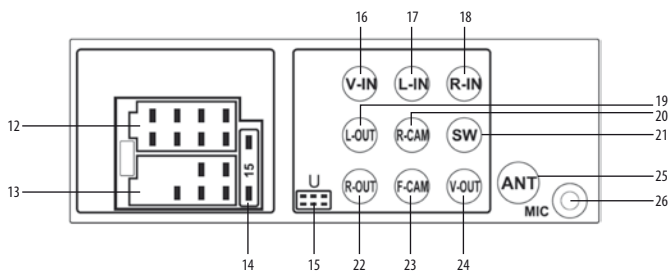


**eredeti használati utasítás  
návod na použitie  
manual de utilizare  
uputstvo za upotrebu**





|     | H              | EN                | SK                   | RO                     | SRB-MNE                   |
|-----|----------------|-------------------|----------------------|------------------------|---------------------------|
| 1.  | mikrofon       | microphone        | mikrofon             | mikrofon               | mikrofon                  |
| 2.  | infra vevő     | infrared receiver | infra prijímač       | receptor infrarosu     | infra prijemnik           |
| 3.  | hullámsáv      | waveband          | vlnové pásmo         | bandă frecvențe        | talasna dužina            |
| 4.  | léptetés       | scrolling         | krokovanie           | pas                    | korak                     |
| 5.  | be/ki/hangerő  | on/off/volume     | za-/vypnúť/hlasitosť | porniti/oprit/volum    | uklj./isklj./jačina zvuka |
| 6.  | léptetés       | scrolling         | krokovanie           | pas                    | korak                     |
| 7.  | főmenü/vissza  | main menu/back    | hlavné menu/späť     | menui principal/inapoi | Glavni meni/nazad         |
| 8.  | USB aljzat     | USB socket        | USB zásuvka          | sođu USB               | USB utičnica              |
| 9.  | microSD aljzat | microSD socket    | microSD zásuvka      | sođu microSD           | ležište za microSD        |
| 10. | visszaállítás  | restoration       | späť                 | resetare               | fabricko podešavanje      |
| 11. | AUX bemenet    | AUX input         | AUX vstup            | intrare AUX            | AUX ulaz                  |



|     | H               | EN                  | SK                  | RO                       | SRB-MNE                  |
|-----|-----------------|---------------------|---------------------|--------------------------|--------------------------|
| 12. | hangszórók      | speakers            | reproduktory        | difuzoare                | zvučnici                 |
| 13. | tápellátás      | power supply        | napájanie           | alimentare               | napajanje                |
| 14. | 15 A biztosíték | 15 A fuse           | 15 A poistka        | siguranță 15A            | osigurač 15A             |
| 15. | kiegészítők     | accessories         | príslušenstvo       | accesorii                | dobaci                   |
| 16. | video be        | video on            | video vstup         | intrare video            | video ulaz               |
| 17. | audio bal be    | audio left on       | audio ľavý vstup    | intrare audio stanga     | levi audio ulaz          |
| 18. | audio jobb be   | audio right on      | audio pravý vstup   | intrare audio dreapta    | desni audio ulaz         |
| 19. | audio bal ki    | audio left off      | audio ľavý výstup   | ieșire audio stanga      | levi audio izlaz         |
| 20. | hátsó kamera be | rear camera on      | zadná kamera vstup  | intrare cameră marșarier | ulaz, zadnja kamera      |
| 21. | mélyugárzó ki   | subwoofer off       | reproduktor výstup  | ieșire boxă joase        | izlaz za niskotonski zv. |
| 22. | audio jobb ki   | audio right off     | audio pravý výstup  | ieșire audio dreapta     | desni audio izlaz        |
| 23. | első kamera be  | front camera on     | predná kamera vstup | intrare cameră frontală  | ulaz, prednja kamera     |
| 24. | monitor ki      | monitor off         | monitor výstup      | ieșire monitor           | izlaz za monitor         |
| 25. | DIN antenna     | DIN antenna         | DIN anténa          | anténă DIN               | DIN antena               |
| 26. | külső mikrofon  | external microphone | externý mikrofon    | microfon extern          | spoljni mikrofon         |

A termék használatba vétele előtt, kérjük, olvassa el az alábbi használati utasítást és őrizze is meg. Az eredeti leírás magyar nyelven készült. Ezt a készüléket azok a személyek, akik csökkent fizikai, érzékelési vagy szellemi képességekkel rendelkeznek, vagy akiknek a tapasztalata és a tudása hiányzik, továbbá gyermekek 8 éves koráig csak abban az esetben használhatják, ha az felügyelet mellett történik, vagy a készülék használatára vonatkozó útmutatást kapnak, és megértik a biztonságos használatból eredő veszélyeket. Gyermekek nem játszhatnak a készülékkel. Gyermekek kizárólag felügyelet mellett végezhetnek a készülék tisztítását vagy felhasználás karbantartását. Kicsomagolás után győződjön meg róla, hogy a készülék nem sérült meg a szállítás során. Tartsa távol a gyermekeket a csomagolástól, ha az zacskót vagy más veszélyt jelentő összetevőt tartalmaz!

### FŐBB JELLEMZŐK

#### IOS ÉS ANDROID KÉPERNYŐ TÜKRÖZÉS\*

#### MINDEN TELEFONOS ALKALMAZÁS AZ AUTÓRÁDIÓN LÁTHATÓ ÉS ONNAN VEZÉRELHETŐ\*\*

• 7,0" (18 cm) fix LCD érintő-képernyő • 2 x DIN méretű készülék • változatható színű RGB bgm háttérvilágítás • rádió/zene/fotó/video lejátszás • vezeték nélküli BT kapcsolat • Zin1: beépített és csíptetős külső mikrófon • telefonálás a telefon érintése nélkül • telefonbeszélgetés kihangsúlyozása • telefonkönyv és híváslista a képernyőn • USB/microSD eszköz csatlakoztatható • 30 tárhelyes AM/FM rádió RDS funkciókkal • útinformációs adatok vétele • fejlett, egyedi hangzásbeállítások • 10 sávós grafikus hangszínszabályozó • első és hátsó kamera bemenetek • automatikus tolatókamera funkció (opció: SA 143) • hátsó monitor lehetősége az utasoknak • gyári kormány-távírányítóról vezérelhető • 5 nyelvű menü (EN/HU/SK/RO/SRB) • 4 x 50 W Hi-Fi hangszórókimenet • 3,5 mm AUX bemenet dorozható készülékekhez • 2+1 x RCA erősítő+aktív mélyszűrőgő kimenet • 2+1 x RCA video bemenet és 1 x RCA video kimenet

\*iPhone 6-7-8 és Android 5.0 vagy újabb Mirror Link képes telefonokhoz, USB adatkábellel csatlakoztatva; Android esetén egy alkalmazás telepítését követően

\*\*iPhone: tükrözés, Android: tükrözés és vezérlés a rádió képernyőjéről

### ÜZEMELI HELYZÉS

Ez a termék okostelefonnal képes együttműködni. Ezért a leírás elkészítésekor feltételeztük, hogy a felhasználó birtokában van az okostelefonnal kezeléséhez kapcsolódó általános ismereteknek. E rádió beállítása és használata közel áll a telefonok és táblagépek használatához.

#### A készülék alaphelyzetbe állítása

Ha a készülék rendellenesen működik (bele értve a kijelzőt is), szükséges a mikroprozessor adatainak törlése és a készülék újra indítása. Ehhez szükséges a egy kiegyensúlyozott iratkapoccal a védőfedél alatti **RESET** (10.) gombot a készülék gyári állapotba történő visszaállításához. Miután kikapcsolt, kapcsolja vissza (5.).

#### Be- és kikapcsolás, némítás

Kapcsolja be a készüléket a (5.) **VOLUME** rövid megnyomásával. A képernyő bekapcsol és a készülék az utóljára kiválasztott funkcióra vált.

• A későbbiekben a bekapcsolást követően automatikusan az utóljára használt funkcióra kapcsol, feltéve, hogy időközben nem távolították el a csatlakoztatott külső eszközt.

• Mivel a jármű motorjának elindításakor feszültségcsökkenések keletkezhetnek, a készüléket csak akkor kapcsolja be, ha már jár a motor. A kikapcsolást a motor leállása előtt hajtja végre. A kikapcsoláshoz tartsa nyomva 3 másodpercig a (5.) **VOLUME** gombot.

• A (5.) **VOLUME** gomb rövid benyomásával a hangszórókat kikapcsolhatja ki és vissza (MUTE).

#### A hangerő, hangszín és képmínőség beállítása

Használja a **fordatógombot** a kívánt hangerő beállításához: **VOLUME 00 – 40**. Az ezzel egyidejűleg megjelenő képernyő felső sorában kiválaszthatja a beállítandó paramétert (hangerő, hangszín vagy képmínőség almenü). Érintse meg a kívánt gombot, majd az érintőképernyő gombjaival személyre szabhatja az audio és video beállításokat.

#### HANGERŐ-SZABÁLYOZÁS

1. válassza ki a HANGERŐ menüt
2. mozdassa a csúszkát, az újját rajta tartva
3. érintse meg a hangszórók ki és vissza kapcsolásához



#### ELŐRE BEÁLLÍTOTT HANGSZÓK

1. válassza ki az EQ menüt
2. érintse meg az egyik beállítást
3. a BEÁLLÍTÁSOK menüben egyedi hangzást hozhat létre



#### FIZIOLÓGIAI HANGSZÍNSZABÁLYOZÁS

1. válassza ki a LOUDNESS menüt
2. érintse meg a kapcsolót a be- és kikapcsoláshoz



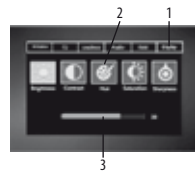
#### HANGSZÍNSZABÁLYOZÁS

1. válassza ki a HANGSZÍN menüt
2. mozdassa a csúszkát a magas hangok szabályozásához
3. állítsa be a mély hangzás is



#### TÉRHANGZÁS BEÁLLÍTÁSA

1. válassza ki a TÉRHANGZÁS menüt
2. mozdassa a csúszkát, hogy optimalizálja a hangzást a jármű egy adott típusához



#### KÉPMÍNŐSÉG BEÁLLÍTÁSA

1. válassza ki a KÉPERNYŐ menüt
2. egyesével válassza ki paramétereit
3. használja a csúszkákát igénye szerint

**VOLUME:** hangerő / **EQ:** hangszínszabályozás; Standard, Classic, Rock, Pop, Jazz, Electric, Custom (egyéni beállítás) / **LOUDNESS:** fiziológiai hangszín be/ki / **AUDIO:** TREBLE-BASS (magas és mély hangszín) / **FIELD:** a 4 hangszóró együttes hangerő-szabályozása (balance, fader) / **DISPLAY:** brightness, contrast, hue, saturation, sharpness (fényerő, képélesség, színdinamika, színtelítettség, képélesség)



EZZEL A GYORSGOMBAL IS ELÉRHETŐ AZ AUDIO ÉS VIDEO BEÁLLÍTÁSOKAT

- A **SETUP** (beállítás) menü **AUDIO** almenüjében lehetőség van a gyári hangszínszabályozások módosítására az egyedi igények szerint egy **10 sávós grafikus hangszínszabályozó** alkalmazásával.
- Nagyobb hangerővel történő hallgatáshoz ne emelje ki jelentősen a mély és magas hangokat, mert az torzításhoz vezet!
- Az **EQ** funkció túli a korábban beállított mély- és magas hangszín beállítást és tartóva.

#### Fiziológiai hangszínszabályozás

- Az emberi fül kisebb hangerőnél kevésbé érzékeli a mély és a magas frekvenciájú hangokat. A **LOUDNESS** funkció bekapcsolásával kisebb hangerőnél ezt a hatást korrigálja az automatikus hangszínszabályozás. Nagyobb hangerőnél javasított kikapcsolni, mert torz hangzást okozhat.
- A jobb hangminőség érdekében a funkció használatát előtti javasolt az EQ kikapcsolása (pl. STANDARD) és a magas/mély hangszínszabályozók „0” pozícióba állítása.
- Minél nagyobb a hangerő, annál kevésbé érezhető az automatikus hangszín-korrekció hatása.

#### Gyorsgombok a kényelmes beállításához

Ez éppen aktiv üzemmódtól független a képernyő felső vagy alsó sávjában különböző gyorsgombok jelennek meg a helyi menük gyorsabb elérése érdekében. Néhány kiemelt funkció:

- 1., A képernyő szimbólum kikapcsolja a képernyőt. Így elkerülhető annak zavaró fénye az éjszakai vezetésnél. A képernyőt bárhog megerintve, az visszakapcsol.
- 2., Az előzőekben részletezett hang és képbeállítások menüjére.
- 3., Az vezeték nélküli BT kapcsolat funkció; a párosított készülékek, telefonkönyv, híváslista, tárcsázás, zenelejátszás.
- 4., Lapozható főmenü a funkciók kiválasztásához.



