

XM-CDB623

Thank you for purchasing one of our XOMAX products! We appreciate your confidence. Enjoy your brand new multimedia unit!



Please read the following manual carefully before you install and use the unit. Please save this manual in case you will need to clarify further possible questions regarding installation and usage of our product.

We are constantly trying to keep our online-library of user's manuals for our products up-to-date. In case you miss some information or if something should be unclear, please visit our homepage www.xomax.de/download for a current version of user's manual or contact our customer service.

Please note: Any alterations and changes of technical data or/and design due to technical update of some models need no advertisement.



We appreciate our environment, so to keep it safe and clean, we do not print our manuals on paper but provide our products with manuals in digital version created in *.pdf format.

You can find and download them anytime on our homepage www.xomax.de/download, view them on your mobile devices and print them for yourself if needed.

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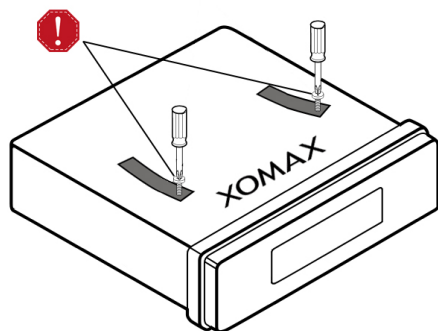
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Safety instructions and precautions

❗ Remove transport securing screws (if available)

Before using the optical drive, be sure to remove the two transport locking screws marked with colored stripes (top of the radio).



❗ Handling by stop only

To avoid any accidents please don't handle the unit while you driving. Please stop and park the vehicle at safety place and handle the unit casually.

⚠ Installation

Please read the following manual carefully before you install the unit. We recommend you to let the technician install the unit in your vehicle.

❗ Regular loudness

Please set the loudness of the unit to the appropriate level so you were still able to hear exterior noises especially traffic warning signals. Furthermore the higher loudness level can damage your hearing organs.

❗ Repair of the unit

Do not open the unit. Do not try to repair the unit by yourself due to any emerging technical problems. While opening the unit by yourself exists the danger to be electrocuted.

Do not use the unit any further since you detect any kind of technical problems.

Leave all the repair operations to professional technicians.

⚠ Due to flawed warranty seal the warranty becomes invalid.

❗ Power supply

Use the unit connected only to 12 Volt on-board power supply. The minus (-) should be connected with the ground (GND) (negative).

Due to the wrong configuration exists the danger of fire. In case of doubt please consult with professional technicians.



Replacement of fuses

While replacing the fuse please make sure that the new fuse has the same properties as the old one, especially the amperage.



Overheating

Do not occlude the vent holes to avoid the heat generation and accumulation in the unit. Otherwise exists the danger of fire.



Regular temperature

Please make sure that the temperature inside of the vehicle amounts to not more than +40 C.

If it's too cold or too hot inside of the vehicle, do not turn the unit on until the inside temperature of the cabin descends.



Cleaning of the unit

Please keep the unit clean and remove the dust from it regularly. Please use for that a soft and dry cleaning rag.

Major soilings can be removed carefully with the wet cleaning rag. Do not use any chemical or alcohol-containing detergents to avoid the damage of the unit's varnish.



Moisture

To avoid the danger of fire or the

electric shock do not put the unit in to the moist environment (e.g. adverse weather conditions, inappropriate wet cleaning etc.)



The risk of injuries


**CLASS 1
LASER PRODUCT**

Do not open the cabinet or modify the unit. The active laser components used with this product comply with the provisions of Laser Class 1.

Installation

Installation notes

Here you can find relevant installation notes and common information.

 We recommend you to let the technician install the unit in your vehicle.

Before the installation

WARNING!

Please read the following manual carefully before you install the unit.

Damages caused due to an inappropriate installation will not be covered by warranty.

If you do not want to risk your warranty entitlement, please let the technician install the unit in your vehicle.

» To avoid a short circuit please disconnect the vehicle battery before the installation. To do it properly please read the manual of your vehicle.

» Make sure that your vehicle is equipped with a car radio slot of required size (1DIN)

» As may be the case you will need a suitable faceplate, adapter or other accessories. These could be provided from your local specialist supplier.

