Audi

Audi *concert* Sound System

Operating Instructions

Radioanlage concert
Bedienungsanleitung
englisch 2.03
231.566.449.76

Please detach the radio card and keep it in a safe place – *not in the car.*
If you should lose the radio card with the code number, please contact an Audi dealer.

Audi

Radio card

Model **concert**

Serial No.

Code No.

Please attach Serial No. and Code No. Here

Supplement

Audi

Calling up the basic settings menu

This Supplement replaces the description of how to call up the basic settings menu included in the Operating Instructions for the sound system.

Supplement
Calling up the basic settings menu
Englisch 7.03
241.562.727.20

Only valid in conjuction with the Operating Instructions for the Audi chorus, Audi concert and Audi symphony Sound System starting with version 2.03.

For the sake of the environment

This paper was bleached without use of chlorine.

Contents

Introduction

These instructions describe the concert radio unit, the optional CD changers and the BOSE sound system [1].

The concert sound system enables you to select radio or CD mode with the minimum number of controls.

An external CD changer can also be "remote controlled" using the radio unit. This provides a wide selection of individual tracks and a generous amount of playing time.

The BOSE sound system consists essentially of an enhanced speaker system with a separate amplifier giving optimised sound quality. No separate controls are required to operate this system. ■

[1] BOSE® is a registered trademark of the BOSE Corporation.

Fig. 1 Audi concert Sound System

Overview

Quick reference guide

The controls at a glance.

Important notes

Operating the radio when driving

Today's driving conditions require the full attention of drivers.

As well as offering a wealth of audio entertainment, modern car radios, with their range of sophisticated features, also provide a great deal of information about traffic and road conditions.

But please remember that you should only use the radio system and its numerous features when it is really safe to do so ⇒ ⚠.

For example, changing CDs or reading the labels while driving can be very dangerous.

The volume of the audio system should also be set so that outside acoustic signals (horns, ambulances etc.) can be heard clearly at all times.

⚠ WARNING

Please direct your full attention to the road at all times!

Anti-theft coding

The anti-theft coding is an electronic security device designed to prevent unauthorized persons from operating the unit if it is removed from the vehicle.

If the word **SAFE** is displayed when the radio is switched on, it can only be operated after entering the **correct** code number.

This code number, together with the unit's serial number, can be found on a sticker on the "Radio Card" at the front of this manual.

Note

It is very important that you detach this "Radio Card" without delay and keep it in a safe place - never keep it in the vehicle. This is the only way to make sure that thieves are unable to use the radio.

Applies to the model: Audi A4

Convenience radio coding

With the convenience radio coding function the radio no longer has to be re-coded manually after it has been disabled by the electronic anti-theft device.

Once the radio has been coded, it will "synchronise" itself with the vehicle it belongs to.

If the battery power is then interrupted at any time, the radio will "automatically" check to see if it is still in the right vehicle when the ignition is switched on. If it recognises its own vehicle again, the radio will be ready for use after just a few seconds.

This means the radio no longer has to be re-coded manually after it has been disabled by the electronic anti-theft device.

However, if the radio has been fitted to another vehicle, it will remain disabled and will have to be reactivated by entering the correct code ⇒ *page 40*.

For technical reasons, the convenience radio coding feature is not available for all models. ■

Information in the display

All settings you make will be shown in the display on the radio unit (3) ⇒ *page 3*, fig. 1.

Incoming phone calls are also shown in the display (**PHONE**), and at the same time the radio is muted ⇒ *page 14*.

If your car is equipped with a BOSE sound system, the display will show the message **BOSE** when you switch on the radio. ■

Additional functions

The **concert** sound system has a number of special settings and functions in addition to the radio and CD functions.

For example, your radio has a TIMER function which allows you to record incoming traffic announcements from a particular time onwards.

In this way, for instance, you can call up all the latest traffic information on your way to work in the morning and on the way home in the evening.

Please note the following points:

■

General operating instructions

Functions

Switching on and off

When the ignition is switched on, the last used sound system component will automatically be activated.

Fig. 2 Adjuster knob

The sound system will automatically be activated when the ignition is switched on. It will also automatically switch off when the ignition key is removed.

If desired, the sound system can also be switched on and off by pressing the adjuster knob (7). If you switch off the sound system manually, it will not switch itself on again when the ignition is switched on.

Note

- If no sound comes from the system when it is switched on and the word **SAFE** appears in the display, please refer to ⇒ *page 39*.
- If desired, the sound system can be switched on for about one hour even with the ignition key removed by pressing the adjuster knob (7). The system will switch itself off again after this time has expired. You can repeat this procedure as often as desired. ■

Adjusting the volume

– The volume can be adjusted to suit individual requirements by turning the adjuster knob (7).

The volume level you select is stored in the memory. The sound system adjusts automatically to the previous volume setting each time it is switched on.

Note

Excessive volume is automatically reduced to a level preset by the factory. ■

Tone settings

Press the TONE button to call up the tone settings menu.

Fig. 3 TONE button and adjuster knob

– Press the TONE button. The tone settings menu will be called up and the first menu option BASS will appear in the display.

– Press the TONE button again to advance through all the menu options in sequence.

The menu options appear in the following sequence:

Display	Function	
BASS	Low range	⇒ *page 9*
TREBLE	High range	⇒ *page 9*
FADER	Front/rear	⇒ *page 9*
BALANCE	Right/left	⇒ *page 9*

The **BASS** and **TREBLE** tone settings can be adjusted *separately* for the radio (AM and FM) and CD.

The settings you make will apply to the system that you are currently using. For example, if you change the BASS setting while playing a CD, this will have no effect on the tone settings for the radio.

Note

- The selected function will disappear from the display after about 10 seconds.
- The chosen setting will be stored automatically. ■

Adjusting the tone settings

You can change the settings for each menu option with the adjuster knob.

Fig. 4 Adjuster knob

Fig. 5 Display - adjusting bass setting

After you have selected the menu option you would like to change ⇒ *page 8*, adjust the setting as follows:

BASS (low range)

– Turn the adjuster knob (18) to increase or decrease the bass level as desired.

TREBLE (high range)

– Turn the adjuster knob (18) to increase or decrease the treble level as desired.

FADER (front and rear)

– Turn the adjuster knob (18) to adjust the volume balance between the front and rear speakers as desired.

BALANCE (right and left)

– Turn the adjuster knob (18) to adjust the volume balance between the right and left speakers as desired.

