PORSCHE
CDR 210

Our company and staff congratulate you on the purchase of your new PORSCHE car and radio. Your selection of our product is a demonstration of your trust. Your new car radio incorporates many new features. This manual was prepared to familiarize you with their use. It describes in detail the functions and uses.

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This manual provides the information for the safe and enjoyable operation of your PORSCHE car radio.

- **Special Features** Description of special features
- **Definitions** Special terms used in this manual
- **Overview** Switches (keys) and displays
- **Antitheft System** CODE and removable display
- **General Operation** Controls and functions
- **Radio Reception** Controls and options for reception
- **Compact Disc Operation** Controls and functions for Compact Disc use
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- **Installation/Removal** Instructions for Installation and Removal
- **Connection** Proper wiring of the radio

SPECIAL FEATURES

Your PORSCHE car radio is designed to receive RDS signals on the FM Band.

- **RDS** - RDS (Radio Broadcast Data System) allows the radio station to broadcast the abbreviated name of the station, as well as program type (PTY CODE), time, and a tone indicatingTraffic Program (TP).

- **PTY Code** - Transmitted by a radio station to classify the program type. Without knowledge of local stations, use of PTY CODE enables the listener to choose only one type of programming. The SEEK control accesses stations transmitting a PTY code.

- **Autostore** - Automatically stores the 8 strongest stations on the recall keys.

- **CD Changer** - In addition to the single CD, the radio is capable of controlling an optional CD Changer.

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Several user program levels are available. Access these levels or menus through the operating mode and the multifunction control keys.

Tone menu*	– d + – p + <B> ^Fv LD
FM Radio menu*	1 PT T < > RP 8 9 AS
AM Radio menu*	1 5 6 7 8 9
Station recall keys AM	1 2 3 4 5 6 7 8 *
Station recall keys FM	1 2 3 4 5 6 7 8 * TP
CD menu	T << >> RP * TP
CD Changer menu	CD- + T <<>> RP * TP

*Access the secondary menu by pressing the function button. If no function is chosen after eight seconds, the radio will return to the station recall menu.

CONTROLS

1 Volume Control
2 ON/OFF Button
3 Tone control Button
4 CD Slot
5 CD Eject Button
6 AM, FM, CD, or Changer source button
7 Signal seek switch
8 Traffic program Indicator
9 Frequency or RDS indicator
10 Multifunction Keys
11 Band and preset selection indicator

Entering the antitheft CODE

This radio renders itself inoperative in the case of theft. If the radio or car battery is disconnected, the radio automatically disables itself. Once the radio is reinstalled or the battery is reconnected, the word "CODE", with a flashing letter "C", and the digits 1-0 appear in the display. Prior to use, the correct code must be entered via the multifunction keys.

Example: CODE 1530 (Preassigned to each radio and supplied to the owner on the PORSCHE RADIO CODE CARD) is entered by pressing the multifunction keys in sequence. (See diagram.)

After the first digit is entered, the word "CODE" disappears and the number is displayed followed by three dashes. As digits are entered, the next line in sequence flashes. When all four numbers have been entered, the first digit flashes. At this time you can overwrite the code as often as necessary. To correct any error, you must enter the complete code. Once the correct code is displayed, enter by pushing the signal seek switch.

If you have entered an incorrect code, the word "CODE" reappears in the display. The system allows two more attempts for a total of three. After three incorrect attempts, "WAIT" is displayed. A ten-minute time interval must lapse before you can attempt the coding process. You have three more chances to enter the proper code at this time. After nine attempts at code entry and three waiting periods of ten minutes each, the radio will "WAIT" for sixty minutes. After sixty minutes, you will have three more attempts at code entry. Should you fail at this point, "WAIT" will appear, and sixty minutes must pass before you can make another attempt.

Attention: The radio must be on during the waiting period.

Note: The RADIO CODE CARD and window decals are supplied with the vehicle. To avoid unauthorized use, do not leave the RADIO CODE CARD in the car!