» The connection cables may not be cutted or short-circuited. Otherwise the warranty becomes invalid.

» Before the installation please make sure that your vehicle has the 12 Volt on-board power supply.

» The minus (-) should be connected with the ground (GND) (negative).

» Please tag the polarity of the available speakers before you disconnect the vehicle battery.

» A proper grounding of the unit's housing requires a clean ground connection. Thus the grounding area should be rust-, stain- and dust-free.

» Please ground the cable separately from other heavy current devices such as an amplifier etc.

» Please ensure that the colored cables are connected according to the wiring diagram. The wrong wiring may lead to malfunctions or even damages of the electric elements of the vehicle.

» Please note that the connection cables of this unit and of the other devices may have the same purpose but the different color. For this reason while connecting this unit with the other devices please ensure that both of the cables in each case have the same purpose. To connect everything correctly please refer to the manuals of the both devices.

» Please ensure that the negative speaker cable is in each case connected with the negative speaker terminal of the ISO port. Do not ever connect the negative speaker cables with the vehicle body.

» This unit is designed and construed for connection with 4 speakers. Do not combine this unit with devices that are designed and construed for connection with 2 speakers.

» The speakers should feature the impedance of 4-8 Ohm and a sufficient wattage.

» Please ensure that the speakers you are connecting with the unit are intact. Damaged speakers can impair the unit.

» To avoid a short circuit please isolate all cable junctions and endings of the unused cables with the electrical tape.

» All the cables should be layed and fixated tidy and properly. The cables should not contact any movable or hot objects.

» If your vehicle doesn't have an "ACC" ignition position, please connect the red cable with the ignition switch. Otherwise the unit will not turn off automatically, causing the discharging of the vehicle battery.

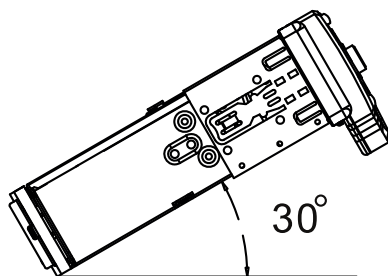
» To avoid a rogue and hazardous short circuit do not lay the yellow cable through the engine bay in order to connect it with the vehicle battery.

» Do not ever connect speaker cables among one another. In case you do not want to connect all the 4 speakers with

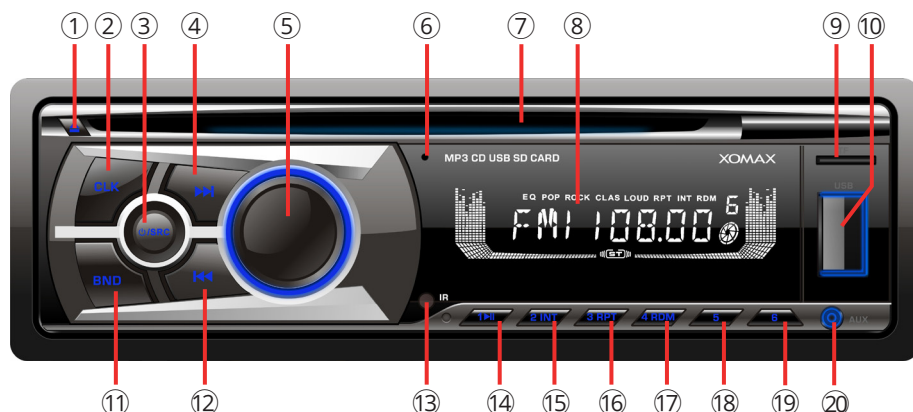
the unit please isolate the endings of unused cables with the electrical tape to prevent a short circuit.

» Do not ever connect the negative speaker cables with the vehicle body.

» To ensure a flawless performance of the unit the intergration angle should amount to +/- 30°.



Operating elements of the unit



① ▲ CD media eject

Press the button to eject the inserted CD.

② CLK Clock settings

[in radio- or play mode]:

brief press: - the time for 5 seconds is displayed on the display.

long press: - hold down the button to set the time.

③ ⏻/SRC Unit on or off/Mode selection/End or reject an incoming call

Press the power button to turn the unit on. Keep it pressed for ca. 2 seconds to turn it down.