A VISSZA LÉPÉS GOMB MELLETT A KÉPERNYŐ FENYÉRŐSZABÁLYOZÓ GYORSGOMBJA



TÖBBSZÖRŐI GOMBNYOMÁSSAL A FENYÉRŐ SZABÁLYOZHATÓ ÉS A KÉPERNYŐ KIKAPCSOLHATÓ.

A KIKAPCSOLT KÉPERNYŐT BÁRHOG MEGERINTVE, AZ VISSZA KAPCSOL. AZ UTOLSÓ FUNKCIÓ A „BEÁLLÍTÁSOK” MENÜBEN EGYEDILEG BEÁLLÍTHATÓ FENYÉRŐ.

#### Alapbeállítások, a kívánt nyelv kiválasztása

Nyomja meg az **M/N (7.)** gombot vagy érintse meg a képernyőn a **HOME** (ház) főmenü gombot és lapozzon balra a főmenüben, hogy a **SETUP** (fogaskerék) beállítások gombot elérje. Az adott beállítás módosításához a kiválasztott sor jobb szélén érintse meg.









Before using the product for the first time, please read the instructions for use below and retain them for later reference. The original instructions were written in the Hungarian language. This appliance may only be used by persons with impaired physical, sensory or mental capabilities, or lacking in experience or knowledge, as well as children from the age of 8, if they are under supervision or have been given instruction concerning use of the appliance and they have understood the hazards associated with use. Children should not be allowed to play with the unit. Children may only clean or perform user maintenance on the appliance under supervision. After unpacking the unit, confirm that it has not been damaged during transit. Keep the packaging away from children if it contains plastic bags or other potentially hazardous components!

**MAIN CHARACTERISTICS**

**iOS AND ANDROID SCREEN MIRRORING\***  
**ALL TELEPHONE APPLICATIONS ARE VISIBLE ON THE CAR RADIO AND CAN BE CONTROLLED FROM IT\*\***  
 • 7,0" (18 cm) fix LCD touch screen • 2xDIN size devices • Changeable color RGB button backlighting • Radio/ music/photo/video playback • Wireless BT connection • 2in1: built-in and clip-on external microphone • Calling without touching the phone • Hands-free phone conversation • Phonebook and call list on the screen • USB/microSD device can be connected • 30 storage spaces with AM/FM radio RDS functions • Receiving travel information broadcasts • Advanced, unique sound settings • 10-band graphic equalizer • Front and backside camera inputs • Automatic rear view camera function (option: SA 143) • Rear monitor option for the passengers • Can be controlled from factory steering wheel remote control • 5-language menu (EN/HU/SK/RU/SRB) • 4x50 W Hi-Fi speaker output • 3,5 mm AUX input for portable devices • 2+1xRCA amplifier+active subwoofer output • 2+1x RCA video input and 1xRCA video output

\*iPhone 6-7-8 and Android 5.0 or newer Mirror Link capable mobile phones, connected with USB data cable; after installing an application in case of Android  
 \*\*iPhone: mirroring, Android: mirroring and control from the radio's screen

**INSTALLATION**

This product is able to work with smart phones. Therefore, when preparing this description we assumed that the user is in possession of general knowledge related to the management of smartphones. Setting up and using this radio is very close to the use of phones and tablets.

**Resetting the unit**

If the device is malfunctioning (including its display), it is necessary to delete microprocessor data and to restart the device. To do this, press the **RESET** (10.) button under the protective cover with a straightened paper clip to reset the device. After it switched off, switch it back on (5.).

**Switching on and off, mute**

Turn on the unit by pressing the (5.) **VOLUME** button shortly. The display switches on and the unit switches to the last selected function.

- Later on, it will automatically switch to the most recently used function after being switched on unless the external storage device has been removed in the meantime.
- Since starting the engine of a vehicle may cause voltage stoppages, only switch on the unit when the engine is running. Turn it off before turning off the engine. To switch off, press and hold the (5.) **VOLUME** button for 3 seconds.
- By pressing the (5.) **VOLUME** button shortly, you can switch off and back on the speakers (**MUTE**).

**Volume, tone and image quality setting**

Use the **rotary knob** to set the desired volume level: VOLUME 00 – 40. You can select the parameter (volume, tone or picture quality submenu) in the top row of the screen that appears simultaneously. Touch the desired button, and then touch the buttons on the touch screen to personalize the audio and video settings.

**VOLUME CONTROL**

1. select the **VOLUME** menu
2. move the slider with your finger on it
3. tap the speaker for turn off and back sound



**PRE-SET SOUNDING**

1. select the **EQ** menu
2. tap one of the settings
3. in **SETTINGS** menu you can create unique sounding



**PHYSIOLOGICAL TONE ADJUSTMENT**

1. choose **LOUDNESS** menu
2. tap the switch for turning on/off



**STONE ADJUSTMENT**

1. choose **TONE** menu
2. move the slider for regulating high-pitched volumes
3. set bass sound, too



**STEREO SOUNDING SETTING**

1. choose the **STEREO SOUNDING** menu
2. Move the slider to optimize the sound for a particular seat of the vehicle



**SETTING IMAGE QUALITY**

1. choose the **SCREEN** menu
2. select each parameter individually
3. use the sliders as required



**VOLUME:** volume / **EQ:** sounding settings; Standard, Classic, Rock, Pop, Jazz, Electric, Custom (individual setting) / **LOUDNESS:** physiological tone on/off / **AUDIO:** TREBLE-BASS (high and low tone) / **FIELD:** the combined volume control of the 4 speakers (balance, fader) / **DISPLAY:** brightness, contrast, hue, saturation, sharpness



WITH THIS QUICK BUTTON YOU CAN ALSO ACCESS AUDIO AND VIDEO SETTINGS

- In the **SETUP** menu's **AUDIO** submenu there is an opportunity to adjust factory sound settings according to individual requirements using a **10-band graphic equalizer**.
- When listening to music on higher volume, do not emphasize significantly high and low tones, as this may cause distortion!
- EQ function will cancel the previously set bass and treble equalizer tones.

**Physiological tone adjustment**

The human ear perceives less of low and high frequency sounds at smaller volume. By turning **LOUDNESS** function on, automatic tone adjustment will correct this effect at low volume. It is recommended to switch off this function, since it may cause distorted sound.

- In order to get better sound quality, before using this function it is recommended to choose **EQ** Off setting (eg. **STANDARD**), and set the high/low equalizers to „0" position.
- The larger the volume, the less noticeable effect on the automatic tone correction.

**Quick buttons for convenient setting**

Depending on the active mode, various shortcuts appear in the upper or lower band of the screen to make the local menus' access faster. Some key features:

- 1., The screen symbol turns the screen off. With this, you can avoid the annoying light at night driving. Tap anywhere on the screen to switch it back on.
- 2., The menu of the audio and picture settings detailed above.
- 3., The wireless BT connection functions; paired devices, phone book, call list, dialing, music playback.
- 4., Foldable main menu to select functions.



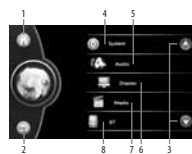
**NEXT TO THE SCROLL BACK BUTTON THE BRIGHTNESS CONTROL'S QUICK BUTTON**

BY REPEATEDLY PRESSING THE BUTTON, THE BRIGHTNESS IS ADJUSTABLE AND THE SCREEN CAN BE TURNED OFF. BY TAPPING THE TURNED OFF SCREEN ANYWHERE IT TURNS BACK ON. THE LAST FUNCTION IN "SETTINGS" MENU IS THE INDIVIDUALLY ADJUSTABLE BRIGHTNESS.

**Basic settings, selection of the desired language**

Press the **M/N** (7.) button or touch the **HOME** (house) main menu button and scroll left in the main menu, to reach the **SETUP** (gear) settings button. To modify the given setting, touch the right edge of the selected line.

1. exit to the main menu
  2. step back one level
  3. move the menu rows
  4. **SYSTEM** settings
  5. **SOUND** settings
  6. **SCREEN** settings
  7. **MEDIA** settings
  8. **BT** connection setting
- Step down to access additional menu items.





|                |   |
|----------------|---|
| <b>SYSTEM</b>  | geographical place of use / <b>language of menu</b> / manufacturer logo option (password: 6556) / front camera / rear camera / headlight on detection (the backlight switches on with the vehicle's lantern) / hand brake on detection / active subwoofer output / tap sound signal |
| <b>AUDIO</b>   | unique soundtracks / left-right and front-rear sound channel setting / LOUDNESS emphasis on/off   |
| <b>DISPLAY</b> | brightness, picture quality (choose according to environmental lighting) / individual (CUSTOM) picture quality setting  |
| <b>MEDIA</b>   | aspect ratio of video playback ( 4:3 Pan Scan or 16:9 Wide Screen)  |
| <b>BT</b>      | BT on-off / BT identification / password (0000) / autom. pairing again / autom. choice / call list loading / phone book loading / priority of voice call  |
| <b>TIME</b>    | date display mode / 12-24 hour display / date and time setting  |
| <b>LIGHT</b>   | individual backlight for the quick button / color of backlight: 7 manufacture colors autom. stepping / manual selection RGB color mixing* / primary color choosing from the 7   |
| <b>SWC</b>     | "Z" resistance based factory vehicle steering-wheel remote control activation and individual programming to the radio (check the opportunity in your vehicle's manual)  |
| <b>VERSION</b> | the parameters of the actual software version   |

\*RGB LIGHT backlight: Operation may depend on the headlight detection condition.

### Selection of data source

You can select the signal source you want to listen to or watch in two ways:

1. Press the **M/N** button briefly and repeatedly on the front panel till the desired signal source is found. Only active, currently connected devices and features are available.
2. Touch the **HOME** (house) main menu button on the main screen and you can activate the desired signal source by touching the matching icon:

**RADIO:** AM-FM radio, with 30 program places, RDS functions

**PHONE LINK:** Android and iOS display mirroring with USB cable

**USB:** Multimedia playback from USB device.

**CARD:** Multimedia playback from microSD memory card

**BT:** Music playback from mobile phone, calling, phonebook, call list

**AUX:** Select audio and video input

**F CAM:** Front camera (the rear camera option works automatically)

**WALLPAPER:** changing wallpaper

**SETUP:** Settings menu

• Press the **M/N** button to move up one level back to the previous screen / menu.

• Cannot activate this signal source, if it is unavailable. For example, if no storage device is attached that contains the appropriate files (Songs, photos, movies). Or if there is no cell phone paired, then the BT functions will not work.

• When turning it on, the last track you listened to will continue to play unless the device was removed.

• If an external device is connected to the **USB** and **microSD** sockets at the same time, press **USB** or **SD** button to select the desired source. Basically, using a **microSD** card is recommended for a more secure and protected placement. Due to the limited space, not all USB devices can be inserted.

• After the connection, the last inserted external unit's program is played.

### USING THE RADIO

After the unit is switched on the radio will turn on if it was being previously listened to – or the last played USB/SD/BT signal source has been removed. Select the radio function with the remote control's **MODE** button or the front side's **M/N** button (or with the touch screen's **HOME** (house icon)) button, then press the display's selected icon.

### Manual tuning and storing radio stations

Select one of FM1-FM2-FM3-AM1-AM2 bands with the **BND** button on the front panel or with **BAND** tap button (recommended: FM1). Touch shortly the <> buttons in front of or after the frequency display for tuning manually the radio station which you are searching for. Searching stops, if you find a station that can be received in better quality. You can fine tune by pressing the <> buttons on the bottom line of the display or by shortly pressing the <<< >>> buttons next to the volume control. The frequency moves up or down the band with 0,05 MHz. When pressing the <<< >>> longer, it searches for the next station.

The station can be memorized to the desired program place by pressing the remote control's buttons 1...6 or keeping pressed one of the six buttons at the top of the display for 2 seconds. After recording, the button label will be the current frequency. Later you can use these touch or buttons 1...6 buttons to select the desired radio station.

• Total of 18 FM and 12 AM radio stations are stored at FM1-FM2-FM3 or AM1-AM2 bands.

• In every case, 6-6 stations are storable. When storing e.g. you have chosen FM2 band 4, place for one station, then later you have to choose FM2 (BAND) and press the 4. storage button to listen to that.

• Use a good quality antenna for longer reception in cities with poor reception conditions.

### Automatic tuning and storing

Tap the **AS** button on the screen to automatically locate and store radio stations that can be received in the place of use. On the display the progress of tuning and storing is trackable. Each receivable frequency is checked on FM1-FM2-FM3 or AM1-AM2 bands. The better the conditions for reception, the more stations will be found. You can start automatic tuning and storing by holding down the "magnifying glass" search button on the front panel. By pressing the same button shortly, automatically and briefly introduces the already recorded stations. Attention! The bottom row slides to the side and new features are available.

• After the tuning has finished, a few seconds broadcasting will be audible from each stored radio station. The device scrolls alongside even the possibly empty storage spaces and stops at the first fixed radio station. Introduction function can be switched off by tapping any of the storage buttons.

• Take into consideration that unit will skip stations with weaker reception, and the stations may be stored in a different sequence which you have defined.