Starting from the central setting, the bass and treble level can be adjusted up or down as desired. The settings are illustrated graphically and numerically in the display ⇒ fig. 5. The fader (front/rear) and balance (right/left) functions can be adjusted in the same way. ■

Settings

asic settings

ess the MENU button to call up the basic settings enu.

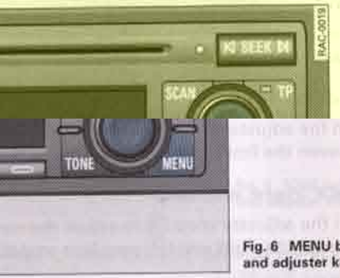

Fig. 6 MENU button and adjuster knob

MENU button. The basic settings menu will p and the first menu option **TIMER 1 START** in the display.

MENU button again to advance through all ptions in sequence.

ns appear in the following sequence:

Display	Function	
TIMER 1 START	Start time for recording traffic announcements	⇒ *page 11*
TIMER 2 START	Start time for recording traffic announcements	⇒ *page 11*
TP VOLUME	Volume control for traffic announcements	⇒ *page 11*
GALA	Speed-dependent volume control	⇒ *page 12*
MAX ON-VOLUME	Maximum volume level when radio is switched on	⇒ *page 12*
RADIO/NAV	Volume control for spoken navigation directions	⇒ *page 13*
PHONE	Telephone loudspeaker selection	⇒ *page 13*

You can change the settings for each menu option with the adjuster knob (18) ⇒ fig. 6.

Note

- The selected function will disappear from the display after about 10 seconds.
- The chosen setting will be stored automatically. ■

Recording traffic announcements

With this function you can set the start time of two separate timers for recording traffic news announcements.

Fig. 7 Display: TIMER 1 START

After you select the option **TIMER 1 START** or **TIMER 2 START** ⇒ *page 10*, you can set the timer as follows:

Switching the timer on and off

– Turn the adjuster knob (18) to activate (**00:00**) and deactivate (**OFF**) the function.

Setting the switch-on time

– Press the station selector button (14) to set the hours.

– Press the station selector button (15) to set the minutes ⇒ fig. 7.

With the functions **TIMER 1** and **TIMER 2** you can set the start time for recording incoming traffic announcements. This will provide you, for instance, with all the latest traffic information on your way to work in the morning (TIMER 1) and on the way home in the evening (TIMER 2).

There are two separately adjustable timers for this function. The radio will be on stand-by and record traffic news announcements for two hours starting from the time which is set.

For example, if you have set the time as 7:30, all incoming traffic news announcements will be recorded from 7:30 to 9:30.

Note

- You can also set the time by turning the adjuster knob (18).
- The recorded traffic announcements can be played by pressing the TP button ⇒ *page 22*.
- All incoming traffic news announcements will be recorded. However, since the memory can only save up to four minutes of announcements, older announcements will be replaced by more recent ones. ■

Setting the traffic programme volume

You can change the preset volume for the traffic programme via the **TP-VOLUME** *option.*

After selecting the **TP-VOLUME** option ⇒ *page 10*, adjust the preset (boosted) volume as follows:

– Turn the adjuster knob (18) to adjust the volume as desired. ▶

– Press the
be called
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– Press the
the menu

The menu op

The volume for traffic announcement cut-in can be adjusted as desired. ■

Setting the GALA volume control

GALA stands for: Speed-dependent volume control

After selecting the **GALA** option, adjust the preset volume as follows:

– Turn the adjuster knob (18) ⇒ *page 10*, fig. 6 to adjust the amount of volume boost as desired.

The GALA function boosts the sound system volume level accordingly as the vehicle's speed increases to drown out background noise.

To deactivate the GALA function, set the volume control to **0** in the display. ■

Applies to the model: Audi TT Coupé and Audi TT Roadster

Dynamic noise compensation

On vehicle with the BOSE sound system, the GALA function is replaced by the dynamic noise compensation function.

The dynamic noise compensation adjusts the music volume automatically (without becoming too loud) so that the music is not drowned out by background noise. The volume will seem to maintain its normal decibel strength. The volume for quiet passages of music (e.g. as with classical music) will be boosted if necessary, and loud music passages will be reduced.

Both temporary background noise and noise caused by vehicle speed determine the volume level for the dynamic noise compensation.

How does the dynamic noise compensation work?

A microphone in the interior registers the music volume and the volume of background noise. The background noise is then digitally analysed and processed by the system. At the same time, the sound system boosts the playback volume accordingly in the affected frequency range so that the music can still be heard clearly. ■

Setting the MAX ON-VOLUME

The **MAX ON-VOLUME** *option regulates the basic volume level when the radio is switched on.*

After selecting the **MAX ON-VOLUME** option ⇒ *page 10*, adjust the maximum volume as follows:

– Turn the adjuster knob (18) to adjust the basic volume level as desired.

The sound system will come on at the volume level that was set when the system was last used unless this exceeds the maximum basic volume level. ■

Setting the RADIO/NAV volume

The sound system volume is automatically reduced slightly to enable you to hear route guidance instructions more clearly when listening to music.

You can use the **RADIO/NAV** function to adjust the extent to which the sound system volume is reduced for the route guidance instructions. After selecting the **RADIO/NAV** option ⇒ *page 10*, adjust the sound system volume level used during route guidance instructions as follows:

– Turn the adjuster knob (18) to increase or decrease the volume reduction as desired. ■

Setting the speaker for the telephone

Use the option **PHONE** *to select the speaker to be used for the telephone.*

After selecting the **PHONE** option ⇒ *page 10*, choose the desired speaker as follows:

– Turn the adjuster knob (18) until **LEFT**, **LEFT + RIGHT** or **RIGHT** appears in the display.

Display	Function
LEFT	Front left speaker (driver's side)
LEFT + RIGHT	Front left and right speakers
RIGHT	Front right speaker (passenger's side)

The terms "driver's side" and "passenger's side" refer to left-hand drive vehicles. ■

Radio mode

Information in the display

Fig. 8 Display in the radio mode

When the unit is in radio mode, the display will indicate FM or AM according to the frequency band selected.

The display also shows the frequency or the name of the station that is currently tuned in, the memory bank (AM1, AM2 or FM1, FM2), and the station selector button that is activated ⇒ fig. 8. ■

AM (medium wave and long wave)

General notes

Use the AM button to select the medium wave/long wave frequency band.

Fig. 9 AM button

- Press the AM button. The radio unit will then tune in to the medium wave/long wave (AM) frequency band. The selected memory bank **AM1** or **AM2** will be indicated in the display.
- Press the AM button again to switch from one memory bank to the other.

