

MAIN MANUAL RADICAL T8 SOFTWARE

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SWITCHING ON/OFF

WARNING

Driver distraction can lead to accidents and injuries.

Operating the RADICAL system may distract the driver's attention from the prevailing traffi conditions!

Connecting, changing or inserting data carriers may equally distract the driver's attention from the prevailing trafficonditions.

WARNING

Always ensure that loudspeaker volume allows sounds from outside the vehicle to be heard at all times (e.g. signal horns or sirens).

WARNING

Incorrect assembly or installation of the RADICAL system may result in damage to the RADICAL system or to the vehicle electronics. The device should only be installed by qualifie personnel, authorized by RADICAL.

CAUTION

This RADICAL system is intended solely for operation with an on-board voltage of 12 V DC. Operating the RADICAL system at any other on-board voltage may result in damage to the RADICAL system or to the vehicle electrical system.

CAUTION

Dismantling or modifying the RADICAL system may result in damage to the device or the vehicle. Opening or modifying the device by personnel not authorized by RADICAL will invalidate the warranty.

In the event of a malfunction or fault, please contact an authorized RADICAL dealer.

Repairs carried out by unauthorized personnel will invalidate the warranty.

CAUTION

Charging and connecting cables for mobile devices may cause an obstruction to the driver.

These should be positioned to ensure that the driver's movement is not impeded.

CAUTION

The driving recommendations and trafficular signs displayed on the RADICAL system may differ from the actual situation. Trafficular signs and trafficular regulations take precedence over the driving recommendations and signs displayed on the RADICAL system.

Adapt your driving behaviour and speed to the prevailing visibility, weather, road and trafficonditions.

AUTOMATIC ON/OFF

The RADICAL system is switched on with vehicle ignition.

The RADICAL system is switched off when the $i\bar{g}$ nition is turned off or when the ignition key is removed.

NOTE

Pressing the power button on the front of the device does not switch it off. This only turns the screen off; the power connection to the device is maintained.





HOME SCREEN



- 1. Back
- 2. Home
- 3. Task manager
- 4. USB connection status
- 5. Bluetooth connection status
- 6. WiFi connection status
- 7. Time

HOME SCREEN NAVIGATION





You can flic through the pages of the home screen by swiping to the left or right.





Tap on the relevant icon on the home screen to access the desired function.



The wallpaper can be changed by pressing and holding on a blank area of the home screen.





HOME SCREEN

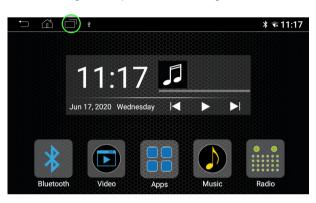
You can access the quick menu by swiping downwards.





Many settings can be quickly accessed through the quick menu, such as the brightness of the screen.

The task manager icon opens the task manager





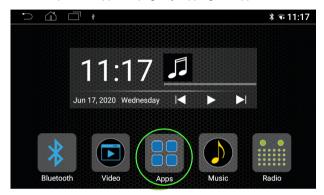




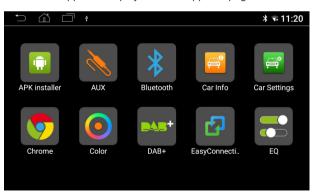
APPS AND WIDGETS

APPS

You can open the apps list page by tapping the apps icon.



All installed apps are displayed on the apps list page.

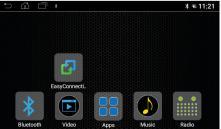


By pressing and holding on an app icon, the app icon can be pinned to the home screen.











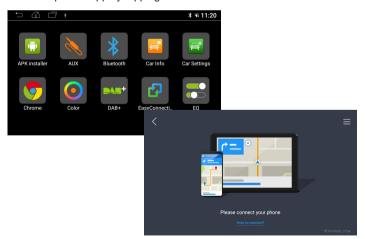


APPS AND WIDGETS

To remove the app icon from the home screen, press and hold the icon and drag it to the trash.