• Select manual tuning and storing in order to perform custom settings.

• If a memory location is already occupied, its contents will be deleted and the new station frequency will be stored.

• In case of receivers of suitable quality, an **ST** text symbol appears on the screen and the **STEREO** (double circle) symbol lights up. If reception is noisy due to poor reception conditions, select **MONO** by tapping the **STEREO** icon on the bottom line. The **ST** text and the **STEREO** symbol go off and the **MONO** message is readable.

• In case of low reception conditions, turn off the **LOC** (local, strong reception) function by tapping the **DX / LOC** (distance, local reception) button. Reception may be weaker nearby high buildings or electrical equipment. The **LOC** symbol should not illuminate.

• If you use the device at a distance further from the location of the tuning – e.g. when traveling – you may have to search for the same radio station again at another frequency. In different geographic areas broadcasts the same programs at different frequencies! This inconvenience can be avoided if the listened station has RDS function and you turn on the RDS AF (alternative frequency) feature on your device. For details, refer to the RDS functions below.

### Selection of stored radio stations

With **BAND** (or on the front panel the **BND**) button select the desired band (pl. FM1), then by tapping 1-6 storage number buttons choose the desired track. Although 18 FM and 12 AM radio stations can be memorized. At the touchscreen's top line, the storage buttons contain the frequencies which are stored already.

### FM RDS functions

The Radio Data System is used to transmit digital information during FM radio broadcasts. These textual information will be displayed on the radio's displays if the broadcasting station and the receiver unit has this RDS function and it has been activated. Such information includes for example the name of the radio station, the program type, etc., which varies depending on the station and radio. Apart from the display of textual information, extra services are also generally available. They include the following in case of this radio:

• **PS** – program service: displays the radio station's brief name. Operates continuously as basic RDS function.

• **AF** – alternate frequency: if the current station can be received on another frequency in better quality, the unit automatically switches over to that frequency; this is useful when travelling because the unit searches for a station broadcasting the same program with a stronger signal. It is recommended to switch it off when not explicitly needed, as this may avoid unjustified switching.

• **TP** – Radio stations displaying TP marking, regularly broadcast traffic information. Operates continuously as basic RDS function.

• **TA** – the active TA function allows traffic and road information announcements to be heard. When an announcement is received the text **TRAFFIC** will appear on the display. If music or a movie is being played from a USB/microSD or Bluetooth source, it will pause during the announcement then playback will continue.

• **PTY** – program type: radio station identification according to predefined genre. It is possible to search for broadcast with specific content, for example: news, classical music, pop music, ...

• **EON** – device continuously monitors other networks for traffic information. (Currently unavailable for this device.)

### Switching on and off FM RDS

The **PS** and **TP** services will always work when the radio station provides this. Other RDS functions can be switched on or off individually with the remote control's AF, TA, PTY buttons. Indications of currently active functions are visible on the display.

• Occasionally, you may find that certain characters appear incorrectly or not at all. This is mainly affected on the special or accented characters and not the fault of the device.

Depending on the reception area, the following PTY types can be selected:

|             |                 |              |                   |
|-------------|-----------------|--------------|-------------------|
| NEWS        | News            | WEATHER      | Weather           |
| AFFAIRS     | Affairs         | FINANCE      | Financial affairs |
| INFO        | Information     | CHILDREN     | Kids program      |
| SPORT       | Sport           | SOCIAL       | Social affairs    |
| EDUCATE     | Education       | RELIGION     | Religion          |
| DRAMA       | Drama           | PHONE IN     | Phone-in show     |
| CULTURE     | Culture         | TRAVEL       | Travelling        |
| SCIENCE     | Science         | LEISURE      | Free time         |
| VARIED      | Varied          | JAZZ         | Jazz              |
| POP MUSIC   | Pop music       | COUNTRY      | Country music     |
| ROCK MUSIC  | Rock music      | NATION MUSIC | National music    |
| EASY MUSIC  | Pop music       | OLDIES       | Retro music       |
| LIGHT MUSIC | Amusing music   | FOLK MUSIC   | Folk music        |
| CLASSICS    | Classical music | DOCUMENT     | Document          |
| OTHER MUSIC | Other music     | TEST         | Test/alarm        |

### PLAYBACK – from USB/microSD storage

If you wish to listen to music from a USB/microSD source instead of listening to the radio, simply connect the external storage. The unit will detect this and start playback automatically. The file name, track number, total time and elapsed time of song, total number of tracks, name of artist and title of the song will appear on the display. Information connecting to the track can be displayed only, when played file includes them. In addition play mode: repeated, random, or repeating all tracks or repeating current track is visible on the screen as well. Desired feature can be set with the two touch buttons on the right edge of the bottom line. In this line, the first button displays the playlist, which you can switch to any song by tapping it twice.

• **II** : playback or pause

• **III** : press the buttons briefly to reach the previous or next track or keep holding them for quick search

• Recommended file system of memory is: FAT32. Do not use memory unit with NTFS format!

• If the unit does not emit sound, or the USB/microSD memory is not recognized, remove and reinsert the memory. If this is ineffective, try to choose the signal source again. If necessary, turn it off and back on!

• If the unit cannot recognize the files or one part of them, copied on the external storage, then proceed as described in the previous paragraph, or you can insert the USB to the device which is already switched on; at that time the system will read in and update the entire content of it.

• Remove the storage only, when you switched to source different from USB/microSD/TF memory or the device has switched off! Otherwise the data can get injured.

• It is forbidden to remove the connected external storage during playback!

• By inserting the memory unit, playback will start from the first track. If you have listened to it previously, and it hasn't been removed, then the playback will continue from the last played track, even if the device has been switched off in the meantime...

• USB unit can be pulled out simply. microSD/TF card can be removed after pushing them in. In this latter one should be pushed firmly when inserting. In case of proper connection, the card doesn't extend from the device (behind the front panel).

• The USB and SD unit can be inserted only in one way. If it would get stuck, turn it over and try again, do not force!

• Pay attention to the storage, extending from the device not to disturb you a safe driving, and do not shove or break it!

• It is recommended to use microSD card preferably, since it can be used more safely. Due to the limited space, not all USB devices can be inserted.

• If you leave the external storage in the vehicle in extreme hot or cold, it can get injured.

• Unique features of the external storage can cause abnormal operation; this is not a malfunction of the unit! The "UNSUPPORTED" storage device could not be read due to a unique parameter or incompatible files on it. Do not store files that this unit cannot read!

• Occasionally, you may find that certain characters appear incorrectly or not at all. This is mainly affected on the special or accented characters and not the fault of the device.

### Photo and video display from USB/microSD storage

The unit is capable of playing most popular image and video files from an external storage device. A list of supported file types is included later in this user manual.

• For ensuring the safety of driver and passengers, the driver must not watch video files on the screen while the vehicle is moving. In order to that – if the device is connected according to the prescriptions – playing of video files available only, when the car handbrake is retracted. Otherwise the screen remains dark, only the voice will be audible.

• If there is/are monitor(s) connected for the reference of passenger(s) at the back seat(s), then it/they remain(s) workable during the vehicle is moving.

• Built-in monitor will work as full-value monitor while videos are played, when the switch of the handbrake connects the safety wire of radio with the vehicle's body point. (BRAKE DETECT cable (-12 V) to the negative polarity in case the handbrake is retracted)

• It is recommended to touch the metal housing of the radio with this wire, during testing or disable this security feature in the system settings menu.

## Video playback on external monitor

An external video display can be connected to the device with the **V-OUT** yellow RCA socket on the backside. The monitor for rear passengers can be used. Narrator voice is audible through the speaker of the car or through an amplifier (option).  
- If a black-white image is displayed on the external monitor, check its settings and the material's quality being played.  
- In case of noisy, poor picture quality, make sure the connection cable is correct!

## File manager – overview of available multimedia files

You can easily check and select the available files to be played from the currently active storage device. During playback of audio or video file, tap the first icon (list) in the bottom list to review the playlist. Playback starts by double-tapping the selected file.

## USING WIRELESS BT FUNCTIONS

The device can be paired with other equipment which is communicating by BT protocol, within maximum 10 meters operation range. After that, music which is played by mobile phone, tablet, notebook and other similar device is audible amplified. In case of incoming call, it is possible to answer call, make the call hands-free and cancel call, without touching the phone. The car radio can be connected with built-in microphone and 3 meter long wire (backside MIC socket), it also has external microphone for telephone conversations. Lead the cable of the wired microphone hidden behind the plastic slats fixing the dashboard and the carpet, and place the microphone nearby your mouth, close to the awning or column "A". With this, your talking partner can hear you in even better sound quality. Make sure the windows are closed during call, as the trip noise significantly impedes the clarity of the speech.

Following extra functions are available: receive phone call, display the caller with number, starting a call with the touch screen's number buttons, call list (incoming, outgoing and missed calls), phonebook management, controlling your mobile phone's music player or listening to music on your mobile on-line.

The **BT** function can be accessed from the main menu, where you can get to with the **M/N** button or by touching the **HOME** (house icon). Look for the **BT** devices in the vicinity, including this car radio, as described in the operating instructions of the paired device. Connect the two devices together. If it requires password, enter: 0000 (can be changed in the "settings" menu). You can then hear a phone conversation or music from your phone's speakers. In case of the connection is successful, the type of the phone connection is immediately displayed on the screen. Buttons at the bottom of the screen:



- **Dialer, start a call to any number**; in case of a dual SIM card phone, depending on the setting, you may be required to confirm the call on the phone. This can be avoided by adjusting the phone (depending on the type).

- **Call list**: the list of incoming, outgoing and unsuccessful calls can be updated with the fourth button in the first column; your phone may ask for permission from you (you can enable auto-update for re-connections on this device's "settings" menu).

- **Phone book, contact list**: if you have synchronized the phone as described above, the contact list is displayed.

- **Wireless music playback**: the music player application on your phone can be remotely controlled from the radio's touch screen.

- **To view and remove the connected phone**: touch the phone type and after that the appearing "X" to disconnect the phone.

Start playing with the music player of mobile phone or other similar device and music is audible through the car speakers. In case of incoming calls, you answer or cancel call with the help of the touch screen, while music playback is paused.

- **One radio can be paired with one BT device at the same time. Actual operation range depends on the other device and environmental conditions (e.g. 5 m).**

- **Volume and sound quality of BT connection is affected by the audio settings of connected mobile phone.**

- **Occasionally, you may find that certain characters appear incorrectly or not at all. This is mainly affected on the special or accented characters and not the fault of the device.**

## Display of rear view and front camera picture

In case of proper connection of the device, picture of connected rear view camera (optional: SA 143) will be automatically appear on the screen, if the vehicle starts to reverse. Specified rear-view camera RCA socket (**R-CAM**) has to be used and **REAR CAMERA** wire (+12V) has to be connected to the reversing lamp. After the reversing has finished, the device will switch back to the previous position. As long as the **REAR CAMERA** wires are connected to +12V, this video input will be active and only the image of external source connected to this socket will be visible on the screen. Other functions of the device cannot be operated during this time.

- You can also connect a front camera to the **F-CAM** RCA socket, which can be accessed from the main menu using the **F-CAM** icon. In the absence of video signal, the screen displays **NO SIGNAL**. You can return to the main menu by tapping the top left corner of the touch screen or by pressing the **M/N** button. If you use two cameras at the same time, you will automatically see the first camera's image on the monitor for 10 seconds when switching from reverse to forward. Without the first camera, disable its input in **SETTINGS/SYSTEM** menu.

## VIDEO-IN – Displaying the picture of the external source

Beside the two cameras, a third source can be connected as well to the device, e.g. TV tuner, DVD or multimedia player. Use the **V-IN** RCA socket located on the backside and the **R IN, L IN** RCA sockets for stereo sound input. To activate the function, select the **AUX / AV IN** option from the main menu.

## AUX IN – Stereo sound input

With the help of a stereo plug with 3,5 mm diameter, you can connect such external device to the **AUX** input, located on the front panel, which has earphone/audio output. You can listen to this portable device through the speakers of the car in high sound quality, if you select the **AUX / AV IN** input. Connectable devices with wire: e.g.: mobile phone, multimedia player, CD/DVD player, navigation...

- **It is important to have proper settings of playback device to achieve high sound quality.**

- **Purchasing of external adapter may be needed to connect such devices which have audio output different from 3,5 mm diameter.**

- **For further information, check the instruction manual of device to be connected.**

## Connecting external amplifier and active subwoofer

The rear **L OUT** and **R OUT** (white and red RCA socket) allow you to connect an external amplifier or active subwoofer with a low level input (LINE IN). The **SW OUT** RCA jack is also available for connecting an active subwoofer. This output can be enabled from the "settings" menu. This gives you the opportunity to improve volume and sound quality.

