



Kruger Matz KM2010 Car Play Android Auto Owner's Manual

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Kruger&Matz

IT'S YOUR LIFE
JUST TAKE IT
KM2010 Car radio
OWNER'S MANUAL

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SAFETY INSTRUCTIONS

Installation precautions

- This unit is designed to operate on 9 – 16 V DC power supply. If your vehicle does not have this system, a voltage inverter is required. The device also requires connecting to negative of the car.
- Choose the mounting location where the unit will not interfere with the normal driving function of the driver. Install the unit where it does not get in the driver's way and cannot injure the passenger if there is a sudden stop. DO NOT install the unit or any cable in a location where:
 - it may obstruct the steering wheel and gearshift lever operations,
 - it may obstruct the operation of safety devices such as air bags
 - it may obstruct visibility

- there is not enough ventilation provided
- Avoid installing the unit where it would be subject to high temperature, such as from direct sunlight, hot air, or a heater, or where it would be subject to dust, dirt or excessive vibration. Do not expose this equipment to rain or moisture nor use near strong magnetic fields. Do not handle this appliance with wet hands.
- Make sure all the connections are executed in a proper manner. Reversed connection will cause short circuit and damage.
- Before finally installing the unit, connect the wiring temporarily and make sure it is all connected up properly and the unit and the system work properly.
- If the fuse blows, check the power connection and replace the fuse with one of the same specified rating. If the fuse blows frequently, consult an authorized service point for check-up/repair.
- To prevent short circuits, cover the terminals of the UNUSED leads with insulating tape.
- Make sure that the ignition is off before connecting the device.
- Make sure to connect the yellow and red power supply cables after all other cables are already connected.
- The heat sink becomes hot after use. Be careful not to touch it when removing this unit.
- At the time of installation, be sure to fix all wires (wires both from this unit and from the car itself) in a way that any wires cannot come into contact with heat sinks on the rear and side of the unit.
- Installation illustrations show a typical installation. However, you should make adjustments corresponding to your specific car. If you have any questions or require information regarding installation kits, consult your car dealer.
- If you are not sure how to install this unit correctly, have it installed by a qualified technician. Producer does not claim liability of incorrect mounting/installation nor for inappropriate handling and use disregarding this user's manual.
- When mounting the unit, be sure to use the screws provided, as instructed. If other screws are used, parts could become loose or damaged. Use only the parts included with the unit to ensure proper installation. The use of unauthorized parts can cause malfunctions.
- When tightening screws or bolts, be careful not to pinch any connection cord.
- Make sure not to block the ventilation outlets.
- DO NOT connect the speaker leads of the power cord to the car battery; otherwise, the unit will be seriously damaged.
- BEFORE connecting the speaker leads, check the speaker wiring in your car.
- Do not remove the housing/disassemble the device. The device has no user- serviceable parts inside.
- In case of damage, contact an authorized service point for check-up/repair.
- If the vehicle has been parked for a long time in hot or cold environment, wait until the temperature in the vehicle becomes normal before operating the unit. .

Safety instructions

- DO NOT operate this device while driving, as this may lead to a traffic accident.
- Stop the car before performing any operations! Do not perform any activities that may distract from cautious driving, such as managing playlist.
- Do not raise the volume level too much, as this will block outside sounds, making driving dangerous.
- Clean with soft, slightly damp cloth only.

Hearing safety

- Listen at a moderate volume. Sound can be deceiving. Over time your hearing “comfort level” adapts to higher volumes of sound. So after prolonged listening, what sounds “normal” can actually be loud and harmful to your hearing.

To guard against this, set your volume to a safe level before your hearing adapts and leave it there.

- Listen for reasonable periods of time:
 - Prolonged exposure to sound, even at normally “safe” levels, can also cause hearing loss.
 - Be sure to use your equipment reasonably and take appropriate breaks.