If the unit is on, press this button to switch between diverse modes: **[Radio]**, **[USB]**, **[SD]**, **[Disc]**, **[AUX-IN]**, **[Bluetooth]**.

[in telephony mode]: press the button to end or to reject an incoming call.

④ ⏮ Next track/Frequency band scan

[in play mode]:

brief press: skip to the next track.

long press: fast forward.

[in radio mode]:

brief press: starts the automatic radio station search forwards.

long press: switches to the manual frequency scan forwards.

⑤ Change the volume/Audio settings

rotate: Rotate the button clockwise to boost the loudness and reverse to reduce the loudness.

brief press: Press the button several times to switch between following options: **Bass**, **Treble**, **Balance**, **Fader**, **Loudness**, **Equalizer** and **LED**.

Please note that some functions may be unavailable in your country.

⑥ MIC Bluetooth microphone

The microphone is used during hand-free phone calling via Bluetooth. The microphone should not be blocked to achieve the best possible sound quality.

⑦ CD Slot-In

When a compatible disc is inserted, it is automatically retracted.

⑧ Display

⑨ TF microSD-Kartenslot

The SD card slot is added for reading of microSD-cards in following formats: FAT32 file system.

Maximal supported volume: 128GB.

⑩ USB USB-plug

The USB plug is added for reading of USB flash drives in following formats: FAT32 or exFAT file system.

Maximal supported volume: 128 GB.

⚠ Other USB devices such as an external harddisc can not be supported.

⑪ BND Frequency band/Accept or start a call

[in radio mode]: press the button to switch between frequency bands: **FM1**, **FM2** or **FM3**.

[in telephony mode]: press the button to answer a call.

⑫ ⏮ Previous track/Frequency band scan

[in play mode]:

brief press: skip to the previous track.

long press: fast rewind.

[in radio mode]:

brief press: starts the automatic radio station search forwards.

long press: switches to the manual frequency scan forwards.

⑬ IR Infrarot Empfänger

The IR receiver receives the infrared signal from the remote control.

Make sure that the IR sensor is not covered.

⑭ 1/⏮ Stored radio stations/Play or pause

[in radio mode]: stored radio station "1".

[in play mode]: starts / pauses the playback.

⑮ 2/INT Stored radio stations/Intro function

[in radio mode]: stored radio station "2".

[in play mode]: first 10 seconds playback of each track

⑯ 3/RPT Stored radio stations/Repeat

[in radio mode]: stored radio station "3".

[in play mode]: repeat playback.

⑰ 4/RDM Stored radio stations/Random

[in radio mode]: stored radio station "4".

[in play mode]: random playback

⑱ 5 Stored radio stations/10 tracks skip/Previous folder

[in radio mode]: stored radio station "5".

[in play mode]:

brief press: 10 tracks skip backwards.

long press: skip to the previous folder.

①9 **6 Stored radio stations/10 tracks
skip/Next folder**

[in radio mode]: stored radio station "6".

[in play mode]:

brief press: 10 tracks skip forwards.

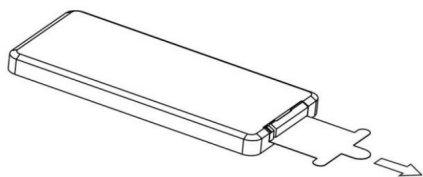
long press: skip to the next folder.

②0 **AUX Auxiliary audio input**

3,5 mm jack plug for connection with an external playback device such as MP3 player, smarphone, tablet PC etc.

Usage of the remote control


Before the first usage please remove the isolation plate.



Aim the remote control at the IR receiver on the front operating panel.

The IR receiver should not be blocked.

As soon as the remote control does not work proper the battery should be replaced.

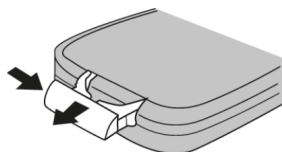
 Do not expose the remote control to direct sunlight or air heater.

Replacement of the battery

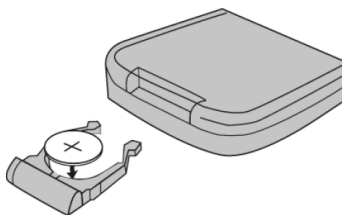
The remote control is operated by CR-2025 Lithium battery.