## USB telephone charger mode

You can connect your mobile phone to the USB socket for charging purposes. The chargeable current is 5V / 1.0 A.  
- **Please observe the parameters of the devices to be charged and check the manufacturer's instructions in their instruction manuals. Do not use it for any other device that manufacturer requires otherwise.**

## DISPLAY MIRRORING – iOS MIRROR LINK

(for iPhone 6-7-8 series Mirror Link capable telephones)

The special feature of the device is that the image of mobile phones with iOS operating system connected to the USB cable can be displayed as a secondary display on the large touch screen. All applications on the mobile phone – depending on the position of the phone – are displayed in portrait or landscape format. For example music, movies and other content on the phone's memory or from on-line sources, as well as internet radios, maps, navigation applications, POI databases... You do not need to install an additional application on your phone, just enable data sharing as a secure connection after the first – USB cable – connection.

## In case of connection failure:

- Try another USB connection cable
- Restart your phone and check the data sharing permission
- Check, if your iOS phone is suitable for such use (6-7-8 series, with Mirror Link compatibility)
- **If the image is not rotated by rotating the phone, than check that image rotation is enabled. You can also do this from the local control menu that appears after touching the white, untitled button on the left side of the car radio screen.**
- **The image and the sound are transferred to the car radio via the USB cable. Meanwhile, the phone's battery is charging.**
- **The USB cable should also have data transfer function in addition to the charging function. Usually the cable supplied with the mobile phone is appropriate.**
- **If the mirroring of a high resolution video recorded with a mobile phone stutters, choose a lower resolution or install another video player application.**
- **Due to the differences between mobile phones and their operating systems, there may be malfunctions and incompatibilities that are not caused by this device. Connections may be affected by third-party solutions, so its operation, development and changes are independent from the manufacturer of this product.**
- **The operation of screen mirroring and other functions as described herein may not be guaranteed in all cases, in case of reasons independent from the manufacturer.**

## DISPLAY MIRRORING – ANDROID MIRROR LINK

(for iPhone 6-7-8 series Mirror Link capable telephones)

The special feature of the device is to display the image of a mobile phone which is connected with USB cable and which has Android operational system on the large touchscreen as a secondary display. All applications on your mobile phone are displayed in portrait or landscape format, depending on the position of the phone, and can be controlled from the radio's touch screen without touching the phone. For example, music, movies, and other content, as well as internet radio, maps, navigation applications, POI databases, or music from the phone's memory or online.

First, make sure that you have a "QR Code" reader application on your phone. If you have not, install a free version from the Google Play app store.

Then select **PHONE LINK** from the main menu. Two QR codes and some instructions will appear on the screen.

Download the **AUTOLINK** application to install on your phone:



**AMAZON** QR code link; free download directly from the website to the phone:

<https://s3-ap-southeast-1.amazonaws.com/productcenter/release/venues/bootes/common/Autolink.apk>

[http://www.autolink.site:8080/jeeite/static/apk/Autolink\\_basic.apk](http://www.autolink.site:8080/jeeite/static/apk/Autolink_basic.apk)

**GOOGLE** QR code link; free download from Google Play store

<https://play.google.com/store/apps/details?id=com.link.autolink>

As the third option, you can locate and install the **AUTOLINK** application with the logo above manually from the Google Play store.

- **Download a file directly from the website to your phone and install the application independently of the store, such as the "AMAZON" link.**

After installing the application, connect the phone with a USB data cable. Instructions on the screen:

CONNECT PHONE:

1. OPEN USB DEBUGGING

2. CONNECT USB LINK

Set the phone correctly:

- **SETTINGS** menu / **DEVELOPER OPPORTUNITIES /**

**USB TROUBLESHOOTING /** **USB CONNECTION:** on (enable)

- Below the previous menu item: **USB TROUBLESHOOTING**

**RELEVANT PERMITS:** on (enable)

- **This question usually automatically appears on the phone's opening screen or on its scrollable informational window after connecting the USB cable. Allow it to be permanently, so that it does not need to be repeated after each connection!**

- **It is recommended to have the screen lock switched off for easier operation or to set an unlocking mode on the phone, which is easier even from the car radio.**

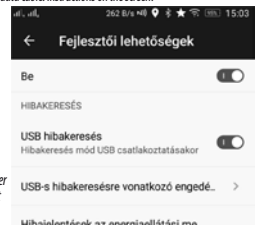
Android screen mirroring is only available if the **AUTOLINK** application is installed and the USB troubleshooting mode, as well as sharing data security setting is permitted on the phone. Unlock the screen lock on the phone and connect the phone's cable to the radio's USB socket. If the connection process does not happen automatically, touch the **CONNECT PHONE** (connect phone) button on the car radio screen. When a successful connection is made, the image of the mobile phone immediately appears on the screen.

## In case of connection failure:

- Verify that **AUTOLINK** is installed on your phone
- Try another USB connection cable
- Restart your phone and check developer, USB connection settings, and data sharing permissions
- Verify that your Android phone is suitable for such use (Android 5.0 and newer, with Mirror Link compatibility)
- **If the image does not rotate when the phone is rotated, then check if the image-rotation is permitted in the scrollable menu. You can do this with local controller menu, which appears after tapping the white, unlabelled button on the car radio's left side.**
- **The picture is transmitted via the USB cable to the car radio while the sound is over the wireless BT connection. Meanwhile, the phone battery is charging.**
- **The USB cable must have a data transfer function in addition to the charging function. In general, the cable supplied with your phone is good.**
- **Due to the significant differences between mobile phones and their operating systems, there may be malfunctions and incompatibilities that are not caused by this device. The application which insures connection is a product of a third therefore its operation, development, and changes are independent of the manufacturer of this product.**
- **The screen mirroring and other functions described in this manual cannot be guaranteed in any case in existence of reasons independent of the manufacturer.**

## Remote control functions

In order to use the remote control, please remove the insulating film extending from the battery compartment, if the product is equipped with one. If operation becomes unstable or the range decreases, please replace the battery with a new one: CR 2025; 3V button cell.



- When using the remote control, aim it towards the unit's display from a maximum distance of 2 meters!
- In order to replace the battery, turn the remote control facing the buttons down then pull out the battery tray with the battery. Make sure the positive terminal of the inserted battery faces upward.
- **WARNING! IMPROPER BATTERY REPLACEMENT CAN CAUSE RISK OF EXPLOSION BATTERY MAY BE REPLACED WITH SAME OR REPLACING TYPE ONE DO NOT EXPOSE THE BATTERY TO DIRECT HEAT AND SUNSHINE AND DO NOT THROW IT TO FIRE! IF THERE IS SOME LIQUID FLOWN OUT FROM THE BATTERY, TAKE A PROTECTIVE GLOVE AND CLEAN THE BATTERY HOLDER WITH A DRY CLOTH. KEEP THE BATTERY OUT OF REACH OF CHILDREN! IT IS FORBIDDEN TO OPEN, BURN, SHORT CIRCUIT AND CHARGE THE BATTERY! RISK OF EXPLOSION!**
- THIS PRODUCT CONTAINS BUTTON CELL BATTERY MUST NOT BE SWALLOWED, RISK OF CHEMICAL BURN! IN CASE OF SWALLOWING, IT WILL CAUSE STRONG INTERNAL BURN AND CAN LEAD TO DEATH, KEEP THE NEW AND USED BATTERIES OUT OF REACH OF CHILDREN! IF THE COVER OF THE BATTERY HOLDER CAN NOT CLOSE SAFELY, DO NOT USE THE PRODUCT AND KEEP OUT OF REACH OF CHILDREN. IF YOU THINK THE BATTERY HAS BEEN SWALLOWED OR GOT INTO ANY OF BODY PART, CONSULT A DOCTOR IMMEDIATELY!



|                       |  |
|-----------------------|--|
|                       | turn on- and off by keep pressed / press briefly for sound on and off  |
|                       | play / pause   |
| <b>MODE</b>           | selection of signal source   |
| <b>CLR / SYS</b>      | calling number delete in case of BT calling  |
| <b>SEL / PTY/GOTO</b> | selection / radio program type / step forward  |
|                       | tuning / stepping / quick searching  |
|                       | tuning / stepping / quick searching  |
|                       | menu handling, stepping, setting, rotating, monitor movement   |
| <b>ENT</b>            | confirm operations   |
| <b>BND</b> /          | waveband / stop / end or reject call   |
|                       | telephone-radio change / call receiving or starting it or calling back   |
| <b>1 / OSD</b>        | display information (video playback)   |
| <b>2 / AUDIO</b>      | audio channel (video playback)   |
| <b>3 / ANGLE</b>      | camera position option (video playback)  |
| <b>4 / REP</b>        | repeat modes (media playback)  |
| <b>5 / RDM</b>        | random order playback (media playback)   |
| <b>6 / INT</b>        | track presenter (media playback)   |
| <b>7 / SUB-T</b>      | FM local reception / subtitle (video playback)   |
| <b>8 / TITLE</b>      | FM stereo-mono / title film (video playback)   |
| <b>9 / ZOOM/Q</b>     | tuning / magnification (video playback)  |
| <b>0 / SETUP</b>      | settings menu  |
| <b>* / SLOW</b>       | deceleration (video playback)  |
| <b>CLK / AF / -10</b> | clock / alternative frequency / step back 10 programs station searching / traffic information / step forward 10 tracks |
| <b>AMS / TA / +10</b> | multimedia main menu (video playback)  |
| <b># / MENU / PBC</b> | multimedia main menu (video playback)  |
| <b>EQ / LOUD</b>      | tone setting / bass emphasis   |
| <b>VOL+</b>           | increase volume  |
| <b>VOL-</b>           | decrease volume  |

#### Usage of car steering-wheel remote control

Car radio is ready for operation with the most common, factory built-in steering wheel remote controller. Radio can be controlled with steering wheel remote in such vehicles, where the control is based on function-assignment defined by specific resistance values, connecting to the negative potential through different resistors. Check the suitability of your vehicle at the distributor.

- If your vehicle is suitable, you can teach the functions you want to operate by going from button to button at the penultimate menu point of the SETTINGS menu.
- Teaching the SWC steering-wheel remote control: tap one of the control buttons on the top screen, then hold pressed on the wheel button, which you want to pair this function with. If it is successful, a message appears on the screen. Continue to teach the other buttons and confirm the settings with the confirming button at the end. If a problem occurs, contact a specialist.

#### File formats supported by your device

- Supported video subtitle files: TXT, SRT, SSA, SUB
- An "incorrect file" message will be displayed for unsupported or corrupted files.
- Playback even of supported files is not guaranteed in all cases as it may be affected by software and hardware conditions which are independent from the manufacturer.
- Ideally, although not recommended, displaying photos and videos that are compatible with the built-in screen resolution (no higher resolution) is recommended. Occasionally conversion may be required for smooth playback.
- Opening or storing unusually high resolution photo and video files on the connected media is not recommended. Also, do not store any type of file that this unit cannot handle!
- There may be differences in volume between different audio and video files due to their different parameters.

#### To know about 7" TFT LCD screen

- Do not press, just touch the icons on the screen carefully, while it is in use!
- Protect from extreme temperature changes, shock, moisture!
- Do not clean with chemicals!

#### WARNINGS

- Before starting to use the player, read these instructions carefully, then keep them in an accessible place for future reference. - Seek professional assistance if necessary to prevent damaging the unit or motor vehicle! - The operation of the device may be affected by software and hardware that are independent from the manufacturer. - Occasionally, some characters may not be displayed properly or at all. This can mainly affect special or accented characters and is not the fault of the device. - The BT range for this product is about 5-10 meters in free space. Under other conditions this information may change. - Depending on the compressed files, the MP3 compression program used, and the quality of the USB/SD memory, anomalies may occur during playback, which are not due to the unit malfunctioning. - The playback of copyrighted DRM files is not guaranteed! - It is also possible to connect MP3/M4A/M4V players using a USB cable but avoid connecting external hard drives this way! - Do not store any additional files on the USB/microSD device other than playable files, because they can slow down or interfere playback. - Do not store data storage in the vehicle if it is exposed to freezing or extremely high temperatures! - While underway, do not do anything that distracts your attention from driving. Handling the player while driving can result in accidents. Spend minimum time watching the display! - Do not listen to the player too loud. Set a volume that allows you to hear external sounds while driving. Extreme volumes can also cause permanent damage to your ears! - Do not disassemble or remake the player, as that can cause fire, accidents, or electric shock. - Incorrect use or installation renders the warranty void. - Only for use in cars with a 12 V battery and a negative ground. Using the player for any other purpose can result in electric shock, damage, or fire. The player was designed exclusively for use in vehicles! - Always use melting fuses with the proper values. When replacing a fuse, make sure that the new fuse has the same

nominal value as the one you are replacing. Using a different fuse can cause fire or damage (15 Amper) - Do not block the player's cooling vents, as that can cause its circuits to overheat, resulting in fire. Install the player properly to ensure adequate ventilation. The air vents around the edge must be left free. - Ensure that warm air from the ventilation system of the car is not directed to the opened side of the screen! - Prior to wiring/installation, be sure to remove the car battery's negative terminal connection! This will prevent any electric shock, short circuit or malfunction. - While installing the player never cut through cables or damage their insulation. Doing so can result in short circuit and fire! - Before drilling holes or inserting screws into your vehicle's body make sure you do not damage tubes or electric wires on the other side of the cover. - Do not connect to any electric systems of your vehicle that operate steering, brakes, or any other safety function. Doing so can result in loss of control over the vehicle, and can cause fire. - Do not install the player or its accessories in a location where they can prevent you from controlling the vehicle safely, e.g., nearby the steering wheel and the gear shift. - Make sure that wires do not coil around neighboring objects. Arrange cables and wires in a way that does not hinder you in driving. Wires that interfere with your movement or hang over the gear shift, the brake etc. are extremely dangerous. - In case of any malfunction, turn off the player immediately, and consult your distributor. Many malfunctions are very easy to detect (e.g., no sound, bad smell, smoke, an external object inside the product etc.). - Make sure that no external objects get into the USB socket or the memory card slot, as these can cause fatal damage. - Protect from dust, damp, liquids, heat, moisture, frost and impact, as well as direct heat or sunlight! - When leading the connection cables make sure that their insulation does not get damaged by any sharp metal objects nearby! - Do not connect any cables while the device is working. Never turn on the system with the volume at the maximum level! Cracking or other noise impact occurring that time can immediately damage the speakers irreversibly! - The warranty is not applicable to damage caused by irresponsible or improper installation or use! - A Sonogy Elektronik Kft. certifies that this radio equipment conforms to directive No. 2014/53/EU. Full text of EU Declaration of Conformity is available on the following address: [sonogyi.com/hu/](http://sonogyi.com/hu/) - Due to continuous improvements, the technical data and design may change without any prior notice. - We don't take the responsibility for printing errors which may occur, and apologize for them.