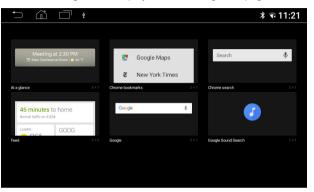


You can open an app by tapping on it.



WIDGETS

All installed widgets are displayed on the widget list page.







TUNER APP



Functions

| 1. FW | rap to switch between the different bands (Fivi'i > | |
|-----------------------------|--|--|
| | FM2). | |
| 2. Scale | Slide to change the frequency | |
| Preset | Tap to chose the preset | |
| 4. EQ | Tap to open the equalizer | |
| DX/LOC | Tap to switch between DX and LOC | |
| Auto scan | Tap to start automatic scanning for stations | |
| 7. PREV/ | Downward adjustment Press to search in lower frequencies | |
| 8. NEXT/ | Upwards adjustment Press to search in higher frequencies | |
| 9. PREV/ | Downward adjustment Press to decrease by 50 kHz | |
| 10. NEXT/ | Upwards adjustment Press to increase by 50 kHz | |
| 11. RDS | Tap to activate/deactivate RDS functions | |
| 12. REG | Tap to switch on regional function | |
| 13. AF | Tap to activate alternative frequency | |
| 14. PTY | Tap to activate search by program type | |
| | | |

Ton to quitab between the different bands (EM1 >

Information Fields

16. Band display17. Frequency displayShows the current bandShows the current frequency

ABBREVIATIONS

| REG | Activates search for regional stations with a strong signal |
|-----|---|
| DX | Stands for distance or distant exchange: means that |
| | stations in the wider vicinity will be searched for. These |
| | stations usually have a weaker signal. |

LOC Stands for local: means that stations in the closer proximity will be searched for. These stations usually

have a very strong signal.

TA Stands for traffi announcements.

AF Stands for alternative frequency: means that the same

station will be searched for on another frequency.

PTY Stands for program type: describes the division of stations

according to categories.



Tap to activate/deactivate traffi announcements



15. TA

MEDIA/MUSIC





Functions

Play/pause Tap to play or pause the current track.
 Previous track Tap to start the current track from the beginning again, tap again to go back to the previous track.
 Next track Tap to go to the next track.

4. Repeat Tap once: repeat all tracks tap again: repeat a single track tap again: repeat off
5. Shuffle Tap once: shuffl on tap again: shuffl off
6. Equalizer Tap to open the equalizer

Favourites
 Browse
 Internal memory
 Progress bar
 Playlist
 Pay to add to favourites list
 Tap to switch to the fil view
 Tap to see the internal memory file
 Tap to move to a specifi position
 Playlist
 Playlist
 Tap to see the fil currently playing
 Ext SD
 Tap to see the fil for the connecter

12. Ext SD Tap to see the fil for the connected SD card
13. USB Tap to see the fil for the connected USB stick

Information Fields

15. ID3 tag and album cover ID3 tag and

16. Time played

17. Entire length

ID3 tag and album cover display (if available)



 Θ





Functions

1. PREV Tap to play previous Station in same Ensemble

.. Scan Tap to start scan

3. NEXT Tap to play next Station in same Ensemble list

List change Tap to change between Station/Preset list

5. Comfort scan Tap to start comfort scan

6. Station List Tap to select Preset/Station Tap & hold to save current station as Preset

Press and hold to delete preset from the list

Information Fields

9. SignalQuality Shows signal strength



Functions

- 1. Play/pause
- 2. Rewind
- 3. Fast forward
- Progress bar
- 5. Zoom
- 6. Favourites
- 7. List