▶

Note

- All the tuner functions and settings, including station search and selector buttons, etc. will now operate in the medium wave/long wave frequency band.
- The long wave frequency band is not available in the Audi TT Coupé and Audi TT Roadster models. ■

Settings

*The **SENSITIVITY** function enables you to adjust the sensitivity level when using the station search.*

Fig. 10 MENU button and adjuster knob

After selecting the medium wave/long wave (AM) frequency band ⇒ *page 14*, adjust the sensitivity level as follows:

- Press the MENU button. The option **SENSITIVITY** will appear in the display.
- Turn the adjuster knob to select **LOCAL** or **DX** in the display.

The following sensitivity levels for the station search can be selected:

Display	Function	Explanation
LOCAL	Local stations only	The station search will only tune in to stations with a *strong* signal.
DX	Long distance	The station search will also tune in to stations with a *weak* signal.

To use the station search function, please refer to ⇒ *page 20*, "Automatic station search".

Note

- The selected function will disappear from the display after about 10 seconds.
- The chosen setting will automatically be stored. ■

FM (very high frequency)

General notes

Use the FM *button to select the FM frequency band (VHF).*

Fig. 11 FM button

- Press the FM button. The radio unit will then tune in to the very high frequency band (FM). The selected memory bank **FM1** or **FM2** will be indicated in the display.
- Press the FM button again to switch from one memory bank to the other.

Note

All the tuner functions, including station search and selector buttons, etc. will now operate in the very high frequency band (FM). ■

Settings menu

Press the MENU *button to call up the FM settings menu.*

Fig. 12 MENU button

After selecting the FM frequency band, select the menu options as follows:

- Press the MENU button. The first option (**SEARCH**) will appear in the display.
- Press the MENU button again to advance to the next option.

The menu options appear in the following sequence: ▶

Display	Function	
SEARCH	Selects different search modes	⇒ *page 17*
SENSITIVITY	Sensitivity level of search	⇒ *page 17*
REGIONAL	Regional stations reception	⇒ *page 18*

You can change the settings for each menu option with the adjuster knob (18).

Note

- The selected function will disappear from the display after about 10 seconds.
- The chosen setting will automatically be stored. ■

Search mode

Use the **SEARCH** *option in the menu to select how you want to search for stations.*

After selecting the **SEARCH** option, select your desired setting as follows:

- Turn the adjuster knob (18) until **MANUAL** or **COMFORT** appears in the display.

The following modes for the station search function can be selected:

- **MANUAL** search allows for tuning in increments of 0.1 MHz ⇒ *page 19.*
- **COMFORT** tuning allows you to select the stations with the best reception one after the other. Stations with RDS (radio data system) information are *grouped* together according to their networks. You can search forwards and backwards for these stations ⇒ *page 20.*

The sensitivity level for the search function can be set via the **SENSITIVITY** option. ■

SENSITIVITY

The **SENSITIVITY** *function enables you to adjust the sensitivity level when using the station search.*

After selecting the **SENSITIVITY** option, select the desired sensitivity level as follows:

- Turn the adjuster knob (18) to select **LOCAL** or **DX** in the display.

The following sensitivity levels for the station search can be selected:

Display	Function	Explanation
LOCAL	Local stations only	The station search will only tune in to stations with a *strong* signal.
DX	Long distance	The station search will also tune in to stations with a *weak* signal. ■

Regional stations

With the **REGIONAL** *function you can select whether or not you want to receive regional stations and regional broadcasts.*

After selecting the **REGIONAL** option ⇒ *page 16*, switch the regional stations reception on or off as desired.

– Turn the adjuster knob (18) to select **REG ON** or **REG OFF** in the display.

The reception of regional stations can be deactivated by selecting **REG OFF**.

For more information about "regional stations", please refer to ⇒ *page 25*, "Regional stations". ■

Functions

Storing radio stations

Fig. 13 Display and station selector buttons

– Press the AM or FM button to select the desired frequency band and memory bank. The memory bank will be indicated in the display.

– Tune the radio to the desired station. The name of RDS stations [2] *must* appear in the display.

– Press and hold the desired station selector button until the volume is briefly muted. The display will then show the number of the selector button highlighted to confirm that the station has been stored successfully ⇒ fig. 13. ▶

[2] RDS stands for Radio Data System, for more details, see ⇒ *page 24*.

The station selector buttons can be used to store and retrieve twelve AM stations and twelve FM stations in two memory banks.

Note

When storing an RDS station, do not press the corresponding station selector button until the name of the station appears in the display. This ensures that all the available RDS information was processed and that the station is ready to be stored. ■

Re-selecting a stored station

– Press the AM or FM button to select the desired frequency band and memory bank. The memory bank will be indicated in the display ⇒ *page 18*, fig. 13.

– *Briefly* press the corresponding station selector button.

If the TP function is activated, you will only be able to select stations broadcasting traffic news. The diode in the TP button lights up if the traffic programme function is activated ⇒ *page 21*, fig. 17.

Note

Only press the button *briefly* when selecting a station, otherwise the radio will store the frequency or the station that is currently shown in the display. ■

Tuning manually

Fig. 14 Adjuster knob

After selecting the **MANUAL** tuning option ⇒ *page 17*, select a station as follows:

– Turn the adjust knob (18) to select a station as desired.

If you have selected the manual tuning mode you can tune in to FM stations in increments of 0.1 MHz.

The manual tuning function enables you to tune in to stations with a *weaker* signal which are not picked up by the automatic station search.

If the selected station is already stored on one of the station selector buttons, the number of the corresponding button will be shown highlighted in the display ⇒ *page 18*, fig. 13. ■

Automatic station search

Fig. 15 SEEK button

– Press the SEEK button to the right or left to start the station search forwards or backwards. The search function will automatically stop when a station is found.

If the selected station is already stored on one of the station selector buttons, the number of the corresponding button will be shown highlighted in the display ⇒ *page 18*, fig. 13. ■

Comfort tuning function

After selecting the **COMFORT** option ⇒ *page 17*, search for a desired station as follows:

– Turn the adjuster knob ⑱ in the desired direction to begin searching.

The COMFORT tuning function allows you to select the stations with the best reception one after the other. Stations with RDS information are grouped together according to their networks.

If the selected station is already stored on one of the station selector buttons, the number of the corresponding button will be shown highlighted in the display ⇒ *page 18*, fig. 13. ■

Automatic SCAN function

By pressing the SCAN button, the radio will play all the available stations for eight seconds at a time.

Fig. 16 SCAN button

Starting the SCAN function

– Press the SCAN button. The radio will play each available station for eight seconds. ▶

Stopping the SCAN function

– Press the SCAN button again to deactivate the scan function.