#### PRECAUTIONS

##### Cleaning

Use a soft, dry cloth and a brush for regular cleaning. To remove stronger stains, wet the cloth slightly with water. Avoid scratching the display's surface; never wipe the display when it is dry, and do not use a rough cloth to clean the display. Even during gentle wiping, support the screen from the backside! Do not use detergents! Make sure no liquid gets inside the product or onto the connectors!

##### Temperature

Before turning on the player make sure that the temperature inside the car is between 0°C and +40°C, as the product is only guaranteed to operate properly within this temperature range. Extreme weather conditions can damage the product.

##### Location and installation

When installing the product, make sure it will not be exposed to any of the following:

- direct sunlight or heat (e.g. from the heating system), - moisture, high humidity, - a significant amount of dust, - strong vibration

**Warning!** Manufacturer doesn't take responsibility for lost or damaged data, even if these data, etc. have been lost during the use of this product. It is recommended to make a safety copy about the data, tracks –located on the data storage- to your computer.

##### Proper handling of USB/SD memory unit

To avoid malfunction and errors, please observe the following:

- Carefully read the instructions of the USB/SD storage device or media player. - Do not tap the connectors with your hands or any object; keep the connectors clean. - Protect the USB/SD device from strong shocks. - Do not bend, drop, disassemble or modify these devices, and protect them from wet!

Do not use or store the device in the following locations:

- Anywhere inside the vehicle where it is exposed to direct sunlight or high temperature. - Any place with a high humidity or where corrosive materials are present. - Place the device in a location where it does not hinder you by driving.

Further important notes:

- USB/microSD memory devices may not function properly at extremely high or low temperatures. - Only use high-quality USB/microSD devices. Depending on their type and condition, even such high-quality products may not always work properly. The proper operation of these devices is not always guaranteed. - Depending on the type and condition of the USB/microSD device and the settings used in the software that encoded the MP3 files, the player may not detect or play back certain files. - Playing of copy-protected (copyrighted) files is not guaranteed. - The USB/microSD memory device may need a certain amount of time before playback can start. If the device also includes non-audio files, the time needed for playback to start may be significant. - Do not remove the USB/microSD device while playback is in progress. Switch to signal source different from USB/microSD, and then remove the USB/microSD unit, in order to protect it from potential damage. - If you connect a portable audio player instead of a USB/microSD memory through the USB port, and the device has an MSC/MTP setting, choose the MTP option.

##### INSTALLATION (Only a specialist can install the device!)

- Depending on the vehicle's design, additional metal straps or other means of fastening may be required. The manner of installation may differ from the instructions depending on the vehicle model!
- Connect the unit's wiring according to the instructions. Inspect the connectors in the vehicle for suitability according to the wiring instructions in this manual. Make sure that the connections are properly made and free of short circuits. The speaker wiring should be conducted properly!
- It is prohibited to connect any of the speaker wires to the vehicle's or batteries negative terminal/grounding point! (e.g. black power cable or metal part on the vehicle)
- It is forbidden to connect any of the right and left channel's speaker wires.
- In order to protect audio system from external noises:
  - Locate the device and lead the cables at least 10 cm far from the car dashboard- cables.
  - Keep the battery power cables as far from any others as you can.
  - Grounding cable should be connected securely to a clean surface of the car chassis, free from paint, dirt and grease.
  - In case of connecting noise reducer, place it as far as possible from the unit, in case of noise reducer connection.

##### Speaker connections / fault connection

In some cases, increasing the volume will not proportionally increase the bass level. This is dependent on the number of speakers used and their positioning, moreover, a speaker in the vehicle might also be wired out of phase.

##### 1. When two front speakers are used:

- Reverse the +/- polarity of either the right or left front speaker (the wires leading to either speaker should be reversed anywhere between the head unit and the speaker).

##### 2. When four speakers are used:

- A. If both the front and rear speakers are built into the doors (or otherwise isolated from each other, such as in a sound box), then the polarity of either speaker in both the front and rear should be reversed.
- B. If the front speakers are built into the doors but the rear speakers are built into the hat rack panel, then only the polarity of either front speaker should be reversed. The rear speakers' wires should remain unaltered.



To prevent possible hearing damage, do not listen at high volume levels for long periods.

Waste equipment must be collected and disposed separately from household waste because it may contain components hazardous to the environment or health. Used or waste equipment may be dropped off free of charge at the point of sale, or at any distributor which sells equipment of identical nature and function. Dispose of the product at a facility specializing in the collection of electronic waste. By doing so, you will protect the environment as well as the health of others and yourself. If you have any questions, contact the local waste management organization. We shall undertake the tasks pertinent to the manufacturer as prescribed in the relevant regulations and shall bear any associated costs arising.

**autorádio a multimediálny prehrávač**

Pred použitím výrobku si pozorne prečítajte tento návod na použitie a starostlivo si ho uschovajte. Tento návod je preklad originálneho návodu.

Spotrebiteľ nie je určený na používanie osobami so zníženými fyzickými, zmyslovými alebo mentálnymi schopnosťami, alebo s nedostatkom skúsenosti a vedomostí, vrátane detí od 8 rokov, používať ho môžu len podľa im osoba zodpovedá za ich bezpečnosť, poskytuje dohľad alebo ich poučí o používaní spotrebiča a pochopia nebezpečenstvá pri používaní výrobku. Deti by mali byť pod dohľadom, aby sa so spotrebičom nehrali. Čistenie alebo údržbu výrobku môžu vykonávať deti len pod dohľadom.

Po nabití výrobku skontrolujte, či sa výrobok počas prepravy nepoškodil. Nedávajte deťom biele výrobky, keď obsahujú sáček alebo iný nebezpečný komponent!

**HLAVNÁ CHARAKTERISTIKA**

**ZRKADLENIE iOS A ANDROID OBRAZOVKY\*\* / VŠETKY APLIKÁCIE TELEFÓNŮ SÚ ZOBRAZENÉ A OVLÁDATEĽNÉ NA AUTORÁDII\*\***

• 7,0" (18 cm) fixný LCD dotykový displej • 2 x DIN rozmer • RGB podsvietenie tlačidla, možnosť zmeniť farbu • Prehrávanie rádia/hudby/obrazu/video • Bezdrôtové BT spojenie • 2in 1: integrovaný a štípkový externý mikrofón • Telefonovanie bez dotyku mobilného telefónu • Hlasité odposluch telefonného hovoru • Zobrazenie telefonného zoznamu a zoznamu volaní na displeji • Pripojiteľné jednotky USB/microSD • Pamäť na 30 AM/FM stanic s RDS funkciami • Prijem dopravných informácií • Individuálne nastavenie hlasitosti • 10 pásmový grafický regulátor hlasitosti • Predný a zadný vstup pre kameru • Automatická funkcia čúvacej kamery (opcia: SA 143) • Možnosť pripojenia dvoch monitorov pre cestujúcich • Dialkové ovládanie z volantu • 5 jazykový menu (EN/HU/SK/RO/SRB) • 4 x 50 W Hi-Fi výstup na reproduktory • 3,5 mm AUX vstup pre prenosné zariadenia • 2+1 x RCA výstup pre zosilňovač + aktívny basový reproduktor • 2+1 x RCA video vstup a 1 RCA video výstup

\* pre iPhone 6-7-8 a Android 5.0 alebo novšiu verziu telefónu s podporou Mirror Link, s prepojením pomocou USB dátového kábla; v prípade Androidu treba stiahnuť jednu aplikáciu

\*\*iPhone: zrkadlenie, Android: zrkadlenie a ovládanie na displeji autorádia

**UVEDENIE DO PREVÁDZKY**

Tento výrobok môže byť spárovaný so smartfónom. Preto pri zhotovení tohto návodu sme predpokladali, že používateľ má všeobecné znalosti o používaní smartfónov. Nastavenie a používanie tohto rádia je veľmi podobné používaniu mobilných telefónov a tabletov.

**Nastavenie prístroja do východiskového stavu**

V prípade abnormálneho správania so prístrojom (vrátane jeho displeja) treba vymazať dáta mikroprocesora. K tomu tenkým hrotom stačíča tlačidlo **RESET** (10), po ochrátnym krytom. Po vypnutí, zapnite znovu (S).

**Zapnutie a vypnutie, stísenie prístroja**

Prístroj zapnete tlačidlom (S) **VOLUME**. Displej sa zapne a prístroj sa prepne do posledného použitého režimu.

• Neskr, po zapnutí prístroja sa automaticky prepne do posledného použitého režimu, za predpokladu, že medzičím externé zadnenie nebolo odstránené.

• Pri štartovaní motorového vozidla vzniknú napätové impulzy, preto prijímajte zapnutie až pri bežiacom motore. Prijímate vypnite ešte pred odstavením motora. Prístroj vypnete 3 sekundovým stlačením tlačidla (S) **VOLUME**.

• Krátkym stlačením tlačidla (S) **VOLUME** za- a vypnete reproduktory (MUTE).

**Nastavenie hlasitosti, ekvalizéra a kvality obrazu**

Požadovaný hlasitosť nastavte otočným gombíkom: **VOLUME 00 – 40**. Na hornej časti displeja môžete vybrať nastaviteľný parameter (hlasitosť, ekvalizér alebo podmenu kvality obrazu). Dotknite sa želaného tlačidla, potom pomocou tlačidiel dotykového displeja môžete nastaviť audio a video nastavenia.

**NASTAVENIE HLASITOSTI**

1. zvolte menu **HLASITOSTI**
2. prstom posúvajte posuvník
3. dotykom môžete reproduktory vypnúť a zapnúť



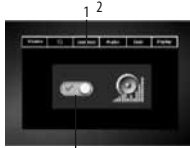
**PREDNASTAVENÝ EKVALIZÉR**

1. zvolte menu **EQ**
2. dotknite sa niektorej ikony
3. v menu **NASTAVENIA** môžete nastaviť vlastné nastavenie



**FYZIOLOGICKÝ EKVALIZÉR**

1. zvolte menu **LOUDNESS**
2. dotykem spínača môžete funkciu zapnúť alebo vypnúť



**EKVALIZÉR**

1. zvolte menu **EKVALIZÉR**
2. posuvníkom nastavte vysoké tóny
3. podobne nastavte aj nízké tóny



**PRIESTOROVÝ ZVUK**

1. zvolte menu **PRIESTOROVÝ ZVUK**
2. posuvníkom optimalizujete zvuk pre dané sedadlo vozidla



**NASTAVENIE KVALITY OBRAZU**

1. zvolte menu **OBRAZOVKY**
2. zvolte po jednom jednotlivé parametre
3. posuvníkom nastavte jednotlivé parametre podľa potreby

**VOLUME:** hlasitosť/ **EQ:** ekvalizér; **Standard, Classic, Rock, Pop, Jazz, Electric, Custom** (vlastné nastavenie) / **LOUDNESS:** fyziologický ekvalizér zap/vyp / **AUDIO:** TREBLE-BASS (vysoké a nízké tóny) / **FIELD:** spoločná regulácia hlasitosti všetkých 4 reproduktorov (balance, fader) / **DISPLAY:** brightness, contrast, hue, saturation, sharpness (jas, kontrast, farby, ostrosť, jas, kontrast, farebný odtieň, sýtosť farby, ostrosť)

**AUDIO A VIDEO NASTAVENIA SÚ PRÍSTUPNÉ AJ CEĽ TÚTO KLÁVESOVU SKRATKU**

- V podmenu **AUDIO** menu **SETUP** (nastavenia) je možnosť upraviť firmové nastavenia ekvalizéra podľa vlastných požiadaviek pomocou 10 pásmového grafického ekvalizéra.
- Pri vysokej hlasitosti nezodružujte prítisť hlboké a nízké tóny, môže spôsobiť skreslenie zvuku!
- Funkcia **EQ** vymaže predchádzajúce nastavenie hlbokých a vysokých tónov a opadne.