Tap to play or pause the current video

Tap to rewind

Tap to fast forward

Tap to move to a specifi position

Tap to switch to full screen display

Tap to add to favourites list

Tap to open the list

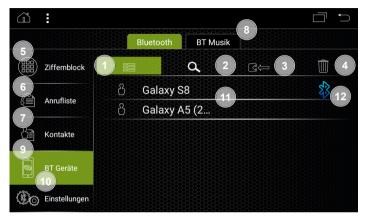
Information Fields

- 8. Time played
- 9. Entire length

PAIRING A BLUETOOTH DEVICE

- 1. Tap on the Bluetooth icon to start the Bluetooth function.
- 2. Press the settings icon to see the device names and password for Bluetooth pairing.
- 3. Activate Bluetooth on your mobile phone and check that your device is set to visible
- 4. Select the BT devices icon on your RADICAL device.
- 5. Tap the search icon to look for Bluetooth devices in your vicinity.
- 6. The name of your mobile device should now be shown in the list. Tap on the name of your device to start the pairing process. If your device is not listed, try searching again for Bluetooth devices in your vicinity.
- 7. You should now see a pairing message on your mobile phone. Enter the password for Bluetooth pairing into your mobile phone (RADICAL standard-password: 1234).
- 8. When your mobile phone has been paired, tap on the phone book icon and then on the import icon to import your contacts. (N.B. Android users will see a message on their mobile phone requesting authorization. Confir with 'authorize'.)
 - (N.B. iOS users must manually activate synchronization in the connection menu of their mobile phone.)

DEVICE MANAGER FUNCTIONS



1. Device manager list

Tap to open the list of paired devices

Search

Tap to start the search for Bluetooth devices in the vicinity

3. Unpair

Tap to unpair the devices connected by

Bluetooth

4 Delete

Tap to delete all paired devices

5. Number pad

Tap to call up the number pad

6. Call history

Tap to open call history

7 Phone book

Tap to open the phone book

8. BT music

Tap to open BT music

9. Device manager

Tap to open the device manager

10. Settings

Tap to open Bluetooth settings

Device Manager Information Fields

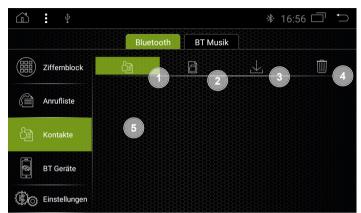
- 11. Paired devices
- 12. Connection symbol





BLUETOOTH

PHONE BOOK FUNCTIONS



- 1. Phone book
- 2 Phone book (SIM card)
- 3. Import
- 4. Delete

22

Tap to open the phone book stored in the internal (internal memory) memory of the connected smartphone

> Tap to open the phone book stored on the SIM card of the connected smartphone

Tap to manually update the phone book

Tap to delete the entries in the phone book (only from the RADICAL device)

Phone book Information Fields

5. Phone book entries Slide up or down to scroll through entries.

BLUETOOTH MUSIC (A2DP) FUNCTIONS



- 1. Play/pause
- Tap to play or pause the current track
- 2 Previous track
- Tap to start the current track from the beginning again, tap again to go back to the previous track
- 3. Next track
- Tap to go to the next track

4. Bluetooth

Tap to switch to Bluetooth

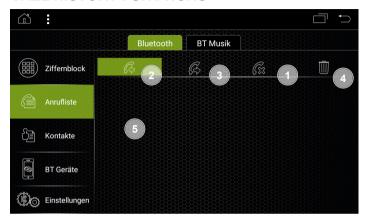
Bluetooth Music Information Fields

5. Artist and track details



BLUETOOTH

CALL HISTORY FUNCTIONS



- 1. Missed calls
- 2. Received calls
- 3. Outgoing calls
- 4. Delete

Tap to see missed calls

Tap to see received calls

Tap to see outgoing calls

Tap to delete the entries (only from the RADICAL

device)

Call History Information Fields

5. Entries Slide up or down to scroll through entries.

NUMBER PAD FUNCTIONS



1. Dial

2. Hang up

3. Switch output

4. Numbers

Tap to make a call

Tap to end a call

Tap during call to switch output between mobile phone and vehicle loudspeakers

Tap to enter a number

Tap to delete the last entry

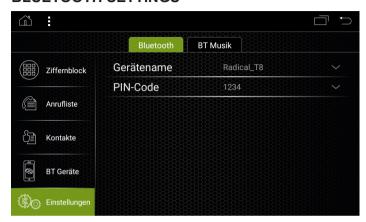
Call History Information Fields

6. Display

5. Delete



BLUETOOTH SETTINGS



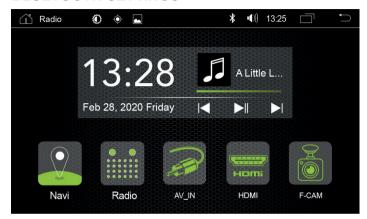
This is where you can change your device name and password for Bluetooth connections.