After stopping the scan function, the radio will continue to play whichever station the scan has located.

If the selected station is already stored on one of the station selector buttons, the number of the corresponding button will be shown highlighted in the display ⇒ *page 18*, fig. 13. ■

Traffic programme

Use the TP button to switch the traffic programme on and off.

Fig. 17 TP button

Switching on

– Press the TP button to activate "traffic programme stand-by" mode and the "EON" (enhanced other networks) function. The red diode in the TP button will be lit when the function is activated.

Switching off

– Press and hold the TP button at least two seconds to switch off the traffic programme function for the FM frequency band. The diode in the TP button will go out when the function is deactivated.

If the station you have tuned in is not a traffic news station, the radio automatically searches for another station with a receivable signal which does broadcast traffic news.

The message **TP-INFO** will appear when a traffic news announcement is received.

If the TP function is activated and you select a station which does not belong to a traffic news network, an audible beep signal will sound after a short time. This beep signal will be repeated every thirty seconds. This is to notify you that you will not be able to receive any traffic announcements while listening to the current station.

If the selected station is already stored on one of the station selector buttons, the number of the corresponding button will be shown highlighted in the display ⇒ *page 18*, fig. 13.

Note

The traffic programme function can only be used in conjunction with the FM frequency band. If you select the AM frequency band, this will also switch off the TP function. ■

EON function

The EON function offers a wider choice of stations when listening for traffic announcements.

EON stands for "Enhanced Information Concerning Other Networks".

The combination of the TP function with the EON function offers a special advantage.

If you are listening to a station which does not broadcast traffic news (in Germany, for example, BAYERN 1), but which belongs to a network of stations that does broadcast traffic news (Bavarian Radio), the radio will stay tuned to the station without traffic information (BAYERN 1).

If one of the other stations (e.g. BAYERN 3) then broadcasts a traffic announcement, the radio will automatically switch to that station for the duration of the announcement.

This feature gives the driver a wider choice of stations without missing any traffic news.

If you have tuned in to a station which does not belong to a traffic news network and you then press the TP button, the station search will begin automatically after a few seconds. It will select the first traffic information station available.

If the selected station is already stored on one of the station selector buttons, the number of the corresponding button will be shown highlighted in the display ⇒ *page 18*, fig. 13.

The volume of the traffic news announcements can be adjusted via the TP-VOLUME option ⇒ *page 11*. ■

Traffic news announcements

Traffic news announcements can be stored and called up from the memory.

Fig. 18 TP button

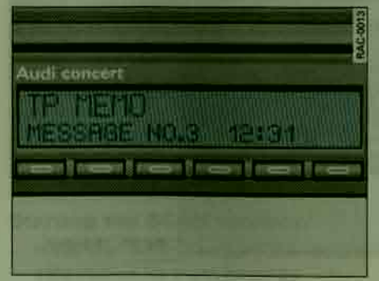

Fig. 19 TP MEMO display

Retrieving stored traffic news announcements

– Press the TP button if the function is not already activated. The diode in the button is lit when the TP function is activated.

– Press the JP button and to retrieve stored traffic news announcements. The display will show **TP MEMO**, together with the consecutive number of the recorded traffic announcements and the time when the announcements were received ⇒ *page 22*, fig. 19. The traffic announcements will automatically start playing.

– Turn the adjuster knob (18) in the appropriate direction to select individual announcements.

Switching off traffic news announcements

– The recorded announcements can be switched off at any time by briefly pressing the TP button again, or by selecting CD, FM or AM.

After all the announcements have been played or the announcements have been switched off, the sound system will switch back automatically to the previously selected mode.

The message **TP-INFO** will appear when a traffic news announcement is received.

If no traffic announcements have been received, the display will show **NO MESSAGE**.

Storing traffic news announcements after the ignition key has been removed

If the TP function is activated and the radio is switched off via the ignition key, it will then remain in the stand-by memory mode for 2 hours and record any traffic announcements received in this time. Please note that whether the announcements are recorded or not will depend on the basic settings for **TIMER 1 START** and **TIMER 2 START** ⇒ *page 11*.

All incoming traffic news announcements will be recorded. However, since the memory can only save up to four minutes of announcements, older announcements will be replaced by more recent ones.

Note

Announcements received while you are listening to the radio or CD are stored automatically. Announcements can also be stored after the key has been removed from the ignition. ■

RADIO DATA SYSTEM (RDS)

General notes

RDS stands for Radio Data System.

Fig. 20 RDS button

– Press the RDS button to activate and deactivate the RDS function.

The RDS function is switched on automatically every time the radio is switched on and when the automatic station search is started.

The only exception is that the RDS function remains deactivated if the last station you were listening to before the ignition key was removed was stored with the RDS function off.

When RDS is switched on and you tune to a station broadcasting the RDS signal, the display will first show the frequency of the station. When the radio has processed the signal, the display will then show the name of the station in place of the frequency.

The setting RDS ON and RDS OFF can be stored with the stations on the station selector buttons.

If RDS is switched off, the radio will operate like a conventional FM receiver and display the frequencies instead of the station names.

What is RDS?

RDS stations send information regarding the station together with the programme content. This enables the unit to show the name of the station in the display (in Germany, for example, **BAYERN 3**).

In the past, when driving long distances, it was necessary to re-tune the radio manually to find the best frequency for the desired station. In poor reception conditions this had to be done repeatedly.

Now, RDS automatically scans a list of alternative frequencies and selects and tunes in to the best one. This process is normally inaudible. It ensures that you always have the best possible reception within the area covered by the transmitting station, even in poor conditions.

Even if the stations you wish to listen to do not (yet) have an RDS programme, they will still be available when the RDS function is activated. For this reason it is best to leave the RDS function activated at all times. ■

Storing and re-selecting stations

Storing RDS stations

When storing an RDS station, do not press the corresponding station selector button until the name of the station appears in the display. This ensures that all the available RDS information was processed and that the station is ready to be stored. ▶

Re-selecting stored RDS stations

When re-selecting stored RDS stations, the corresponding frequency appears briefly in the display, followed by the name of the station. If the reception of the stored frequency is poor, the radio will automatically switch to a suitable alternative frequency and display this frequency briefly, followed by the name of the station.

Should none of the previously saved alternative frequencies be within range, the search function will start automatically. The radio will then search for the desired station on other frequencies.

If no other frequency is available, the search function will stop at the originally selected frequency after one complete scan. This means that the desired station is not available at the moment and you should tune to another station.