As soon as the remote control does not work proper the battery should be replaced.

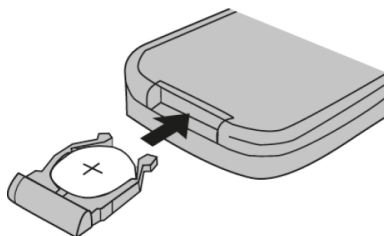
Replacement instructions:



1. Remove the battery compartment: push it to the left first, then pull it out.



2. Remove the old battery and insert the new one (CR-2025 Lithium).



3. Insert the battery compartment back into the remote control till it clicks into place.

Unit on/off

Press the  button to turn the unit on.

If the unit is already on, keep the button pressed for a couple of seconds to turn it down.

Insert a SD card

Insert a SD card into the slot with the label side to the up and the pin side to the down.



Make sure that the card is intact and dirt-free.

Insert a USB flash drive

Insert an USB flash drive proper into a USB plug.

Do not insert any heavy or big USB flash drives in order not to hit it accidentally - it could cause damages of the USB plug or USB flash drive.



1 Micro SD cards and USB flash drives should have following file-system format: FAT32. Other types will not be supported.

AUX input

The AUX input is a 3,5 mm jack plug on the front operating panel.

Herewith you can connect the unit with on of the external playback devices: MP3 player, smartphone, cellphone or tablet PC.

An adapter cable 3,5 mm jack-to-jack will be required.




If the external device is connected with the unit, the playback is audible via car radio loudspeakers.

The playback control can be achieved via external device only.

Insert a CD

Insert the disc with the mirror surface downwards. The playback will start automatically. Make sure that the disc is intact and dirt-free.

Using the  button on the front panel eject the disc if required.

Basic functions

Mode choice

Press the  **SRC** button on the front panel to switch between the modes:


Radio, Disc, AUX, USB and **SD**.

Volume

Use for that the rotary button on the front panel.

Rotate the button clockwise to boost the loudness and reverse to reduce the loudness.

Mute

Press the  on the front panel to mute the playback or to restore the sound afterwards.

Settings

Press the rotary knob on the front panel several times to switch between following settings:

1. **Bass settings***
(prompt "**BAS 0**" on the screen)
2. **Treble settings***
(prompt "**TRE 0**" on the screen)
3. **Balance settings**
(prompt "**BAL L-R**" on the screen)
4. **Fade settings**
(prompt "**FAD F-R**" on the screen)
5. **Loudness on/off**
(prompt "**LOUD OFF**" on the screen)

6. **Equalizer on/off**
(prompt "**DSP OFF**" on the screen)
7. **[in radio mode]: Set Distance/Local Sensitivity**
(prompt "**DX**" on the screen)
8. **[in radio mode]: Stereo/Mono switch**
(prompt "**STEREO**" on the screen)
9. **LED color settings**
(prompt "**CLR AUTO**" on the screen)

As soon as you choose one of the functions to set, turn the knob on the front panel.

* If the preset EQ is active, the **BASS** and the **TREBLE** settings can not be changed - these options are unavailable in the menu. To change the BASS/ TREBLE settings you have to turn the EQ preset off first.

Preset Equalizer

The EQ preset offers a few factory stored frequency settings, depending on the musical genre of the current playback: **POP**, **ROCK**, **CLASSIC** or **DSP OFF** (EQ preset off).

Loudness

The "Loudness" function boosts BASS and TREBLE frequencies to achieve more voluminous sound.

To activate this function:

Press the rotary knob on the front panel till you see the prompt "**LOUD OFF**" on the screen.

You can also use for that the rotary knob on the front panel.

LED color settings

Press the volume knob till the prompt "CLR AUTO" appears on the screen. Now rotate the knob to make the adjustments.

Prompt on the display	Corresponding parameter
<i>AUTO</i>	Auto
<i>BLUE</i>	Blue
<i>RED</i>	Red
<i>CYAN</i>	Cyan
<i>GREEN</i>	Green
<i>PURP</i>	Lila
<i>YELL</i>	Yellow
<i>WHIT</i>	White

"CLR AUTO" means that the background color will be changed automatically every 3 seconds.

