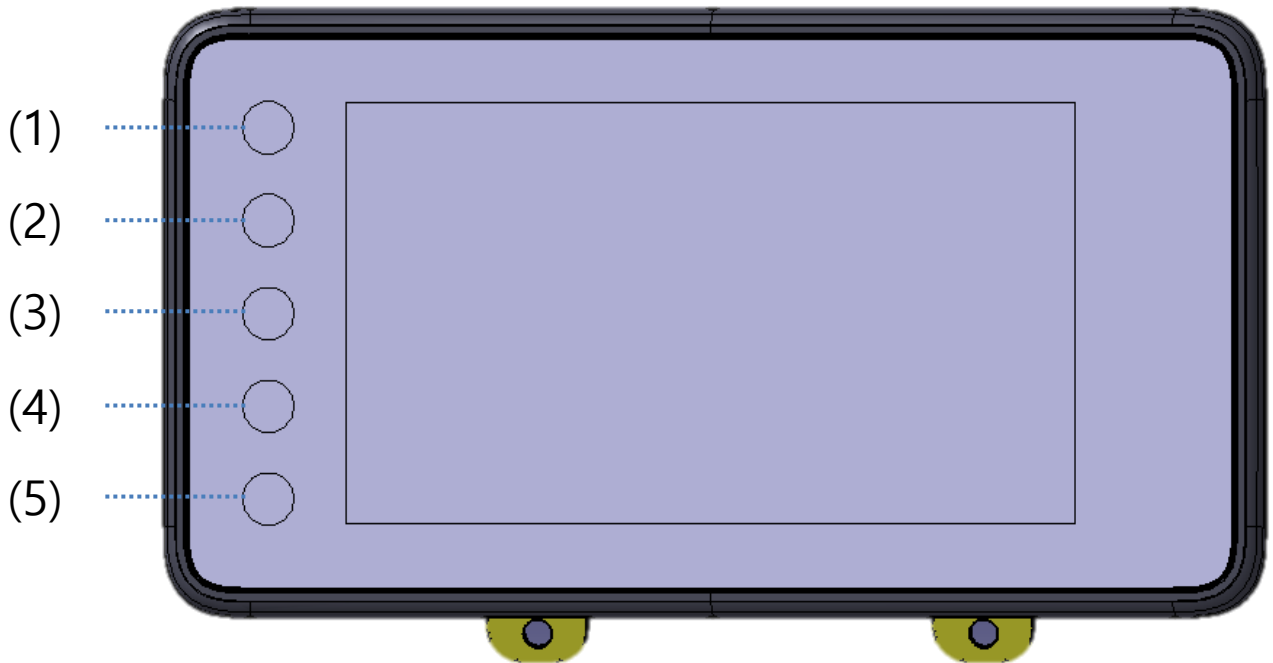
X52



PY1B



3. Operation



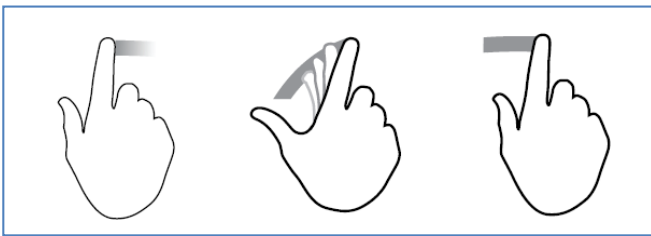
Item (#No.)	Descriptions
(1) POWER button	Press and hold(5sec) this button to turn the power on/off.
(2) Volume up	Press this button to increase volume.
(3) Volume down	Press this button to decrease volume.
(4) HOME buttorn	Press this button to go home menu.
(5) Vehicle setting (for X52)	Rotate the Volume knob to adjust the volume.
(5) AVM (for PY1B)	Press this button to turn on AVM(Around View Monitor)

(8) Touch Gestures

*Touch

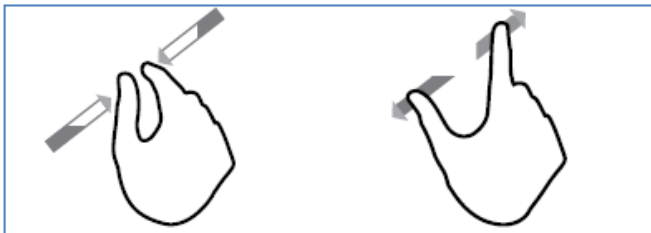


*Fling/Swipe



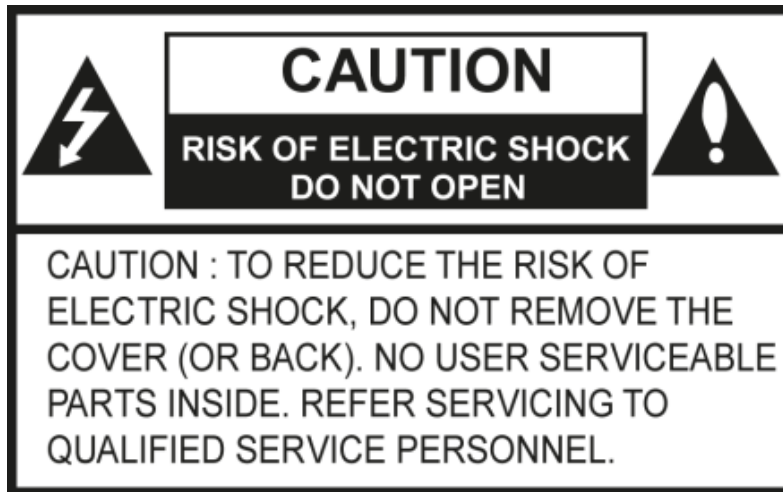
** Only supported for
Android Auto and
Apple Carplay*

*Pinch & Spread



** Only supported for
Android Auto*

4. Precautions



- 1) Always operate the vehicle in a safe manner. Do not become distracted by the vehicle while driving and always be fully aware of all driving conditions. Do not change settings or any functions. Pull over in a safe and legal manner before attempting such operations. To promote safety, certain functions are disabled unless the parking brake is on.
- 2) To reduce the risk of electric shock, do not remove the cover or back of this product. There are no user-serviceable parts inside. Refer servicing to qualified service personnel.
- 3) To reduce the risk of fire or electric shock, do not expose this product to dripping or splashing water, rain, or moisture.
- 4) When driving your vehicle, be sure to keep the volume of the unit low enough to allow you to hear sounds coming from the outside.
- 5) Do not drop it and avoid heavy impacts at anytime.
- 6) The driver should not watch the monitor while driving. If the driver watches the monitor while driving, it may lead to carelessness and cause an accident.

<FCC Statement>

FCC part 15.21 statement

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. This device must not be co-located or operating in conjunction with any other antenna or transmitter.

RF exposure statement (MPE)

The antenna(s) must be installed such that a minimum separation distance of at least 20 cm is maintained between the radiator (antenna) and all persons at all times.