**Fyziologický ekvalizér**

- Pri nižšej hlasitosti ľudské ucho je menej citlivé na nížke a vysoké tóny. Zapnutím funkcie **LOUDNESS** sa tento jav pri nižšej hlasitosti koriguje automatickým ekvalizérom. Pri vyššej hlasitosti sa ho odporúča vypnúť pre obmedzenie skresleného zvuku.
- V záujme kvalitejšieho zvuku **po použití tejto funkcie odporúčame EQ vypnúť (napr. STANDARD) a regulatory basov a výšok nastaviť do polohy „0“.**
- Čím vyššia je hlasitosť, tým menej citlivá automatického ekvalizéra.

**Kľavesová skratka pre pohodlné nastavenia**

Pre rýchly prístup miestnych menu v závislosti na aktuálnom režime na hornom alebo dolnom pruhu obrazovky sa zobrazia rôzne kľavesové skratky. Niektoré funkcie:

- 1., ikonka obrazovky vypína obrazovku. Pri otvorení displeja sa tak môžeme vyhnúť rušivým svetlami pri nočnej jazde. Dotykom displeja na jeho korekčiek časti sa znovu zapne.
- 2., vyššie popisované menu nastavenia zvuku a obrazovky.
- 3., funkcie bezdrôtového spojenia BT, správanie zariadenia, telefonný zoznam, zoznam volaní, vytáčanie, prehrávanie zvukových súborov.
- 4., Stránkovanie hlavného menu pre voľbu funkcií.



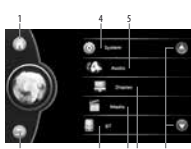
**KLÁVESOVÁ SKRATKA REGULÁCIE JASU OBRAZOVKY VEDA TLAČIDLA**

A VIACNÁSOBNÝM STLAČENÍM TLAČIDLA SA DÁ REGULOVÁT JAS A VYPNÚŤ OBRAZOVKU.

**DOTKNITE SA VYPNUTEJ OBRAZOVKY KĎOKOLKÁ A ZNOVU SA ZAPNE. POSLEDNÁ FUNKCIA V MENU „NASTAVENIA“ JE INDIVIDUÁLNE NASTAVENIE SVIETVOSTI.**

**Základné nastavenia, voľba jazyka**

Stlačte tlačidlo **M/N** (7) alebo ikonu **HOME** (domček) na displeji a v hlavnom menu dolava nalistujte menu **SETUP** (ozubné koliesko). Pre úpravu daného nastavenia sa dotknite praveho kraja zvoleného riadku.



1. návrat do hlavného menu
2. o jednu úroveň späť
3. krokovanie riadkov menu
4. nastavenia **SYSTEMU**
5. **ZVUKOVÉ** nastavenia
6. nastavenia **OBRAZOVKY**
7. nastavenia **MEDIA**
8. nastavenie **BT spojenia**

Pre ďalšie položky menu zvolíte smerom dole.

|                |  |
|----------------|--|
| <b>SYSTEM</b>  | geografická poloha používania / <b>jazyk menu</b> / zobrazenie loga výrobcu (heslo: 6556) / predná kamera / zadná kamera / detekcia zapnutého svetlometu (podsvietenie sa zapne spolu s osvetlením vozidla) / detekcia parkovacej brzdy / výstup pre aktívny subwoofer / zvuková signalizácia dotyku |
| <b>AUDIO</b>   | individuálne nastavenie ekvalizéra / nastavenie kanálov ľavý-pravý a predný-zadný / <b>LOUDNESS</b> zap./vyp.  |
| <b>DISPLAY</b> | jas, kvalita obrazu (zvoľte podľa okolitých svetelných podmienok) / nastavenie individuálnej (CUSTOM) kvality obrazu   |
| <b>MEDIA</b>   | pomer strán obrazu pri prehrávaní videa (4:3 Pan Scan alebo 16:9 Wide Screen)  |







**radio auto și player multimedia**

Înainte de utilizarea produsului vă rugăm să citiți instrucțiunile de utilizare de mai jos, și să păstrați manualul de utilizare. Manualul original este în limba maghiară. Acest aparat nu este destinat utilizării de către persoane cu capacități fizice, senzoriale sau mentale diminuate, ori de către persoane care nu au experiență sau cunoștințe suficiente (inclusiv copii); copiii peste 8 ani pot utiliza aparatul în cazul în care sunt supravegheați de către o persoană care răspunde de siguranța lor, sau sunt informați cu privire la funcționarea aparatului în condiții de siguranță și au înțeles ce pericole pot rezulta din utilizarea necorespunzătoare. În cazul copiilor supravegheați este recomandabil pentru a evita situațiile în care copiii se joacă cu aparatul. Căruțarea sau utilizarea produsului de către copii este permisă numai cu supraveghearea unui adult. După deschiderea, asigurați-vă că aparatul nu a fost deteriorat în timpul transportului. Tineți copiii la distanță de ambalaj, în cazul în care acesta include pungă sau alte obiecte care pot fi periculoase!

**CARACTERISTICI PRINCIPALE**

**OGLINDIRE ECRAŢ IŢOS ŞI ANDROID\***

**TOATE APLICĂŢIILE TELEFONULUI SUNT VIZIBILE ŞI POT FI COMANDATE DE PE RADIOUL AUTOVEHICULUI\*\***

- ecran tactil LCD fix 7,0" (18cm) • aparat cu dimensiuni 2xDIN • lumină de fundal la butoane cu selecția culorii RGB • conexiune BT fără fir • 2in1: microfon incorporat și extern cu demă • convorbire telefonică fără atingerea telefonului • amplificarea convorbirii telefonice • listă contacte și de apeluri direct pe ecran • posibilitate de conectare echipament USB/microSD • radio AM/FM cu memorie 30 posturi și funcții RDS • recepție posturi de informare din trafic • setări de ton avansate, unice • egalizator grafic cu 10 benzi • intrări pentru camera frontală și de marșarier • funcție automată de cameră marșarier (opțional: SA 143) • posibilitate conectare monitor pentru pasagerii din spate • poate fi comandat de pe butoanele de volan • meniu în 5 limbi (EN/HU/SK/RO/SRB) • ieșiri 4x50W boxe Hi-Fi • intrare AUX 3,5mm pentru echipamente portabile • ieșire RCA 2+1 pentru amplificator + boxă activă de joase • intrare video RCA 2+1 și ieșire video RCA 1x

\*pentru telefoane iPhone 6-7-8 și Android 5.0 sau mai noi compatibile Mirror Link, Conectare prin cablu de date USB; în cazul Android-ului după instalarea unei aplicații

\*\*iPhone: ecranare, Android: ecranare și comandă de pe ecranul radioului

**PUNEREA ÎN FUNCȚIUNE**

Acest produs poate funcționa împreună cu smartphone-uri. Prin urmare, în pregătirea acestei descrieri, am presupus că utilizatorul dispune de cunoștințe generale despre utilizarea smartphone-urilor. Configurarea și utilizarea acestui radio este foarte similară cu utilizarea telefoanelor și a tabletelor.

**Resetarea aparatului**

Dacă dispozitivul funcționează defectuos (inclusiv ecranul), este necesară ștergerea datelor de pe microprocesor și repornirea produsului. Pentru aceasta, ca aparatul să revină la setările de bază din fabrică, apăsați cu agrafă de birou îndreptată butonul RESET (10.), aflat sub capacul de protecție. După ce s-a oprit, reporniți radioul (5.).

**Pornire și oprire, blocare sunet**

Porniți aparatul prin apăsarea scurtă a butonului (5.) **VOLUME**. Va porni ecranul și aparatul va comuta pe ultima funcție utilizată. **Uterior, după pornire, aparatul va comuta automat pe ultimul mod de funcționare utilizat, în cazul în care echipamentul extern conectat nu a fost îndepărtat.**

**-Având în vedere, că la pornirea motorului autovehiculului se pot crea șocuri de tensiune, porniți aparatul doar cu motorul autovehiculului deja în funcțiune. Oprirea aparatului se recomandă să se efectueze înainte de oprirea motorului autovehiculului.**

**Pentru oprire țineți apăsat timp de 3 secunde butonul (5.) **VOLUME**.**

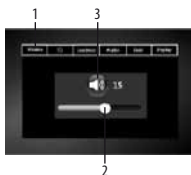
**-Prin apăsarea scurtă a butonului (5.) **VOLUME** puteți bloca și debloca sunetul din difuzoare (MUTE).**

**Setarea volum, ton și calitatea imaginii**

Utilizați **butonul rotativ** pentru obținerea volumului dorit: **VOLUME 00 – 40**. Simultan, în rândul superior al ecranului vor apărea parametri disponibili (submeniurile volum, ton sau rezoluția imaginii). Atingeți pe ecran caracteristica pe care doriți să o setați și prin atingerea butoanelor de pe ecran vă puteți personaliza setările audio și video.

**SETAREA VOLUM**

1. Selectați meniul **VOLUME**
2. Mișcați butonul culisant, ținând degetul pe el
3. Atingeți pentru pornirea și oprirea difuzoarelor



**SUNETE PRESETATE**

1. Selectați meniul **EQ**
2. Atingeți o setare
3. În meniul **SETĂRI** puteți crea un sunet unic



**REGLARE TON FIZIOLOGIC**

1. Selectați meniul **LOUDNESS**
2. Atingeți comutatorul pentru pornire și oprire



**REGLARE TON**

1. Selectați meniul pentru reglarea TON-ului
2. Mișcați butonul culisant la reglarea sunetelor înalte
3. Reglați și sunetele joase



**SETARE SURROUND**

1. Selectați meniul **SURROUND**
2. Mișcați butonul culisant să optimizezi sunetul pentru un anumit scaun din mașină



**SETAREA CALITĂȚII IMAGINII**

1. Selectați meniul **ECRAN**
2. Selectați individual parametrii
3. Folosiți butonul culisant conform preferințelor



**VOLUME:** volum / **EQ:** setări de egalizator; Standard, Classic, Rock, Pop, Jazz, Electric, Custom (setare personalizată) / **LOUDNESS:** ton fiziologic; pornit/oprit / **AUDIO:** TREBLE-BASS (ton înalte și joase) / **FIELD:** control volum la cele 4 boxe concomitent (balance, fader) / **DISPLAY:** brightness, contrast, hue, saturation, sharpness (luminanță, contrast, nuanță, saturație, claritate)



**ȘI CU ACEST BUTON DE ACCES RAPID PUTEȚI AJUNGE LA SETĂRILE AUDIO ȘI VIDEO**

- În meniul **SETUP** (setări), submeniul **AUDIO** aveți posibilitatea de a modifica setările de ton din fabrică, după preferințele personale prioritizându-le asupra regulilor de ton cu **10 benzi**.
- Atunci când osculați aparatul la volum ridicat, nu accentuați în mod semnificativ sunetele de înalte și joase, deoarece se poate crea distorsionarea sunetelor!
- Funcția **EQ** anulează setările anterioare de tonuri înalte și joase și invers.

**Reglarea fiziologică a tonului**

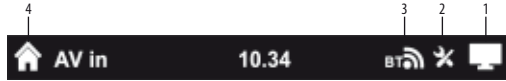
Urechea umană, la un volum scăzut, sesizează mai puțin sunetele de frecvență înaltă și joasă. Prin activarea funcției **LOUDNESS** la un volum scăzut, acesta se poate corecta prin reglarea automată a tonului. La un volum mai mare recomandăm dezactivarea acestei funcții, pentru a preveni zgomotele distorsionate.

- Pentru o calitate mai bună a sunetului, înainte de activarea acestei funcții recomandăm oprirea egalizatorului **EQ** (de ex. **STANDARD**) și setările de tonuri de înalte/joase pe valoarea „0”.
- Cu cât volumul este mai mare, cu atât mai mult se va vedea efectul corecției automate a tonului.

**Taste rapide pentru setări ușoare**

În funcție de modul activ, în bara superioară sau inferioară a ecranului apar diverse butoane de acces rapid pentru a facilita accesarea meniurilor locale. Câteva funcții cheie:

1. Simbolul ecran oprește ecranul. Țineți evita lumina deranjantă în timpul conducerii pe timp de noapte. Apăsați oriunde pe ecran pentru repornire.
2. Meniul setărilor audio și de imagine, detaliate mai sus.
3. Funcțiile conexiunii BT fără fir, dispozitivele asociate, agenda telefonică, lista de apeluri, apelarea, redarea muzicii.
4. Meniul principal cu răsfoire, pentru a selectarea funcțiilor.