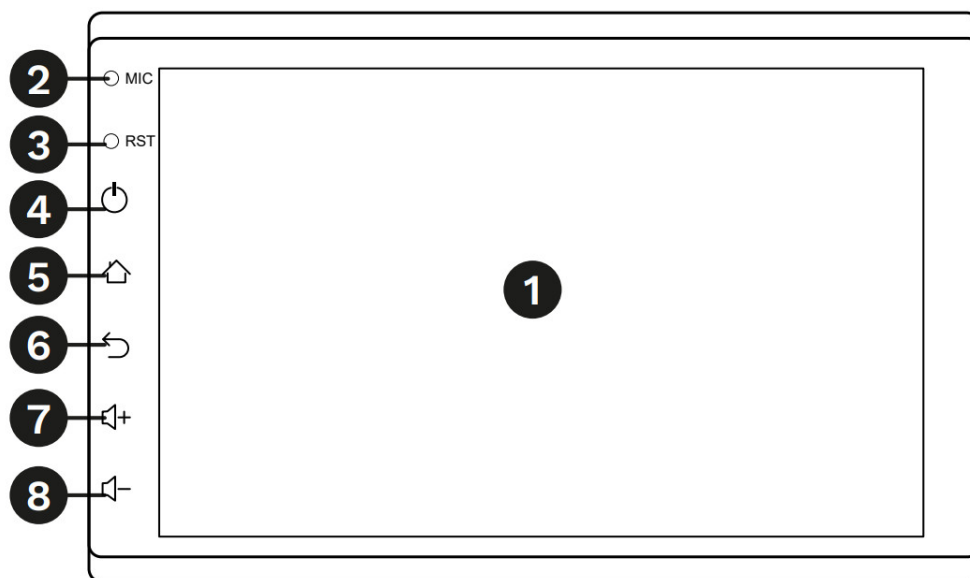
Notes on external memory

- Do not store memory drive inside the vehicle where it will be exposed to direct sunlight, high temperatures, high humidity or corrosive substances.
- Make sure the connected USB drive does not obstruct unhindered vehicle driving.
- Memory drive may not function properly in extremely high/ low temperature environments.
- The producer does not guarantee capability with every external memory.
- Files protected against copying (copyright protection) may not be played.
- In some cases, start of the playback may be delayed, but does not constitute of any malfunction or damage.
- Producer does not claim any liability for any data loss.
- Do not unplug external memory while playback. Change the sound source before disconnecting the memory drive from this device.

PRODUCT DESCRIPTION

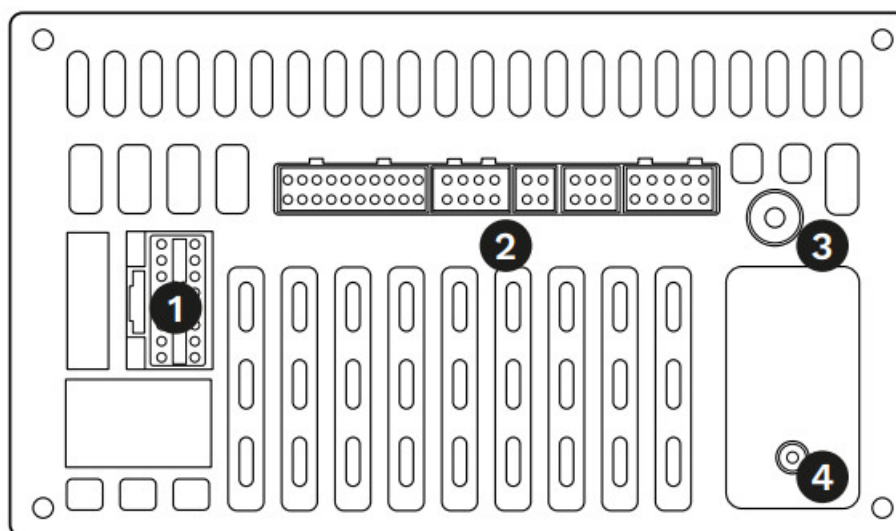
Front

1. Display
2. Internal microphone
3. Reset button (to press it, insert a thin object, ex. a paper clip)
4. Power/mute button
5. Main menu button
6. Back button
7. Increase volume button
8. Decrease volume button