SELECTION SCREEN



This is where you can choose the type of connection.

BLUETOOTH SETTINGS



Tap to the HDMI icon to open the HDMI source, if a compatible HDMI source is connected, for example a videogame, smartphone, tablet, notebook.

HDMI

Tap to open HDMI source mode

Tap to the AV-IN icon to open the AV-IN source, if a compatible AV-IN source is connected, for example a videogame, smartphone, tablet, notebook.

AV-IN

Tap to open AV-IN source mode

SELECTION SCREEN



This is where you can choose the type of connection.

EASY CONNECTION

ANDROID USB CONNECTION (INITIAL CONNECTION)



- 1. Go to settings on your smartphone.
- 2. Activate the developer options on your Android smartphone.
- 3. Activate USB debugging.
- 4. Open the Easy Connection function.
- 5 Select Android USB
- Connect your smartphone to your RADICAL device via USB. (For first-tim connections, your smartphone must be connected to the internet.)
- 7. Download and install the Easy Connection App from the Google Play Store.
- 8. The Easy Connection App is automatically started after connecting to the RADICAL device, thus establishing the connection.

SELECTION SCREEN

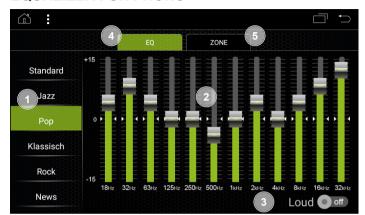


- 1. Go to the connection settings on your smartphone.
- 2. Activate mobile hotspot.
- 3. Open the Easy Connection function.
- 4. Select Android WiFi if you use an Android smartphone, or iPhone WiFi if you use an iOS smartphone.
- 5. Connect your RADICAL device to your smartphone's WiFi hotspot.
- 6. Activate the Airplay function on your iPhone. This will enable mirroring and the device can be operated through your smartphone. For Android devices, connect your smartphone to the RADICAL device via USB (first time connection via USB must already have been done see pg. 28), maintain the USB connection until the Easy Connection APP has started on your smartphone and can be seen on your RADICAL device. You can now disconnect the USB; the smartphone is mirrored, and the device can be operated through the RADICAL device, or if preferred, through your smartphone.



EQUALIZER/ZONE

EQUALIZER FUNCTIONS



1. Presets

2. Frequencies

Loud

4. EQ5. Zone

Tap the desired preset to load the corresponding equalizer preset settings

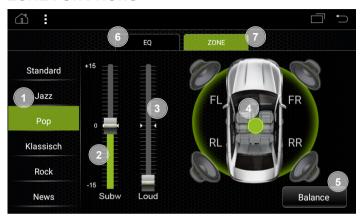
Slide up or down to adjust

Tap to activate/deactivate loudness

Tap to open the equalizer page

Tap to open the zone page

ZONE FUNCTIONS



1. Presets

Tap the desired preset to load the corresponding equalizer preset settings

Subw.
 Loud

Slide up or down to adjust Slide up or down to adjust

4. Balance point

t Move position to change the balance

5. Balance

Tap to position balance in the centre

6. EQ

Tap to open the equalizer page

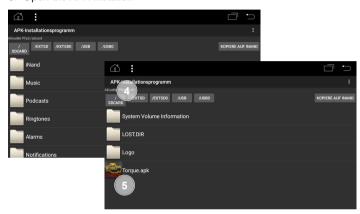
7. Zone

Tap to open the zone page



APK INSTALLER

- Download the desired APK and copy onto an external medium of your choice.
- 2. Connect the external medium to your RADICAL device.
- 3. Open the APK installer.