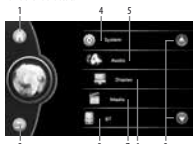
**BUTON RAPID PENTRU REGLAREA LUMINOZITĂȚII, AFLAT LĂNGĂ BUTONUL DE PAS ÎNAPOI.**

**LA APĂSARE REPETATĂ SE POATE REGLA LUMINOZITATEA SAU OPRI ECRAŢUL. ECRAŢUL OPRIT SE POATE REPORNI DACĂ-L AŢINGEȚI ORIUNDE.**

**ULTIMA FUNCȚIE ÎN MENIUL „SETĂRI” ESTE LUMINOZITATEA PERSONALIZATĂ.**

**Setări de bază, selecția limbii de utilizare**

Apăsați butonul **M/N** (7.) sau atingeți pe ecran butonul meniului principal, **HOME** (căsuță) și răsfoiți spre stânga în meniul principal, până ajungeți la butonul **SETUP** (rotiță). Pentru modificarea setărilor actuale atingeți marginea din dreapta a rândului selectat.



1. ieșire pt meniul principal
2. pasăre înapoi un nivel
3. pasăre rânduri meniu
4. setări SISTEM
5. setări VOCE
6. setări ECRAN
7. setări MEDIA
8. setare conexiune BT

Derulați în jos pentru a accesa următoarele elemente de meniu.









Pre prve upotrebe radi bezbednog i tačnog rada pažljivo pročitajte i proučite ovo uputstvo. Sačuvajte uputstvo! Originalno uputstvo je pisano na mađarskom jeziku. Ovaj uređaj nije predviđen za upotrebu licima sa smanjenom mentalnom ili psihofizičkom mogućnošću, odnosno neiskusnim licima uključujući i decu, deca starije od 8 godina smeju da rukuju ovim uređajem samo u prisustvu odrasle osobe ili da su upućeni u bezbedno rukovanje i svesni svih opasnosti pri radu. Deca se ne smeju igrati sa ovim proizvodom. Korisničko održavanje i čišćenje ovog proizvoda daju smeju da više samo u prisustvu odrasle osobe. Nakon raspakivanja uverite se dali se proizvod slučajno nije ošteo u toku transporta. Decu držite dalje od ambalaza ako ona sadrži opasne predmete za decu kao što su folije itd!

### BITNIJE OSOBINE

#### DELJENJE ANDROID I IOS DISPLEJA\*\*

#### SVE APLIKACIJE NA TELEFONU SU DOSTUPNE I NA AUTO RADIJU\*\*

- LCD displej na dodir 7,0" (18 cm) - dimenzija 2xDIN (dupli DIN) - RGB promenljiva boja svetlosti tastera - Radio/ muzički plejer /reprodukcija fotografija i video zapisa - Bežična BT veza - Zin1: ugrađeni mikrofoni i spoljni mikrofoni sa štitnjakom - Telefoniranje bez dodira telefona - Telefoniranje preko zvučnika - Telefonski imenik i lista poziva na displeju - Čitač USB/microSD memorijskih kartica - 30 memorija za AM/FM radio sa svim RDS funkcijama - Primanje informacija na putu - Napredno podešavanje zvuka - Grafičko podešavanje boje tona sa 10 opsega - Ulaz za prednju i zadnju kameru - Funkcija automatskog uključivanja rikverc kamere (opcija: SA 143) - Mogućnost priključenja monitora za putnike na zadnjem sedištu - Moguća kontrola sa pojedinim fabričkim daljinskim upravljačima sa volana - Meni na 5 jezika (EN/HU/SK/RO/SRB) - 4 x 50 W Hi-Fi izlaz za zvučnike - 3,5mm AUX ulaz za prenosne uređaje - 2+1x RCA izlaza za pojačalo/sub bas kati - 2+1x RCA video ulaza i 1xRCA video izlaza

\*\* iPhone 6-7-8 i Android 5.0 ili novije telefone sa Mirror Link opcijom, nakon postavljanja aplikacije komunikacija se radi preko USB kabela

\*\*iPhone: deljenje, Android: deljenje i kontrola preko displeja auto radija

### PUŠTANJE U RAD

Pošto je ovaj proizvod namenjen za komunikaciju sa pametnim telefonima i tablet računarnima pretpostavljamo da korisnik ima osnovna znanja za upotrebu pametnih telefona i da sličnosti u radu omogućavaju korisniku jednostavnu upotrebu ovog auto radija.

### Postavljanje uređaja u osnovni položaj

Posle svakog dešavanja kad se prekine napajanje uređaja ili u slučaju da displej uređaja nepravilno radi, potrebno je resetovati uređaj i obrisati podatke iz procesora. Resetovanje se radi upotrebom tankog predmeta kojim treba pritisnuti **RESET** (10) taster koji se nalazi ispod prednjeg zadnjeg poklopa. Nako što se uređaj isključio, uključite ga ponovo (5).

### Uključivanje i isključivanje zvuka

Uređaj se uključuje kratkim pritiskom (5) **VOLUME** tastera koji služi i za pojačavanje zvuka. Uređaj će se uključiti i biće aktivan zadnje odabrana funkcija.

• Kasnije prilikom svakog uključivanja biće aktivna zadnje odabrana funkcija, ali samo u slučaju da nije izveden ili odstranjen zadnje upotrebljen uređaj.

• Zbog bezbednosnih razloga strujnih udara pri pokretanju motora, uređaj uključuje samo tek kada je motor pokretan. Isključivanje radiće pre nego što se motor automobila isključio. Za isključivanje uređaja držite pritisnuto 3 sekunde (5) **VOLUME**.

• Kratkim pritiskom (5) **VOLUME** se samo isključuju i uključuju zvučnici (MUTE).

### Podešavanje glasnoće, boje tona i kvaliteta slike

Koristite rotirajuće dugme kako biste postavili željenu glasnoću: **VOLUME 00 – 40**. Istovremeno se na gornjem delu displeja može pratiti podešavanje aktuelne funkcije (jačina zvuka, boja tona i podmeni za kvalitet slike). Dodirnite željeni taster, potom dodirivanjem displeja možete po želji podešati audio i video podešavanja.

### PODEŠAVANJE GLASNOĆE ZVUKA

1. odaberite meni za GLASNOĆU ZVUKA
2. prstom pomerajte skalu u željeni položaj
3. pritiskom ikone zvučnika zvučnici se mogu uključiti i isključiti



### UNAPRED PODEŠENE BOJE TONA

1. odaberite EQ meni
2. dodirnom odaberite jednu od opcija
3. u PODEŠAVANJIMA odaberite željeni zvuk



### RUČNO PODEŠAVANJE TONA

1. odaberite LOUDNESS meni
2. dodirnite prekidač kojim možete uključiti ili isključiti funkciju



### PODEŠAVANJE BOJE TONA

1. odaberite meni za PODEŠAVANJE BOJE TONA
2. prstom pomerajte skalu i podešite visoke tonove
3. podešite i niske tonove



### PODEŠAVANJE SURROUND EFEKTA

1. odaberite SURROUND meni
2. dodirnite displej i pomeranjem prsta odredite odnos jačine zvuka u odnosu na jedno sedište u vozilu



### PODEŠAVANJE KVALITETA SLIKE

1. Odaberite meni za DISPLEJ
2. Pojedinačno odaberite jedan od parametara
3. dodirnite displej i pomeranjem prsta po želji podešite odabrani parametar



**VOLUME:** jačina zvuka / **EQ:** podešavanje boje tona; **Standard, Classic, Rock, Pop, Jazz, Electric, Custom** (sopstveno podešavanje) / **LOUDNESS:** fizičko uključ. i isklj. niskih tonova / **AUDIO:** TREBLE-BASS (visoki i niski tonovi) / **FIELD:** istovremeno pojačavanje zvuka sva 4 zvučnika (balance, fader) / **DISPLAY:** brightness, contrast, hue, saturation, sharpness (jačina svetlosti, oštrina, boje, kontrast)



OVIM BRZIM TASTEROM JEDNOSTAVNO I BRZO MOGU BITI DOSTUPNI MENIJI ZA PODEŠAVANJE AUDIO I VIDEO PARAMETARA

- U **SETUP** (podešavanja) meniju u **AUDIO** podmeniju postoji mogućnost podešavanja boje tona sa **ekvivalencijom od 10 kanala**.
- Kod glasnije muzike nemojte preterati sa podešavanjima niskih i visokih tonova, to može do izazove izobličenja!
- EQ funkcija briše dotadašnja podešavanja niskih i visokih tonova, to važi u obratnom smeru.

### Fiziološko podešavanje boje tona

Ljudsko uvo pri manjim snagama zvuka manje je osetljivo na niske i visoke tonove. Upotrebom **LOUDNESS** funkcije pri manjim snagama ovaj efekat se automatski koriguje. Pri većim snagama se ne preporučuje upotreba ove funkcije pošto dovodi do izobličavanja zvuka.

- Radi bojeje kvaliteta zvuka **preporučuje se da automatska podešavanja boje tona budu isključena EQ funkcije (primer STANDARD) niske i visoke tonove postavite u „0“ položaj.**
- **Što je snaga veća manji je efekat podešene boje tona.**

### Brzi tasteri za lakše i jednostavnije podešavanje

U trenutno aktuelnom meniju sa gornje ili donje strane displeja postoje ikone koje olakšavaju kretanje i podešavanje određenih funkcija. Neke izdvojene funkcije:

- 1., Simbol displeja isključuje displej. Ova mogućnost olakšava vožnju tokom noći, da jako svetlo displeja ne smeta u vožnji. Bilo gde da se dodirne displej, displej će se ponovo uključiti.
- 2., Prethodno pomenuta funkcija podešavanja audio video parametara.
- 3., Dostupnost BT funkcije; upareni uređaji, telefonski imenik, lista poziva, poziv, reprodukcija muzike.
- 4., Glavni meni za odabir funkcija.



### PORED IKONICE ZA POVRAK NALAZI SE IKONICA ZA PODEŠAVANJE JAČINE SVETLOSTI DISPLEJA

STISKANJEM IKONICE MOGUĆE JE PODEŠITI VIŠE JAČINA SVETLOSTI I ISKLJUČITI DISPLEJ.

BILO GDE DA DODIRNETE ISKLJUČENI MONITOR ON ĆE SE UKLJUČITI. ZADNJE DVE FUNKCIJE OMogućAVAJU RUČNO PODEŠAVANJE JAČINE OSVETLJENJA KOJE SE NALAZI U MENIJU „PODEŠAVANJA“. ZADNJA FUNKCIJA JE DOSTUPNA SAMO AKO JE OMogućENA I AKTIVIRANA DETEKCIJA UKLJUČENIH FAROVA.

### Osnovna podešavanja, podešavanje jezika

Pritisnite taster M/N (7) ili ikonicu **HOME** (kućica) na displeju **HOME** (haz) da bi bio dostupan glavni meni, listajte levo u glavnom meniju da bi bila dostupna opcija **SETUP** (zupčanik). Za modifikaciju podešavanja određenog reda, dodirnite desni deo reda.



1. izlaz iz glavnog meia
2. korak nazad
3. korak izmedu redova
4. SISTEMSKA podešavanja
5. podešavanje ZVUKA
6. podešavanje DISPLEJA
7. podešavanje MEDIJE
8. podešavanje BT veze

Idite prema dole za dostupnost ostalih podešavanja.