Rear

1. Power connector socket
2. Accessories sockets
3. Antenna input
4. GPS antenna input

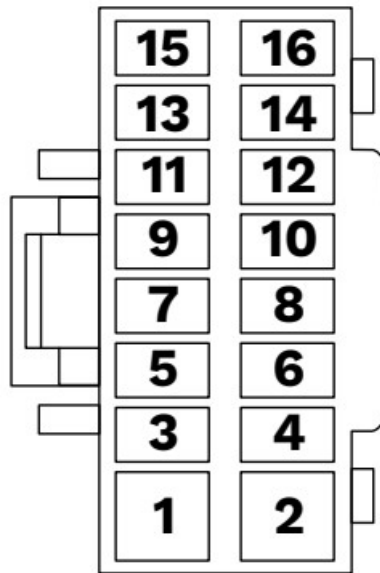


CONNECTION

Power connector

1. GND: grounding
2. B+: 12 V power supply
3. ACC: 12 V after ignition
4. ILL: backlight wire
5. Rear view camera (BACK)
6. KEY2: steering wheel control
7. KEY1: steering wheel control
8. ANT. POWER: antenna power

9. FR-: front right speaker
10. RL-: rear left speaker
11. FR+: front right speaker +
12. RL+: rear left speaker +
13. FL-: front left speaker
14. RR+: rear right speaker +
15. FL+: front left speaker +
16. RR-: rear right speaker -



Accessories connector

- AUX IN R: right AUX input
- AUX IN L: left AUX input
- AUDIO OUT R: right audio output
- AUDIO OUT L: left audio output
- VIDEO OUT: video output
- CVBS-IN-1: video input 1
- VIDEO IN: video input 2
- SUB-OUT: subwoofer output
- MIC: microphone input
- AMP CON- amplifier control

Reversing camera

If the car has properly connected reversing camera, in order for it to work properly, connect a cable going from reversing light (or other source of 12 V to trigger the view to appear on the screen) to the wire marked “12 V” in the reversing camera connector.

Connecting AUX socket

Connect the cable with AUX socket (sold separately) to the AUX IN R and AUX IN L plugs.

Mounting the frame

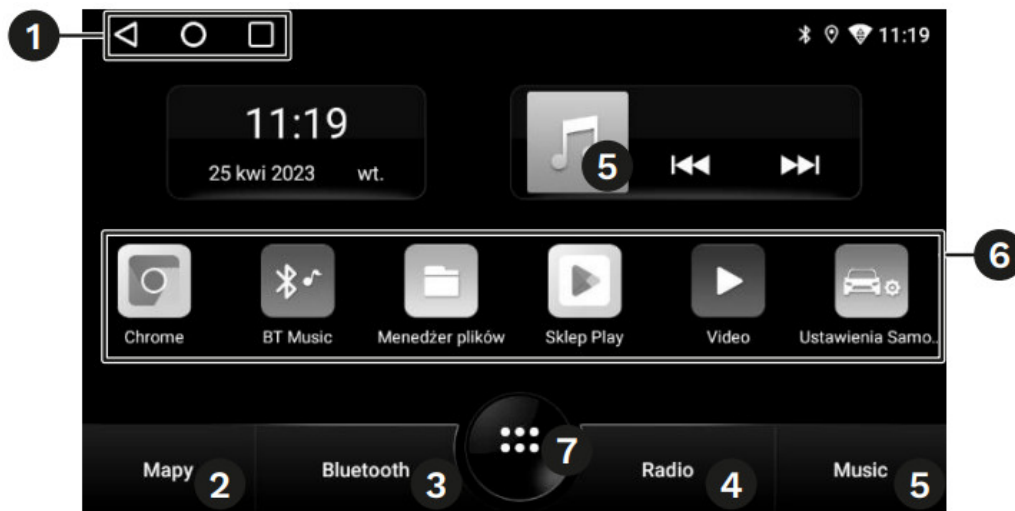
Before inserting the radio into the slot in your car, make sure to mount the frame that is suitable for the model of your car (frames are sold separately).

OPERATION


Main menu






1. Function buttons
2. Shortcut to navigation app
3. Phone pairing menu
4. Shortcut to radio app

5. Music player
6. Shortcuts (to edit shortcuts, press and hold the shortcut, then select an app from the list)
7. Apps list



Phone menu






1. Turn on the Bluetooth function on your phone and make sure that it is visible to other devices.
2. In the Phone menu of the radio, press the magnifying glass icon , to search for Bluetooth devices nearby.
3. Select your phone from the list.
4. The radio will start pairing with the phone. If necessary, input the PIN code 0000.
5. After successful connection you can manage calls and get access to contacts list from the radio.