Note

If you drive into an area where the radio can no longer receive the frequency stored in the memory, it will search for a new station. If the previous station was a traffic news station, the radio will locate a new station with traffic programme. ■

Regional stations

The display will show **REG** *when the radio is tuned in to a station broadcasting a regional programme.*

Some radio stations split up their transmission into regional programmes. When the radio is tuned to one of these regional programmes **REG** will appear in the display.

In Germany, for instance, Bavarian radio's second channel (BAYERN 2) broadcasts regional programmes with different content at certain times. These cover Munich (display shows **BR 2 MUN**), Swabia (**BR 2 SH**) and upper Bavaria (**BR 2 OBB**).

When the radio is tuned to one of these regional programmes, the display will show **REG**.

When should REG be switched off?

The regional function should normally be left switched on at all times (REG ON).

The REG function should only be switched off (REG OFF) when driving through areas where the transmissions of several regional stations overlap, and reception of the REG station you have tuned in becomes increasingly poor. This will enable you to receive a new station.

The REG function should be switched on again (REG ON) when you enter a different area.

For information on how to switch the REG function on and off, please refer to ⇒ *page 18*, "Regional stations". ■

RDS reception

General information on RDS:

- When you **switch on** the radio, it will search for the frequency giving best reception of the selected station in that area.
- Depending on the **strength** of the incoming signal, it can take several minutes for the radio to process the RDS information. During this time, no station name will appear in the display.
- If the signal is very **weak**, the radio will not be able to process the RDS information. In this case the display will continue to show the selected frequency. ▶

- In **poor reception** conditions (such as in mountainous areas), the radio will repeatedly search for alternative frequencies. This can result in brief interruptions of the sound (muting).
- If this muting occurs frequently as a result of **extremely poor conditions**, or if reception is severely distorted, you can switch off the RDS function temporarily.
- RDS always selects the best frequency from the **alternative frequencies** available. If none of the alternatives can provide a clear signal, there will, of course, be interference in the RDS mode. ■

How does RDS work?

RDS is already used by a large number of radio stations in many European countries. A full service for the whole of Europe is planned for the future.

In addition to normal FM radio signals, a further, inaudible flow of digitalized information is transmitted to the RDS receiver. This coded information enables the RDS receiver to control a number of functions, including the following:

Programme identification
(PI code)

The PI code enables the radio to identify the station currently being received, in Germany, for instance, BAYERN 3.

Programme service name
(PS code)

The PS code contains the name of the station, which then appears in the display.

Alternative frequencies
(AF code)

The AF code tells the radio all the available frequencies on which the station can be received. This enables the radio to tune to the frequency with the best reception for any particular station.

The radio switches from one frequency to another almost inaudibly. The name of the station shown in the display remains unchanged.

Because of the limited range of FM (VHF) signals, a radio station may broadcast from several transmitters on different frequencies. Using the AF code and activated RDS, you can be assured that the radio continues to have good reception even when travelling long distances.

For example: In Germany, if you are driving on the autobahn from Munich to Würzburg and wish to listen to BAYERN 3, all you have to do is select the station when you set off. The display will show the name of the station **BAYERN 3**. During the whole journey, the RDS radio searches for alternative frequencies for the station you have selected and tunes into these automatically as required. This process is virtually inaudible.

Traffic programme code
(TP code)

This code tells the receiver that it is tuned to a traffic news station.

EON
(Enhanced Information Concerning Other Networks)

EON is an RDS function which ensures that all traffic news announcements from a radio network are heard when the radio is switched to the TP mode

Major radio networks often operate several stations simultaneously. In Germany, for instance, Bavarian radio operates the channels BR 1, BR 2, BR 3, etc. ▶

Regardless of which station is currently selected, all traffic announcements from the other stations on the network can heard if desired.

For example: If the radio is tuned to BAYERN 2, and a traffic announcement is broadcast on BAYERN 3, the radio will switch automatically to the appropriate frequency. You will then hear the traffic announcement on BAYERN 3 and the station name **BAYERN 3** will appear in the display during the announcement. After the announcement is finished, the radio will automatically tune back to the original station.

Traffic announcement code
(TA code)

The TA code signals the start of a traffic announcement.

If the radio is turned to zero volume, or if a CD is playing, the system automatically switches to the traffic announcement at the preset volume ⇒ *page 11*.

In combination with the EON function, the TA code of a non-TP station enables the radio to switch over to a TP station of the same network for the duration of a traffic announcement.

Emergency announcements
(RDS code = PTY 31)

Emergency announcements in the event of major disasters, etc., have priority over all other functions. ■

CD mode

General notes

Fig. 21 FM, AM and CD buttons

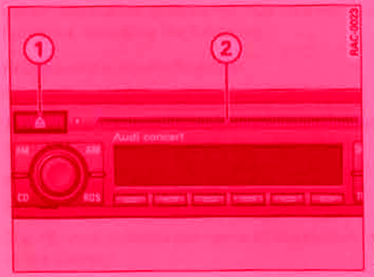

Fig. 22 CD eject button and CD slot

To play a CD, switch on the radio unit and check that there is a CD in the CD player.

Activating the CD mode

– Insert a CD with the printed side facing up into the CD slot (2) or press the CD button if there is already a CD inserted.

Switching between modes

– Press the AM or FM button to switch to the desired radio mode.

– Press the CD button or insert a CD to switch back to the CD mode.

Notes

Do not use any force when inserting CDs into the slot. The CD player will pull in the CD automatically.

The CD player is designed to accept 12 cm CDs. It is not suitable for CD singles (8 cm).

Thermostat switch

There is a **thermostat switch** installed to protect the CD and the reading laser from excessive heat (e.g. caused by intense direct sunlight).

The message **CD HOT** will appear in the display if this occurs. It will then not be possible to use the CD mode.

When the unit has cooled down, the message **CD HOT** will disappear. You can then play CDs in the normal way. ▶

Note

- To avoid damage to the CD player, do not use a CD cover or a stabiliser (available in stores as CD accessories).
- Do not insert non-circular "shape CDs" into the CD slot. ■

CD player operation with external CD changer

This radio system can also be used in conjunction with an **external** Audi CD changer ⇒ *page 34*.

There are two different CD changers available. For technical reasons, however, the changers are not available for all models. The method of operating these external CD changers is **basically the same**; the only difference is the procedure for loading the CDs.

The external CD changers are available from the factory as an accessory. They can also be retrofitted by an Audi dealer ⇒ *page 34*. ■

Information in the display

Fig. 23 Display for CD mode and function selector buttons

If a CD is playing, the display will show the track number (**TRACK**) and the playing time.

