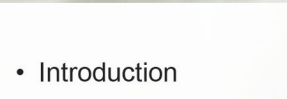


USER MANUAL



www.microlink.rs



• Introduction

MICROLINK device is a replacement for the classic CD CHANGER with many additional advantages. The device is designed to allow the factory radio unit primarily to connect USB storage devices, MicroSD memory cards and playback of MP3, WMA audio files via the existing car audio system. It also features an AUX jack that is designed for connecting mp3 players, phones via the 3.5mm stereo jack. Installation of the device is simple. It is only necessary to connect the device directly to the cd chagner port, which is located at the rear of the radio unit. By connecting the device, you get the CD quality sound. Device management is simple and comfortable either through the radio controls or controls on steering wheel.

The device is designed to remember the last played position, so that the next time you turn-on the device continues to operate from the position where it was interrupted. Standard commands to navigate through playlists, songs and change discs are supported. Command Random-Shuffle-Mix provides random selection of the order of tracks. Repeat command is used to replay the track.

• Package contains

- MICROLINK device
- User manual

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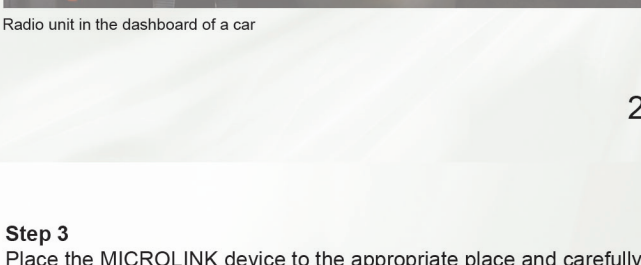
• Installation

Step 1

Remove the key from the car ignition lock. Make sure the radio is turned off.

Step 2

Carefully remove the radio unit from the dashboard, using the appropriate tools.

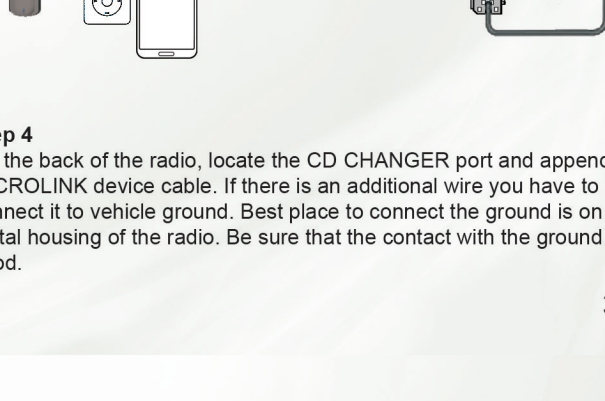


Radio unit in the dashboard of a car

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Step 3

Place the MICROLINK device to the appropriate place and carefully route the cable to the radio unit.



Step 4

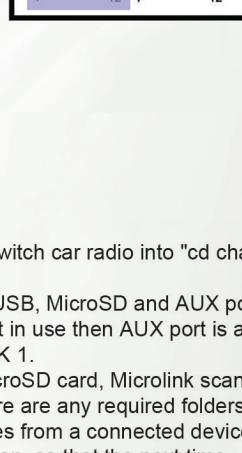
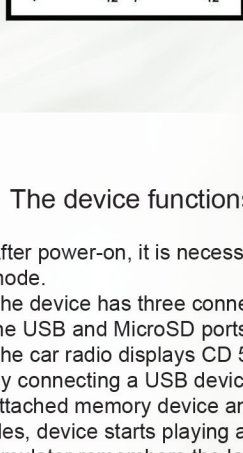
On the back of the radio, locate the CD CHANGER port and append MICROLINK device cable. If there is an additional wire you have to connect it to vehicle ground. Best place to connect the ground is on the metal housing of the radio. Be sure that the contact with the ground is good.

3

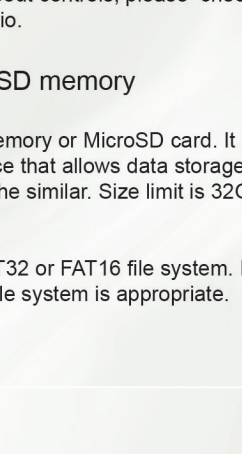
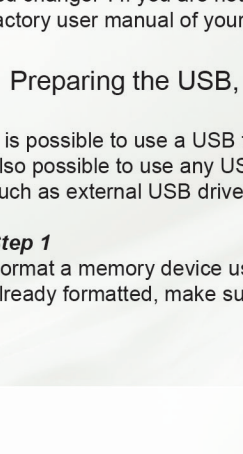
Step 5

Carefully replace the radio in the tray, taking care not to pinch the cables from the rear.

Mini ISO connector



Quadlock connector



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• The device functions

After power-on, it is necessary to switch car radio into "cd changer" mode.

The device has three connectors: USB, MicroSD and AUX port. If the USB and MicroSD ports are not in use then AUX port is active. The car radio displays CD 5 TRACK 1.

By connecting a USB device or MicroSD card, Microlink scans the attached memory device and if there are any required folders with files, device starts playing audio files from a connected device.

Emulator remembers the last position, so that the next time resumes from that position.

Emulator is controlled by steering wheel controls or by the radio unit controls. The controls are identical to the controls of standard "cd changer". If you are not sure about controls, please check the factory user manual of your car radio.

• Preparing the USB, MicroSD memory

It is possible to use a USB flash memory or MicroSD card. It is also possible to use any USB device that allows data storage, such as external USB drives, and the similar. Size limit is 32Gb.

Step 1

Format a memory device using FAT32 or FAT16 file system. If it is already formatted, make sure the file system is appropriate.

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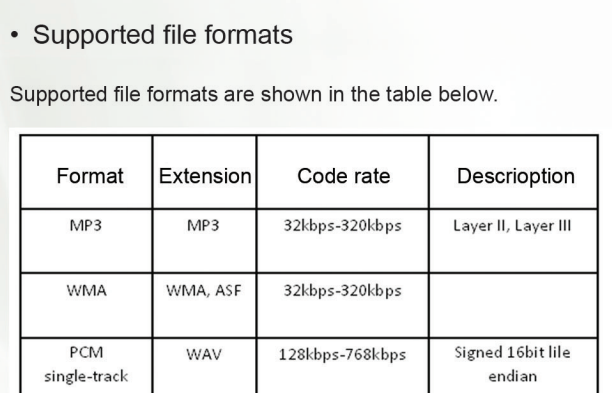
Step 3

Copy the audio files in the folders that you created in the previous step. File names are not important, important is only an extension.

Maximum number of files per folder is 99. Files which are not placed in those folders (CD01..CD10) will be ignored.

Note:

Before recording audio files advisable to check their validity.



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• Supported file formats

Supported file formats are shown in the table below.

Format	Extension	Code rate	Description
MP3	MP3	32kbps-320kbps	Layer II, Layer III
WMA	WMA, ASF	32kbps-320kbps	
PCM single-track	WAV	128kbps-768kbps	Signed 16bit lile endian
PCM dual-track	WAV	256kbps-1536kbps	Signed 16bit lile endian
IMA-ADPCM single-track	WAV	32kbps-192kbps	Block size: 128/256/512/1024
IMA-ADPCM dual-track	WAV	64kbps-384kbps	Block size: 256/512/1024/2048

Each format supports sample rates (Hz): 8000, 11025, 12000, 16000, 22050, 24000, 32000, 44100, 48000

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