-  Calls list
-  Contacts list (after first connection press the Refresh button to synchronize the list)
-  Dialer
-  Connection manager
-  Connection settings

Android Auto / Car Play

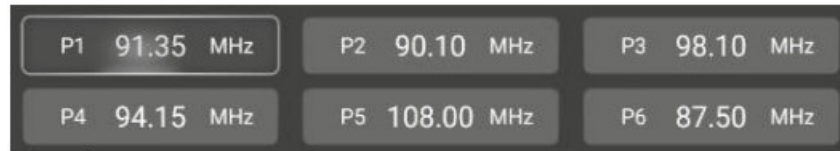
After connecting the phone to the radio with the USB cable, the Android Auto /Car Play app will start automatically (if your phone supports this function). If Android Auto does not start automatically, start the ZLINK5 app.







Music player

-  Repeating mode (all, one track, random play)
-  Previous track / Next track
-  Play / pause
-  Browsing the folders.
-  Equalizer

Radio

- Saved stations list (to save the frequency, press and hold the save slot for the station).



-   Change the frequency by 0,05 MHz
- ST: stereo/mono
- DX/LOC: adjust the sensitivity of station searching
- RDS: program types and setting TA/AF modes
-  Equalizer settings
-  Previous/next station
-  Band change (FM1/FM2/FM3/AM1/AM2- each band can have separate set of saved stations)
-  Automatic station search (press and hold)

SPECIFICATION

System and main parameters Operating system: Android 12 CPU: ARM Cortex A53, Quad Core Chipset: MTK 8163 GPU: Mali-T720 MP2 CPU frequency: 4x 1,3 GHz RAM: 2 GB Internal memory: 32 GB	Communication GPS Wi-Fi: 802.11 a/b/g/n Bluetooth 4.0 Phone call management: Yes Phonebook synchronization: Yes Audio streaming: Yes
Main features Size: 2 DIN Supported formats Audio: MP3, WMA, AAC, RM, FLAC Video: H.264, H.263, VC1, RV, RMVB, DivX Picture: JPG, BMP, JPEG, GIF, PNG Android Auto / Car Play: Yes Equalizer: Pop/Rock/Classic/Jazz/User Steering wheel control: Yes (analogue) Microphone: Yes Parking lines: Yes Keys backlight: RGB	I/O GPS antenna input Radio antenna input 4x Output sockets (2x USB, reversing camera, AUX) Technical parameters Max. power: 4 x 45 W RMS power: 4 x 35 W SNR: 60 dB Channel separation: >30 dB Power supply: 9 – 16 V Load impedance: 4 Ohm Fuse: <10 A Mounting depth: 5 cm
Radio tuner FM frequency range: 87,5 – 108 MHz FM preset memory: 18 RDS: Yes (AF/TA/PTY) Frequency search: automatic / manual Stereo separation: >54 dB	In set Main unit ISO plug External GPS antenna (cable length 2 m) Reversing camera plug RCA plug 2x USB plug Mounting holder with screws
Display Size: 7" Resolution: 1024 x 600 px Aspect ratio: 16:9 Touchscreen: Capacitive, 5-point Display brightness: Adjustable	Environmental Operating temperature: -20°C – 70°C Operating humidity: <80%

Radio	Frequency	Max. output power
Bluetooth	2400-2483.5 MHz	8 dBm
Wi-Fi	2400-2483.5 MHz	18.5 dBm

Lechpol Electronics Leszek Sp.k. hereby declares that radio KM2010 is consistent with directive 2014/53/UE. Full text of the EU Declaration of Conformity is available at following Internet address: www.lechpol.pl.



Correct Disposal of This Product
(Waste Electrical & Electronic Equipment)



(Applicable in the European Union and other European countries with separate collection systems) This marking shown on the product or its literature, indicates that it should not be disposed with other household wastes at the

end of its working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources. Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling. Business users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes for disposal.

Made in China for Lechpol Electronics Leszek Sp.k.,ul. Garwolińska 1, 08-400 Miętne.




<http://www.krugermatz.com/>

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Documents / Resources

	<p>Kruger Matz KM2010 Car Play Android Auto [pdf] Owner's Manual KM2010 Car Play Android Auto, KM2010, Car Play Android Auto, Play Android Auto, Android A uto, Auto</p>
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References

- [Lechpol Electronics Leszek - producent i dystrybutor produktów elektronicznych!](#)