- 4. Select the external medium tab.
- 5. Tap on the APK that you wish to install.

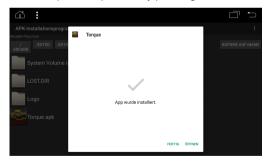


6. Then press install.

7. The APK will now be installed.



8. After the APK has been installed, you can either open the APK directly, or complete the process by pressing FINISHED.



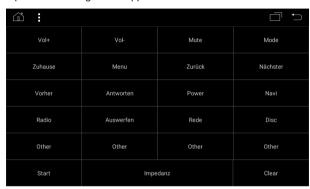
9. You will now see the APK in the apps list.



STEERING WHEEL BUTTONS

Please note: Only for vehicles with analog steering wheel remote controls such as Hyundai i30

1. Open the steering wheel app.



2. Press start (the operation will light up in yellow).



3. Now select the function that you wish to configur (the function will light up in yellow).



4. Press the corresponding steering wheel remote control button.

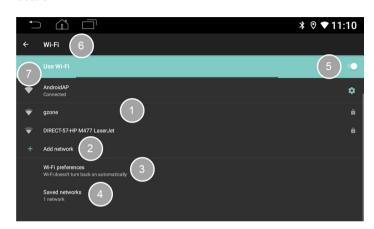


Then press End. The steering wheel remote control button is now configured





WIFI



Tap on the appropriate network to

Tap to manually add a network

Tap to open WiFi preferences

Tap to view the saved networks

Tap to turn WiFi on/off

establish a connection

Available WiFi networks.

2. Add network

WiFi preferences

Saved networks

5 ON/OFF

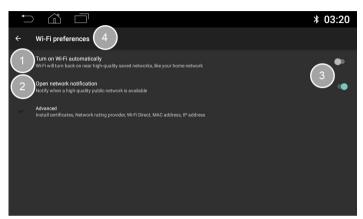
WiFi Information Fields

6. Menu display

Indicates which menu you are in

7. Connection status

WIFI SETTINGS



1. Turn on Wi-Fi automatically

Tap to automatically activate the WiFi connection. If it is in the vicinity of a "powerful saved network" - provided that WLAN was previously deactivated

2. Open network notification

Tap to activate the open network

notification

3. ON/OFF

Tap to turn on or off

WiFi Information Fields

4. Menu display

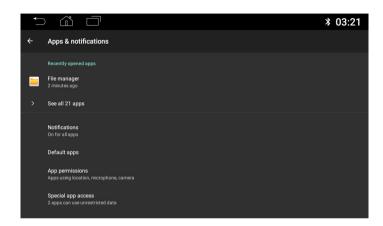
Indicates which menu you are in



38

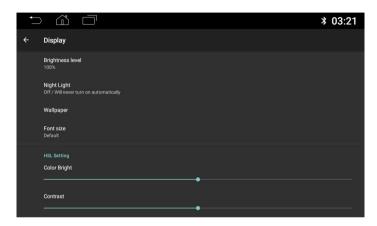
39

APPS & NOTIFICATIONS



In the settings, select "Apps & notifications" and then "Show all apps". You will find a list of all installed apps, from here you can stop or uninstall individual apps. Furthermore, the access rights for all applications can be adjusted there.

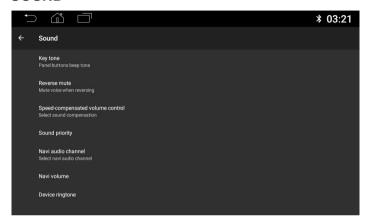
DISPLAY



Under "Display" you can make settings such as brightness, night light Mode (easy on the eyes), edit background, font size and regulate

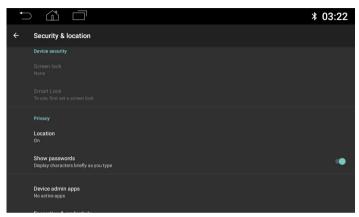


SOUND



Under "Sound" volume for the various operating scenarios, notification and alarm tones, as well as other device tones can be edited.