Clock settings

Hold for about 2 seconds **CLK** button on the front panel until the time appears on the screen.

Turn the knob on the front panel to set the hours.

When the appropriate hour is set, press the knob to set the minutes.

Now turn the knob on the front panel to set the minutes.

After the correct clock settings have been made, wait about 5 seconds for the radio to save the settings and automatically return to the current operating mode.

Radio mode

Radio mode on

To get to Radio mode press the **⏻/SRC** button several times till you see the prompt "**RADIO**" on the display.

Automatic station searching

Press the **⏮** or **⏭** button to start the searching into corresponding direction on the frequency scale.

Manual station searching

Keep pressed the **⏮** or **⏭** button for ca. 2 seconds to switch to manual station searching mode.

Now using the **⏮** and **⏭** buttons you can search for radio stations stepwise into corresponding direction on the frequency scale.

After ca. 5 seconds of inactivity the unit switches back to automatic station searching mode.

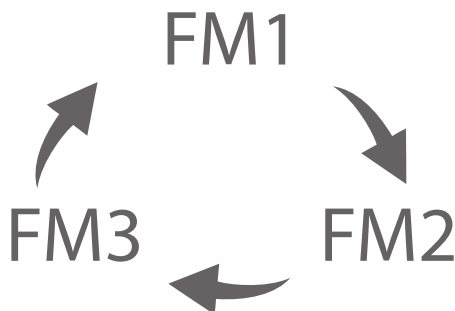
Store the found stations

There are 6 memory cells per FM frequency band.

To store the current radio station keep pressed the corresponding button (1-6) on the front panel for ca. 2 seconds. On the screen appears the number of the used memory cell where the station was stored.

Switch the frequency bands

Press the **BND** button on the front panel to switch the frequency bands between **FM1**, **FM2** and **FM3**.



Playback mode

Switch to playback mode

As soon as you either plug an USB flash drive or insert a micro SD card the unit's processor reads the data from the storage medium and the unit switches to playback mode.

To get to the USB- or SD- mode manually press the **⏻/SRC** button several times till the corresponding operating mode appears on the screen.

Start the playback

The playback starts automatically as soon as you insert the medium (Disc, USB flash drive or SD card) or switch to one of these modes.

The playback can be paused/resumed via **1/⏸** button on the front panel.

Skip track for-/backwards

To skip to the previous/next track press briefly the **⏮ / ⏭** button either on the front panel.

Rewind / fast-forward

Hold the **⏮ / ⏭** button pressed till you get to the required passage. Then release the button, the playback resumes.

10 tracks skip for-/backwards

Press the **5 / 6** button on the front

panel to skip 10 tracks backwards or forwards.

Change folder

Press and hold the **5** or **6** button on the front panel to move to the previous or next folder.

Intro function

You can activate/deactivate this function by pressing the **2/INT** button on the front panel: only the first 10 seconds of each track will be played.

Repeat track

The **3/RPT** button on the front panel activates/deactivates the repeat function. If it's on, the current track will be played repeatedly.

Random playback

The **4/RDM** button on the front panel activates/deactivates the random playback function. If it's on, all the tracks will be played randomly.

ID3 tag (song/interpreter/album)

The "ID3 tag" function allows to view the additional track information, e.g. name of the current song/of an artist/of an album.

This function is available only during the MP3 files playback; the tags should be stored in these files first.



similar picture

Bluetooth connection

Before the first usage of any Bluetooth function the unit should be connected via Bluetooth with the device of your choice.

- ❶ Activate the Bluetooth function on the external device (e.g. cellphone).
- ❷ Search for a new device named "CAR KIT" (this very unit).
- ❸ Select it to build a connection between your cellphone and the unit.
- ❹ If required enter the password "0000" and confirm the entry.
- ❺ Now the both are connected.

In order to find out how to activate the Bluetooth function on your cellphone or other device please read the corresponding manual.

i Once you have connected via Bluetooth the unit with an external device of your choice, the connection will be built automatically as soon as the device appears in the receiving area of the unit.

The Bluetooth function should be "ON" both on the external device and on the unit.

Hand-free phone call

Common information

This unit contains a Bluetooth feature "hand-free phone call" which allows to make your phone calls hand-free via integrated microphone and loudspeakers.