The display also indicates whether the internal CD player (CD is shown in the display) or external CD changer is playing (CDC1, CDC2, etc. is shown in the display).

The functions of the station selector buttons in CD mode also appear on the display. ■

Functions

Loading and ejecting CDs

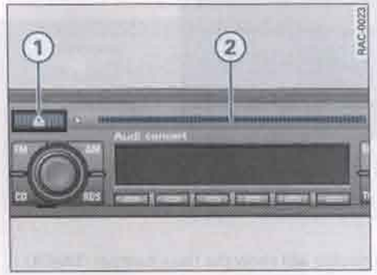

Fig. 24 CD eject button and CD slot

Loading CDs

– Insert the CD (printed side facing upwards) into the CD slot (2).

Ejecting CD

– To eject the CD, press the eject button (1). ■

Selecting tracks

Fig. 25 SEEK button and adjuster knob

Selecting a track manually

– Turn the adjuster knob to the right or left to select a track as desired.

Skip to previous track or next track

– Press the station selector button (12) ⇒ *page 29*, fig. 23 or the SEEK button (left side) within the first five seconds. If the track has been playing for less than five seconds, the player will skip back to the previous track; otherwise the player will skip to the beginning of the track being played.

– Press the station selector button (13) ⇒ *page 29*, fig. 23 or the SEEK button (right side) to skip to the beginning of the next track. ▶

Fast forward and reverse

– Press the station selector button (15) ⇒ *page 29*, fig. 23 to start the fast forward. The display will indicate the running direction >>.

– Press the station selector button (14) ⇒ *page 29*, fig. 23 to start the fast rewind. The display will indicate the running direction <<.

– Release the corresponding button to stop the fast forward or reverse. ■

Track scan function (SCAN)

Press the SCAN button to play all the tracks on a CD for eight seconds each.

Fig. 26 SCAN button

– Press the SCAN button to activate the track scan function. All the tracks on the CD will be played for eight seconds each.

– Press the SCAN button again to deactivate the track scan function. The current track will then continue playing. ■

Traffic programme

CD playback can be interrupted for traffic news announcements on the radio

Fig. 27 TP button

Switching traffic programme on and off

– Press the TP button before playing a CD to activate or deactivate the traffic programme function. The diode in the TP button will be lit if the traffic programme function is activated. ▶

Cancelling a traffic news announcement

– Press the TP button or the CD button ⇒ *page 3*, fig. 1 to cancel a traffic news announcement. The CD playback will then be continued.

If the traffic programme function is activated, the CD playback will be interrupted for traffic news announcements.

If you have cancelled a traffic announcement with the TP button, subsequent traffic announcements will still be played.

If the car goes beyond the transmitting range of the selected station, the radio will automatically tune in to a new traffic news station even when in the CD mode. ■

Settings

RANDOM

The RANDOM function will play CD tracks in random sequence.

Fig. 28 MENU button and adjuster knob

– Briefly press the MENU button. The option **RANDOM** will appear in the display.

– Turn the adjuster knob until **OFF**, **CD** or **CHANGER** appears in the display. ▶

Display	Explanation
OFF	The function is switched off.
CD	The function is activated for the current CD.
CHANGER	The function is activated for all the CDs in the changer.

Note

- The display will disappear after about 10 seconds.
- The chosen setting will be stored automatically. ■

Notes

Tips on using CDs

To ensure top quality sound reproduction, the CDs should be clean and free of scratches and other damage.

Do not apply any labels to CDs.

When not in use, CDs should always be stored in the CD storage case from the range of Audi accessories or in their original plastic cases.

Never leave CDs exposed to direct sunlight.

Notes on cleaning compact discs

Use a soft, lint-free cloth to clean CDs. Wipe the disc in a straight line from the centre outwards. If necessary, dirt can be removed with a commercially available CD cleaner or with isopropyl alcohol.

Never use fluids like petrol, paint thinner or record cleaner, as these can damage the surface of the CD. ■

Precautions for laser equipment

Laser devices are divided into the safety classes 1-4, as specified by DIN IEC 76 (CO) 6/VDE 0837.

CD players and CD changers are classified as safety class 1.

The lasers employed in devices that fall into this category are very weak and well protected, so there is no risk of danger if used correctly.

Note

Never remove the device cover. The device has no components that can be serviced by the owner. ■

Error messages in the display

The following faults may be indicated by error messages in the display:

CD1 ERR1

The CD is dirty or incorrectly inserted.

CD1 ERR2

The CD is scratched. If the external CD changer is being used, the next CD is selected automatically. ▶

CD1 ERR3

There is a malfunction in the CD changer mechanism.

If this error message appears when using the **external CD changer with CD magazine** please take the magazine out of the CD changer and check that the CDs are undamaged and correctly inserted in the magazine.

If this message occurs when using the **internal CD player** or the **Audi cd changer**, press the button ① ⇒ *page 3*, fig. 1 or Ⓐ ⇒ *page 37*, fig. 34 to eject the corresponding CD. Inspect the CD for dirt or scratches.

Attempt to continue CD operation. If the unit still malfunctions, please contact a qualified dealership. ■

External CD changers

Applies to vehicles: with CD changer with magazine

CD changer with magazine

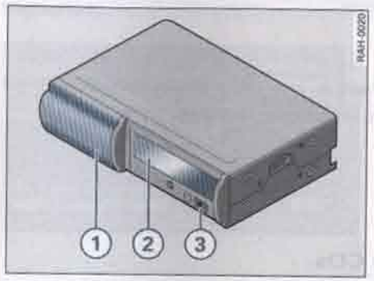

Fig. 29 CD changer with magazine

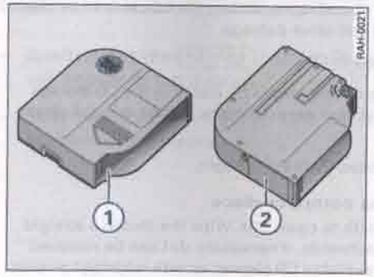

Fig. 30 CD magazine ▶

① Sliding cover for CD slot ⇒ *page 34*, fig. 29
② CD magazine slot ⇒ *page 34*, fig. 29
③ Magazine eject button ⇒ *page 34*, fig. 29
① Top ⇒ *page 34*, fig. 30
② Bottom ⇒ *page 34*, fig. 30

In most vehicles the CD changer with magazine is located in the luggage compartment. On some models, the CD changer is in a special compartment in the rear of the vehicle or behind the driver's seat. For the location of the CD changer in your particular model, please refer to the Owner's Manual.