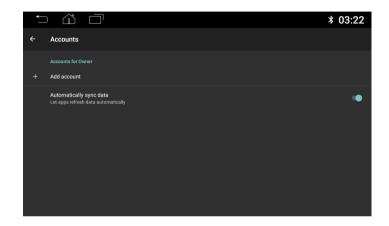
SECURITY & LOCATION



Settings for device security can be edited under "Security & Location". Furthermore, the location transfer for the device and the associated permissions for apps can be controlled.

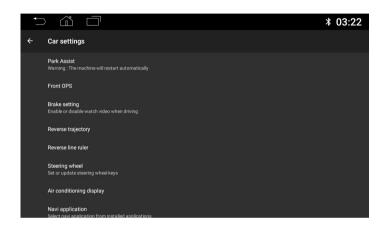


ACCOUNTS



Under "Accounts" you can, among other things, manage all other accounts that you will later use on your device, such as your email account. Log into your existing account, if one already exists.

VEHICLE SETTINGS



PARK ASSIST

You can set the display source in Park Assist.

You can choose between All OFF, CAM+OPS, and OPS. (Please note that display source OPS is only possible with RADICAL devices that support this, along with an original equipment installed OPS.)

FRONT OPS

Front OPS switches the front OPS display on/off. (Please note that display source OPS is only possible with RADICAL devices that support this, along with an original equipment installed OPS.)

STEERING WHEEL BUTTONS

Steering wheel buttons opens the steering wheel app (see chapter 13.0).





CLIMATE CONTROL DISPLAY

The climate control display button allows you to turn it on/off. (Please note that climate control display is only available with RADICAL devices that support this, along with an original equipment installed automatic climate control system.)

OPEN NAVIGATION ON START-UP

Under open navigation on start-up, you can select if the navigation system should automatically open when the device is turned on.

UPDATING THE MCU

You can start a software update of the MCU by selecting MCU Update. **Note:** Software Updates are published at and can be downloaded from my-radical.com.

SYSTEM UPDATE

You can start a system software update by selecting this option.

Note: Software Updates are published at and can be downloaded from my-radical.com.

FACTORY SETTINGS

By selecting restore factory settings, you can reinstate the device's original settings. This may delete any changes to settings that have been made.

If you press on restore factory settings, you will be asked to submit a password (0120).

Enter the password and confir with OK to reinstate the device's factory settings.

CAUTION: If the factory settings are restored on the device, all pre-installed apps will be deleted. These must then be installed again manually. You can fin the APKs for the preinstalled apps at:

http://my-radical.com/radical-support/apk-s/

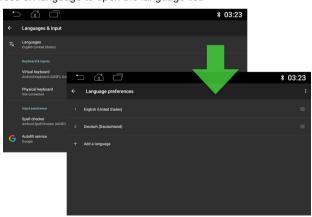
LANGUAGES AND INPUT

Here you can change or add the keyboard and/or dictionary language.



Change or add language

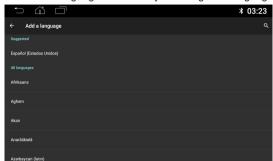
Press on language to open the language list.







You can add a new language to the list by selecting 'add language'.



Select the language that you wish to add to the list.

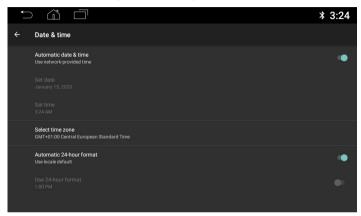


The position of the languages shows the order in which the languages are placed: The primary language which is also the display language is placed first

To use a different language as the display language, press on the desired language and drag it into the firs place.

DATE AND TIME

All date and time settings can be managed here.