# A KÉSZÜLÉK ÁLTAL TÁMOGATOTT FÁJLFORMÁTUMOK / FILE FORMATS SUPPORTED BY THE DEVICE / PODPOROVANÉ FORMÁTY SŪBOROV / FORMATE DE FIȘIERE SUPORTATE DE APARAT / PODRŽANI FORMATI FAJLOVA / FORMATI DATOTEK KATERE PODPIRA NAPRAVA / PODPOROVANÉ FORMÁTY SŪBORŮ

| AUDIO FORMAT | Profile        | Max. Bitrate | Max. SampleRate |
|--------------|----------------|--------------|-----------------|
| MP3          | All            | 320 kbps     | 48000           |
| WMA          | Standard / Pro | 384 kbps     | 48000           |
| OGG          | Q1 Q10         | 500 kbps     | 48000           |
| FLAC         | Lever0-Lever8  | 1,60 Mbps    | 48000           |
| APE          | 950 kbps       |              | 48000           |
| AAC          | 448 kbps       |              | 48000           |
| AC3          | Ac3 only       | 640 kbps     | 48000           |
| DTS          | Dts only       | 3,84 Mbps    | 48000           |

| PHOTO FORMAT | Max. resolution | profile   |
|--------------|-----------------|-----------|
| JPEG         | Unlimited       | Baseline  |
| BMP          | 2,5 M pixels    | ALL       |
| GIF          | 2,5 M pixels    | 89a / 87A |
| PNG          | 2,5 M pixels    | ALL       |

| VIDEO FORMAT | resolution | Video decode  |
|--------------|------------|---|
| MKV          | 1280 x 720 | MPEG4 / XVID, DIVX4 / DIVX5 / MSMPEG4V3, MPEG2, RV1.0 / RV2.0 / RVG2, RV3.0 / RV4.0 / RV8 |
|              | 720 x 480  | H264 / AVC  |
|              | 640 x 480  | DIVX3   |
| AVI          | 1280 x 720 | MPEG4 / XVID, DIVX4 / DIVX5 / MSMPEG4V3, H263, MJPEG                                      |
|              | 720 x 480  | H264 / AVC  |
|              | 640 x 480  | DIVX3   |
| MOV / MP4    | 1280 x 720 | MPEG4 / XVID, DIVX4 / DIVX5 / MSMPEG4V3, MPEG2, MPEG1, H263, MJPEG                        |
|              | 720 x 480  | H264 / AVC  |
|              | 640 x 480  | DIVX3   |
| TS           | 1280 x 720 | MPEG2   |
|              | 720 x 480  | H264 / AVC  |
|              | 1280 x 720 | MPEG4 / XVID, DIVX4 / DIVX5 / MSMPEG4V3, MPEG2, MPEG1, H263, MJPEG                        |
| ASF          | 720 x 480  | H264 / AVC  |
|              | 640 x 480  | DIVX3   |
|              | 1280 x 720 | H263  |
| FLV          | 720 x 480  | H264 / AVC  |
|              | 1280 x 720 | MPEG4 / XVID,   |
|              | 720 x 480  | H264 / AVC  |
| PMP          | 1280 x 720 | MPEG4 / XVID,   |
|              | 720 x 480  | H264 / AVC  |
| RMVB         | 1280 x 720 | RV1.0 / RV2.0 / RVG2, RV3.0 / RV4.0 / RV8 / RV9   |
| MPG / VOB    | 1280 x 720 | MPEG2, MPEG1,   |

- H**
- Tămogătoot video fêlrat fâjlok: TXT, SRT, SSA, SUB
  - Nem tĂmogătoot vĂgy hĂbĂs fâjlok esetĂben a „tĂves fâjll” Ăzzenet jelenik meg.
  - A tĂmogătoot fâjlok legĂzsĂsa sem garantĂll minden esetben, mert azt befolyĂsolhatĂjk a gyĂrĂtĂll fĂggetten szoftveres Ăs hardveres kĂrĂlmenyek.
  - IdeĂllis esetben a beĂpĂtett kĂpĂnyv felbontĂsĂnak megfelelĂ kĂp Ăs video anyagok megjelenĂtĂse javasolt, bĂr ez ĂltalĂban nem kĂvetelmĂny. EsetenkĂnt sĂksĂg lehet konvertĂlĂsa.
  - Nem javasolt ĂndokĂltalĂnul nagy felbontĂsĂ kĂp/video fâjlok megnyitĂsa vĂgy tĂrolĂsa a csatlĂkozĂtoot adathordozĂn.
  - A kĂlĂnbzĂs audio Ăs video fâjlok hangereje kĂzĂtt kĂlĂnbzsĂg lehet azok eltĂrĂ paramĂtereitĂl ĂdĂdoĂn.

- EN**
- Supported video subtitle files: TXT, SRT, SSA, SUB
  - In case of not supported or wrong files „wrong file” message will appear.
  - Playing of supported files is not granted in all cases, since hardware and software conditions of the manufacturer can influence it.
  - In ideal cases displaying of such photos and video materials is recommended which has such resolution that meets the resolution of the screen, although it is not a requirement generally. Occasionally conversion may need.
  - It is not recommended to play or store such files on the data storage which has unreasonably high resolution.
  - Due the different parameters of audio and video files, the might have different volume.

- SK**
- Podporované formĂty tituliek videa: TXT, SRT, SSA, SUB
  - V prĂpade nepodporovanĂho alebo porušenĂho sĂboru sa zobrazĂ nĂpis „chybnĂ sĂbor”.
  - Nie je garantĂvanĂ prehrĂvanĂ ani podporovanĂ sĂborov, to mĂzĂ ovplyvniť softvĂrovĂ a hardvĂrovĂ podmienky, nezavĂsĂ od vĂrobcu.
  - V ideĂlnom prĂpade sa odporuĂa zobrazenie foto a video materiĂlov s rozlĂsenĂm rovnĂcĂm s rozlĂsenĂ zariadenĂvanĂ displeje, ale nie je podmienkou. V niektorĂch prĂpadoch bude nevyhnutnĂ ich konvertovanie.
  - NeodporuĂame sa otvĂranie a uklĂdanie na pamĂtovĂ mĂdiĂm foto/video sĂborov s neprimerane vysokĂm rozlĂsenĂm.
  - Rozdiel hlasitosti jednotlivĂch audio a video sĂborov mĂzĂ byt z dĂvodu ich rozdielnych parametrov.

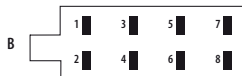
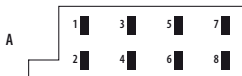
- RO**
- Tipuri de fișiere video suportate: TXT, SRT, SSA, SUB
  - In cazul unor fișiere care nu sunt suportate sau sunt defecte, pe ecran va apărea mesajul „fișier greșit”.
  - Nu garantăm redarea tuturor fișierelor care sunt în lista de fișiere suportate, deoarece acestea sunt influențate de imperfecțiunile legate de software sau hardware, independente de producătorul aparatului.
  - In caz ideal, se recomandă redarea unor fișiere de tip fotografii sau video, care au rezoluția identică cu cea a ecranului încorporat, dar care nu este o cerere obligatorie. În unele cazuri poate fi necesară convertirea fișierelor.
  - Nu recomandăm deschiderea sau stocarea unor fișiere de tip foto sau video cu o rezoluție mare pe suportul de memorie.
  - Poate fi o diferență între intensitatea sonoră a unor fișiere audio sau video, datorită parametrilor diferiți ale acestora.

- SRB-MNE**
- Podržani formati prevoda: TXT, SRT, SSA, SUB
  - U sućaju da fajl nije podržan, pojavljuje se „wrong file” poruka.
  - Reprodukacija podanih formata fajlova nije zagarantovana u svakom slućaju, hardverski i softverski uslovi proizvođaća mogu uticati na reprodukciju.
  - U idealnim slućajevima preporućuje se reprodukcija video sadrŹaja i fotografija u rezoluciji identičnoj rezoluciji displeja. Ponekad je konverzija sadrŹaja neophodna.
  - Nije preporućljivo ćuvanje ili reprodukcija fajlova sa prevelikom rezolucijom.
  - S obzirom na različite parametre audio i video sadrŹaja, moguća je pojava različite jaćine zvuka.

- SLO**
- Podpirani formati titlov: TXT, SRT, SSA, SUB
  - V primeru nepodpiranja doloćenih map se pojavi ispis „napaćna mapa”.
  - Ni zagotovljeno isti predvajanje podpiranih map, na predvajanje vplivajo softverske in hardverske rešitve nepredvidene s strani proizvajalcev naprav.
  - V doloćenih pogojih, ne glede na rezolucijo vgrajenega monitorja, se bo posnetek predvajal, vendar v posameznih primerih bo potrebno konverzija.
  - Ne priporoćamo őrvanje ali skladišćenje posnetkov s preveliko rezolucijo.
  - Razni video in avdio posnetki lahko imajo različno moć in kvaliteto zvoka.

- CZ**
- Podporované formĂty video popisĂk: TXT, SRT, SSA, SUB
  - V prĂpĂde nepodporovanĂho nebo poškozenĂho sĂboru bude vyobrazena zprĂva „chybnĂ sĂbor”.
  - Ani prehrĂvanĂ podporovanĂch sĂborů ni zarućeno ve vřech prĂpadech, protoŹe proces prehrĂvanĂ mĂzĂ byt ovlivnĂn podmĂnkami softvĂre a hardvĂre nezavĂsĂ na vĂrobcu.
  - V ideĂlnĂm prĂpĂde se doporućuje prehrĂvat fotografie a videozĂznamy v rozlĂsenĂ odpovĂdĂjĂcĂmu rozlĂsenĂ zariadenĂvanĂ obrazovky, přestoŹe to není standardnĂ požĂvĂdek. V nĂkterĂch prĂpadech je mĂzĂnĂ, Źe bude nutnĂ sĂborov konvertovat.
  - Neodporućuje se otevirati, nebo na vklĂdĂnĂ datovĂj zdroj uklĂdĂti sĂborov obsahujĂci fotografie nebo videozĂznamy s neodvĂdĂnĂ vysokĂm rozlĂsenĂm.
  - V hlasitosti zvuku rĂznĂch audio a video sĂborů mĂzĂ byt znatelnĂ rozdiel, a to z dĂvodu odlišnych parametrov tĂchto sĂborů.





#### POWER CONNECTION FOR THE BLACK ISO PLUG

|      |   |
|------|---|
| A/1. | No connection   |
| A/2. | No connection   |
| A/3. | No connection   |
| A/4. | Battery direct connection for memory, +12V (yellow)             |
| A/5. | Remote only for motor car antenne or amplifier REM, +12V (blue) |
| A/6. | No connection   |
| A/7. | Ignition switch, +12V (red)                                     |
| A/8. | Battery / Chassis GND (black)                                   |

#### CONNECTION OF 4 SPEAKERS FOR THE BROWN ISO PLUG

|      |   |
|------|---|
| B/1. | Speaker Out Right Rear + (purple)       |
| B/2. | Speaker Out Right Rear – (purple-black) |
| B/3. | Speaker Out Left Rear + (grey)          |
| B/4. | Speaker Out Left Rear – (grey-black)    |
| B/5. | Speaker Out Left Front + (white)        |
| B/6. | Speaker Out Left Front – (white-black)  |
| B/7. | Speaker Out Right Front + (green)       |
| B/8. | Speaker Out Right Front – (green-black) |

Do not connect any speaker cable to the GND of the car or the battery (with the black cable or chassis)!

| AUDIO      |        | VIDEO     |        | POWER                  |        |
|------------|--------|-----------|--------|------------------------|--------|
| AUX IN – R | red    | V IN      | yellow | BRAKE GND              | brown  |
| AUX IN – L | white  | FRONT CAM | yellow | BACK CAM CONTROL +12 V | pink   |
| AUX STEREO | 3,5 mm | REAR CAM  | yellow | S.WHEEL CTRL1          | grey   |
| R OUT      | red    | V OUT-1   | yellow | S.WHEEL CTRL2          | green  |
| L OUT      | white  | V OUT-2   | yellow | S.WHEEL GND            | black  |
|            |        |           |        | AUTO BACKLIGHT +12V    | orange |

| TUNER                  |                               |
|------------------------|-------------------------------|
| FM/AM freq. range      | 87,5–108,0 MHz / 522–1620 kHz |
| FM/AM preset           | 18 x FM / 12 x AM             |
| Usable sensitivity     | 1,6 µV                        |
| Channel separation     | > 30 dB                       |
| Signal/noise level     | > 60 dB                       |
| USB/microSD            |                               |
| USB system             | USB 2.0                       |
| Max. current           | 1000 mA                       |
| File system            | FAT 16/32, max. 32 GB         |
| MP3 decoder            | MPEG-1/2 AUDIO Layer-3        |
| Number of channels     | 2-CH, stereo                  |
| Channel separation     | > 76 dB                       |
| Signal/noise level     | > 86 dB                       |
| GENERAL PARAMETERS     |                               |
| Car Voltage system     | 12 Volt Negative GND chassis  |
| Operation Voltage      | 13,8 V DC (9–16 V)            |
| Type of display (16:9) | 7" / 800x480 / TFT LCD        |
| Video systems          | PAL / NTSC                    |
| BT version             | V2.1 + EDR / 5.0 m            |
| BT profiles            | A2DP, V1.2, AVRCP, V1.4       |
| Channels of amplifier  | 4 CH                          |
| Power output           | 4 x 50 W max.                 |
| Speaker impedance      | 4 – 8 Ohm                     |
| Channel separation     | > 80 dB                       |
| Signal/noise level     | > 85 dB                       |
| Frequency range        | 20 – 20.000 Hz                |
| Bass control           | ± 8 dB / 100 Hz               |
| Treble control         | ± 8 dB / 10 kHz               |
| Pre-amp output         | 2,0 Vrms max. (± 3 dB)        |
| Video output           | 1,0 Vp-p (75 Ohm)             |
| Fuse                   | F15A                          |
| T operation            | 0 °C ... +40 °C               |
| Weight                 | 0,78 kg                       |
| Chassis dimensions     | 178 x 101 x 70 mm / 2xDIN     |



**Vehicle multimedia  
entertainment APP  
Autolink**

SunMedia Technology co.,Ltd



**„AMAZON” WEB LINK**

<https://s3-ap-southeast-1.amazonaws.com/productscenter/release/venus/bootes/common/Autolink.apk>  
[http://www.autolink.site:8080/jeesite//static/apk/Autolink\\_basic.apk](http://www.autolink.site:8080/jeesite//static/apk/Autolink_basic.apk)

**„GOOGLE” PLAY STORE**

<https://play.google.com/store/apps/details?id=com.link.autolink>

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