Note

To avoid malfunctions, please use only CD magazines from the range of Genuine Audi accessories. ■

Removing and loading the CD magazine

The magazine can be removed from the changer and loaded with the radio switched on or off.

Removing the magazine from the CD changer

- Slide the CD slot cover ① to its fully open position ⇒ *page 34*, fig. 29.
- Press the magazine eject button ③ ⇒ *page 34*, fig. 29. The magazine will come out automatically so that it can be removed easily.
- Remove the magazine.

Loading the magazine into the CD changer

- Slide the CD slot cover ① open ⇒ *page 34*, fig. 29.
- Insert the magazine as far as it will go. Be sure that the word "disc" is facing upwards and that the arrow is facing the magazine slot ⇒ *page 34*, fig. 30.
- Slide the CD cover back to its fully closed position.

After inserting the magazine, you will hear the CD changer working. The unit is now determining how many CDs there are in the magazine.

The message **NO CD** will appear in the radio display if the magazine is not inserted in the CD changer. ■

Loading the magazine with CDs

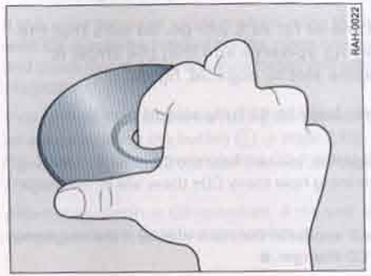

Fig. 31 Proper way to hold CDs

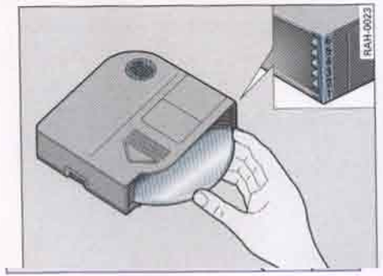

Fig. 32 Loading a CD into the magazine

- Hold the CD at the centre hole and at the outer rim ⇒ fig. 31.
- Hold the magazine with the word "disc" facing upwards ⇒ fig. 32.
- Insert the CD into the slot in the magazine so that it clicks into place ⇒ fig. 32.

Insert the CDs one at a time into the CD slot with the printed side up. Keep the CDs straight when inserting them.

Please note the order in which the CDs are loaded (on the right-hand side of the magazine).

If one of the slots in the magazine is not loaded with a CD, the display on the radio unit will show **NO CD** when that CD position is selected.

Note

After inserting the magazine, the CD slot cover (1) should always be closed to protect the CD changer from dust and dirt ⇒ *page 34*, fig. 29. This will help to prevent any risk of malfunctioning. ■

Removing CDs from the magazine

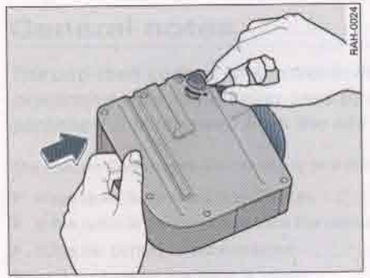

Fig. 33 Removing CDs from the magazine

- Turn the magazine over and hold it with the CD release lever facing upwards ⇒ fig. 33.
- Press back the lever against spring pressure.
- Carefully press the CDs out via the opening on the back of the magazine ⇒ fig. 33.
- Remove the desired CDs from the magazine.

Note

Take care to ensure that the CDs do not fall out. ■

Applies to vehicles: with Audi cd changer

Audi cd changer

The "Audi cd changer" is located in the glove compartment on most models.

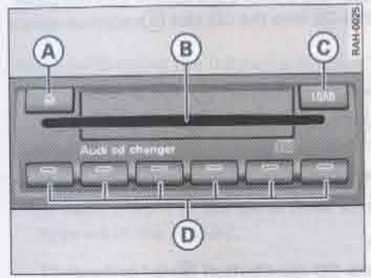

Fig. 34 Audi cd changer

Loading a CD

- Briefly press the LOAD button (C) and insert the CD into the CD slot (B). The CD will automatically be loaded into the next available position in the CD changer. The diode light in the corresponding button (D) will stop flashing.

Loading all CDs

- Press and hold the LOAD button and insert all the CDs into the CD slot (B) one after the other. The diodes in the buttons (D) will stop flashing. ▶

Loading a CD in a specific position

- Briefly press the LOAD button. The diodes in the buttons (D) light up to indicate an occupied position and flash to indicate a vacant position.
- Briefly press one of the buttons (D) for the desired position and insert the CD into the CD slot (B).

Ejecting a CD

- Briefly press the CD eject button (A). The diodes in the buttons (D) will light up to show which positions are occupied by a CD.
- Briefly press the corresponding button (D). The CD will then be ejected.

Ejecting all CDs

- Press and hold the CD eject button (A) for at least 2 seconds. All the CDs in the CD changer will then be ejected one after the other.

Insert the CDs one at a time into the CD slot (B) with the printed side up. Keep the CDs straight when inserting them.

Do not use any force when inserting CDs into the slot. The mechanism will pull the CDs into the changer automatically.

After loading a CD in the CD changer, you must wait a moment until the red diodes light up on the CD slot. You can then load another CD into the CD changer as desired.

If you select a position that is already occupied, the CD in that position will be ejected. Take out the ejected CD and load the desired CD. ■

Anti-theft coding

General notes

The anti-theft code is an electronic means of preventing your radio being used by unauthorised persons if it is removed from the car.

The radio is deactivated electronically and will not work

- if the radio is removed from the car,
- If the radio is disconnected from the car's power supply,
- if the car battery is disconnected,
- or if the fuse for the radio is blown.

If the radio is deactivated because of one of these reasons, the word **SAFE** will appear in the display after the radio is switched on.

It can then only be operated after entering the **correct** code number.

This code number, together with the unit's serial number, can be found on a sticker on the Radio Card.

Caution

It is very important that you detach this "Radio Card" and keep it in a safe place - never keep it in the vehicle. This is the only way to make sure that thieves are unable to use the radio. ■

Electronic deactivation

You can reactivate the radio by entering the correct code number.

When performing the following steps, it is important to keep exactly to the sequence described below:

- Switch on the radio. The word **SAFE** will appear in the display.
- Press the SCAN button and the RDS button ⇒ *page 3*, fig. 1 **at the same time**, and hold until **1000** appears in the display.
- **Then release both buttons**. Do not press the SCAN or RDS buttons again or keep holding them down, otherwise the number 1000 will be registered as the first attempt, and you will only have **one more attempt** to repeat the procedure.
- Enter the code number given on the radio card using the station selector buttons (10) to (13). Use button (10) to enter the first digit of the code number, button (11) to enter the second, and so on.
- Press the SCAN button and the RDS button **at the same time** to confirm the code number. The word **SAFE** will appear in the display. ▶

– Then release the buttons. A radio frequency will then appear automatically in the display after a short delay. The radio is now ready for use.