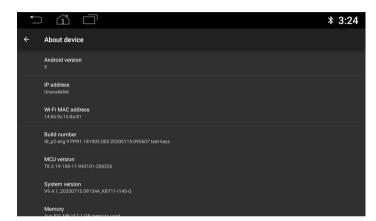




15.TROUBLESHOOTING

DEVICE INFORMATION

Here you can see all the details of the software that is installed on the device.



| Problem | Cause | Solution |
|--|---|---|
| No power supply (Cannot switch device on) | Device not properly connected | Check cable connection, if necessary, contact dealer |
| | Faulty fuse | Check cable connection and swap fuse, if necessary, contact dealer |
| No sound from vehicle loudspeakers | Loudspeakers not connected properly | Check cable connection, if necessary, contact dealer |
| | External amplifier not connected properly | Check cable connection, if necessary, contact dealer |
| Operation no longer possible | System software has been modified | Press reset pin and restore device to factory settings (see chapter 14.12.G) |
| | Third party installed app has caused system software crash | Press reset pin and restore device to factory settings (see chapter 14.12.G) |
| Vehicle functions not available (e.g. steering wheel remote controls, hand brake signal, reverse signal, etc.) | CAN module not connected properly, or defective | Check cable connection to CAM module, if necessary, contact dealer |

Note:

If you have any further questions or problems please check the FAQs for your RADICAL device.

You can find these at www.my-radical.com





STATUTORY RIGHTS AND WARRANTY

Dear customer.

Please read the warranty terms below carefully.

Should your RADICAL product require warranty service, please return it to the retailer from whom it was purchased or else, the distributor of your country. Do not send-in any product to RADICAL directly.

This RADICAL product is protected against defective materials and/or improper workmanship by a manufacturer warranty for the period of 2 years from date of purchase at retail, to the original buyer.

The statutory consumer protection regulation ("EU statutory warranty") remains unaffected by the provided manufacturer product warranty.

For the treatment of warranty related claims, the dealer / importer needs to register the device with an RMA number and provide a valid product serial number together with the original slip of purchase or the invoice, showing the purchase date.

Not covered by the manufacturer warranty are damages due to:

- Unauthorized or unapproved installation, incorrect audio or mains connection(s).
- 2 Defects caused by exposure of product to moisture, water and organic fluids ("solvents"), excessive heat and prolonged exposure to sun rays, as well as excessive dirt or dust.
- 3. Mechanical defects caused by accidents, fall or impact.
- 4. Damage due to unauthorized repair attempts and modifications of product not explicitly authorized by the manufacturer.
- 5. Damage caused by normal "wear and tear" over time.

This warranty is limited to the repair or the replacement of the defective product at the manufacturer's option and does not include any other form of damage, whether incidental, consequential or otherwise.

Damages caused by improper packaging during transportation of product back to dealer or importer are not covered under the warranty. Any compensation claims of consequential damages to other auxiliary devices or components in the dashboard caused by the device directly or indirectly, are excluded.

Not covered by the manufacturer are consequential costs arising from handling of product to conduct warranty service labor like for example the un-installation and re-installation of devices, to cure a hardware failure or other defect.

My-Radical.com

EU Legal Representative:

ACR S & V GmbH \cdot Industriestraße 35 \cdot D-79787 Lauchringen \cdot Germany RADICAL \cdot Bohrturmweg 1 \cdot CH-5330 Bad Zurzach \cdot Switzerland

Hereby, ACR Brändli + Vögeli AG declares that the type of radio equipment of the listed devices complies with the 2014/53/EU Directive. The full text of the EU Declaration of Conformity is available at the following Internet address: http://www.my-radical.com (see link "Product Conformity Documents" in the footer area of the page).

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(E24) 10R-05 3096 R-C11VW1, R-C11BM1, R-C11BM2, R-C11BM3, R-C11FD1, R-C11FD2, R-C11HY1

(E24) 10R-05 3095 R-C11MB1, R-C11MB2, R-C11AD1, R-C11AD2

E24 10R-05 2567 R-C11OP2

(E24)10R-05 3097 R-C11VW2, R-C11SK1, R-C11MT2