Take a call

By incoming call press the **BND** button on the front panel to accept it.

Redial function

Press the **BND** button on the front panel to redial the last number.

End / reject a call

To end the active call or to reject the incoming call press the **⏻/SRC** button on the front panel.

Bluetooth music

Common information

The "Bluetooth music" feature allows to play the music from the external device of your choice (cellphone, smartphone, tablet PC) via car radio speakers.

The device should support the A2DP service.

Start Bluetooth music

Press the **⏻/SRC** button several times till the prompt "**PHONE**" appears on the screen.

Now load the playback program on the external device and start the playback.

Operate Bluetooth music

Following functions are available to operate the playlist of the external device via the unit:

▶	Pause/resume playback
◀◀	Skip to previous track
▶▶	Skip to next track

A playlist has to be created via the external device first.

Common solutions

The following advices are generally valid and refer to diverse XOMAX models with the similar characteristics. Please note that some articles may refer not to your model exactly and may contain the description of features and functions that your model does not support.

Description of the problem	Cause and solution
<p>The remote control is without function.</p>	<p>Solution 1: Please ensure that the battery film is removed. By delivery the battery is protected by a film which should be removed before usage.</p> <p>Solution 2: The battery could be empty. Please replace it if required.</p> <p>Solution 3: Please make sure that the infrared receiver (labelled with IR) on the control panel is not blocked.</p> <p>Note: <i>You can test the functionality of the remote control as follows: please hold the IR transmitter towards a camera (e.g. a cell phone camera) and press any button on the remote control. If the remote control is operative you can see the infrared signal on the display of the used camera device.</i></p>
<p>Radio stations are lost: As soon as the unit will be turned off all the stored stations and user's settings will be lost.</p>	<p>This problem is caused due to a wrong connection of the ISO cable.</p> <p>Please interchange the cables for ignition plus and for steady plus.</p> <p>Caution: If these wires have fuses, the latter should be interchanged as well.</p>

<p>Poor radio reception: The radio tuner finds no broadcaster or the reception is poor.</p>	<p>For problem-solving regarding the radio reception it is important to know the type of the antenna of your vehicle.</p> <p>Here are the possible solutions for each type of the antenna:</p> <p>Type 1 – passive antenna: We recommend you to substitute the existing antenna by the larger and therefore more efficient one.</p> <p>Shark fin or rod antennas (under 5 cm) are definitely insufficient.</p> <p>Type 2 – active antenna: The vehicle provides no current for the active antenna. In this case a phantom power is required, which provides the active antenna with the external power supply.</p> <p>Type 3 – active antenna with diversity system: The unit provides no current for the active antenna and has no diversity support. For this type of antenna is required the phantom power with an integrated diversity system.</p> <p>Note: A phantom power is not to be confused with an antenna amplifier, which is far less efficient.</p>
<p>The unit does not turn on.</p>	<p>This problem is in most cases caused due to a wrong connection of the ISO cable.</p> <p>Please review the pin assignments of the ISO plug and ISO socket. Pay attention to the proper connection of the ignition- and steady plus and correct the discrepancy if required.</p> <p>Note: Though the design of ISO port is standardized, its pin assignment is not and may vary. Thus in case of mismatch of connections due to different pin assignments a simple plug'n'play connection may lead to grievous errors.</p>

Disposal / recycling information

Disposal of an old unit / battery

User information regarding disposal of electric and electronic devices (private households).



WEEE DE19856609

This symbol on products or in their manuals implies that electric and electronic devices at the end of their service life should be separated from the domestic waste.

Please hand these products for recycling at municipal collection points free of charge.

The proper disposal of these products contributes to environment protection. To find the nearest collection point or recycling yard please consult your municipal administration.

According to the battery decree we make you aware of your obligation to dispose of empty batteries at municipal collection points.

Batteries that contain pollutants (e.g. Hg = mercury, Pb = lead, Cd = cadmium) are labelled with the symbol pictured above.

At our place you can free dispose of the empty batteries purchased at our store.

XOMAX in the world wide web

XOMAX manufacturer's information:

<http://www.xomax.de>

XOMAX distribution worldwide

Purchase XOMAX car radio online:

<https://www.carmediashop.de>