Incorrect code number

If an incorrect code number is entered by mistake when reactivating the radio, the word **SAFE** will start flashing in the display and then appear continuously.

The entire procedure can now be repeated *once* again. The number of attempts will be shown in the display.

If the wrong code is entered again, the radio unit will be disabled for about one hour. During this time the radio cannot be reactivated.

After this period (the radio must be left switched on and the ignition key left in the lock) the number of attempts shown in the display will go out, and the radio can be reactivated again as described above.

The same cycle of two attempts, followed by a one hour delay, can be repeated again if necessary.

Note

Should you lose the "radio card" with the code number, please contact an Audi dealer. ■

Applies to the model: Audi A4

Convenience radio coding

For technical reasons, the convenience radio coding feature is not available for all models.

With the standard anti-theft coding, the radio needs to be re-coded manually every time the battery is disconnected or the unit is removed from the car.

The new convenience coding is much simpler. The first time the radio is coded it *synchronises itself* with the vehicle to which it belongs.

If the battery power is then interrupted at any time, the radio will *automatically* check to see if it is still in the right vehicle when the ignition is switched on. If it recognises its own vehicle again, the radio will be ready for use after just a few seconds.

This means the radio no longer has to be re-coded manually after it has been disabled by the electronic anti-theft device.

However, if the radio has been fitted to another vehicle, it will remain disabled and will have to be reactivated by entering the correct code.

If the radio needs to be **reactivated** or if an **incorrect code number** has been entered, the same procedure described above for the standard anti-theft coding can be followed ⇒ *page 39*. ■

Brief technical description

Equipment and technical specifications

Radio

Anti-theft coding

- An electronic security device deactivates the radio if the power supply is interrupted.
- The radio can only be operated again when the correct code number has been entered.

Frequency bands

- FM = VHF
- AM = LW, MW

Traffic programme features

- Automatic channel search
- Automatic traffic news announcement
- Audible warning function
- TP-Memo

Station selection

- Last station memory: automatic selection of the last radio station selected before switching off.
- Station selector buttons for twelve FM stations in two memory banks.
- Station selector buttons for twelve AM stations in two memory banks.
- Automatic station search / direct tuning to stations of the same network.
- Manual tuning facility in both directions.
- Microprocessor-controlled frequency stabilisation (PLL quartz tuning).

Illumination

- Non-glare background illumination of controls and display when vehicle lights are on (night design).
- Brightness controlled together with instrument lighting.

Sound reproduction

- Stereo (Radio and CD)
- Active tone control
- Integral fader control
- GALA speed-dependent volume control
- Multiple speaker system

In FM band:

- Automatic volume compensation for different station buttons, according to average modulation of sound signal.
- Dynamic selection
- High-cut function: cuts down hiss and interference in conditions of poor reception.

Additional connections

- Electronic aerial
- CD changer
- Audio frequency muting (telephone)

Suppression

Automatic suppression circuits in the radio eliminate most interference in the FM and AM wavebands.

Specially tuned suppressors eliminate virtually all interference originating from the engine and other parts of the electrical system such as the heater blower, windscreen wipers, radiator fan, etc.

Maximum output (standard)

The radio unit has four line-out connections. These can be used for:

- 2 front speakers and 2 rear speakers; or
- 4 active speakers (+ subwoofer); or
- any commercially available amplifier.

Vehicle	Possible variations
A2	4 x 20 Watt
A3	4 x 20 Watt + 40 Watt subwoofer[a]
A4	4 x 20 Watt + 70 Watt subwoofer[a]
A4 Avant	4 x 20 Watt + 70 Watt subwoofer[a]
A4 Cabriolet	4 x 20 Watt + 70 Watt subwoofer[a]
A6	4 x 20 Watt + 60 Watt subwoofer[a]
A6 Avant	4 x 20 Watt + 60 Watt subwoofer[a]
allroad quattro	4 x 20 Watt + 60 Watt subwoofer[a]
TT Coupé	4 x 20 Watt
TT Roadster	4 x 20 Watt + 40 Watt subwoofer[a]

[a] Active speaker

Maximum output (BOSE sound system)

The radio unit has four line-out connections. These are linked to a BOSE amplifier, which controls sound quality.

Vehicle	Possible variations
A2	150 Watt
A3	195 Watt
A4	215 Watt
A4 Avant	215 Watt
A4 Cabriolet	215 Watt
A6	250 Watt
A6 Avant	250 Watt
allroad quattro	250 Watt
TT Coupé	175 Watt
TT Roadster	225 Watt

CD player and external CD changer

The technical data is the same for the CD player and the external CD changers.

Frequency range	20 – 20,000 Hz (+/– 1 dB)
Signal/noise ratio	>90 dB
CD distortion	0.005% (at 1 kHz)
Wow and flutter	Negligible
D/A converter	Separate 1-bit D/A converter for each channel with multi-stage Noise Sharping
Pick-up system	Holographic 3-way laser
Light source	Semi-conductor laser (wavelength 780 nm)

Radio licence

Under certain circumstances a radio licence may be required for a car radio.

In Germany, for example:

Radio fees must be paid for a radio fitted in a vehicle used for business purposes, and the radio must be registered accordingly.

Warranty

The warranty conditions that apply to our new cars also apply to our radio systems.

The warranty will be invalidated by improper use of the equipment or if repairs are attempted by unqualified persons.

Furthermore, there must be no external damage to the radio system or its components.

Exchange units

After the warranty period has expired, a radio in need of repair can be replaced at a reasonable cost with an as-new, fully reconditioned exchange unit complete with exchange part warranty. Radios will only be accepted for exchange if the housing is undamaged and there is no evidence of repairs attempts by unqualified persons.

Note

If a radio is returned for replacement with an exchange unit, it is important to give the Audi dealer the "radio card" with the code number and serial number.

Troubleshooting

Some problems can be remedied easily.

Malfunction	Cause	Remedy
Radio repeatedly switches to mute with RDS function switched on.	Poor reception conditions (for instance in mountainous areas). The radio is searching for alternative frequencies.	Switch off the RDS function until reception conditions improve.
A beep signal sounds shortly after tuning in	The station does not broadcast traffic infor-	

Index

A

L

M

N

O

P

R

S

T

V

W

For the sake of the environment

This paper was bleached without use of chlorine.