Detachable Display

For additional protection against theft, the display and multifunction keys are detachable. To remove the display, (fig. B) press button "C" located on the radio front "A" (see diagram). Without the display, the radio is inoperable. For convenient transport, a protective case for the detachable display is provided.

ON/OFF

Push the ON button to turn the radio on. Push the button again to turn it off.
The radio will play for up to one hour with the ignition switch in the off position. If the radio is switched on by the ON button and the vehicle is started, the radio will turn off with the ignition switch.
Removal of the detachable display turns the radio off.

Volume

Volume increases by pressing the " **+** " on the volume switch.

Volume decreases by pressing the " **–** " on the volume switch.

Tone Menu

d$^{\mathbf{p}}$

Pushing the tone control button accesses the tone menu. Once selected you can make the following adjustments: **BASS, TREB** (Treble), **BAL** (Balance), **FAD** (Fader), **LOUD** (Loudness).
The Bass and Treble settings are stored separately for AM, FM, CD, and CD Changer.
Fader, Balance and Loudness are stored for all operating modes.

Bass

Press either multifunction key under the " **– d +** " to access Bass adjustments. The display shows "**BASS**" and the current setting. Reduce or increase the Bass with the keys under the, " **–** " decrease or " **+** " increase symbols.
The setting ranges from -9 to +9 with 0 being midrange. If midrange is desired, press both keys together. You may repeat this process for all modes of operation.

Treble

Press either multifunction key under the " **– p +** " to access Treble adjustments. The display shows "**TREB**" as well as the current setting. Reduce or increase the Treble with the keys under the,
" **–** " decrease or " **+** " increase symbols.
The setting ranges from -9 to +9 with 0 being midrange. If midrange is desired, press both keys together. This process may be repeated for all modes of operation.

Balance

Press either multifunction key under " < B > " to access the Balance Control. The display shows "**BAL**" as well as the current setting. To increase the output to the right speakers, press the " > " key; or the " < " key to increase output to the left.
The setting ranges from -7 to +7 with 0 being midrange.
Balance can be centered (all speakers have equal output) by depressing both keys simultaneously.

Fader

Press either multifunction key under "(^ F v)" to access the Fader Control. The display shows "**FAD**" as well as the current setting. To increase the output to the front speakers press the " ^ " key or " v" to increase the output to the rear speakers.
The setting ranges from -7 to +7 with 0 being midrange.
Fader can be centered (all speakers have equal output) by depressing both keys simultaneously.

Loudness

By pressing the multifunction key under "**LD**" the Loudness function is turned on or off. The display will show "**LOUD ON**" or "**LOUD OFF**".

Linear Settings

d^p

If you hold the tone control for more than two seconds in operating mode, all tone control levels will be set to the midrange position (i.e. radio FM). The display then shows "**FM LINEAR**".
If you hold the tone control for more than four seconds, all operating modes (radio, CD and CD Changer) will be set to midrange position and the display shows "**ALL LINEAR**".

RADIO RECEPTION

General Information

RDS - System

This radio is designed to receive RDS signals in the FM Band. RDS is short for "Radio Broadcast Data System", used to supply additional information to your radio. The radio station determines the information available. Some radio stations use RDS to transmit Abbreviated Station Name, Time, Traffic Program, and PTY code.

PTY Program Type

The PTY CODE, if transmitted by an RDS equipped radio station, will identify the program type for the radio station. This allows you to choose only stations that broadcast a particular program type. If an RDS station broadcasts a PTY Code, the code will be displayed for about eight seconds after the station has been tuned in .

The following PTY codes are available:

NEWS	News service	SOFT	Soft
INFORM	Information programs	NOSTALGA	Nostalgia
SPORTS	Sports reports	JAZZ	Jazz
TALK	Talk	CLASSICL	Classical
ROCK	Rock	R&B	R&B
CLS ROCK	Classic Rock	SOFT R&B	Soft R&B
ADLT HIT	Adult Hits	LANGUAGE	Language
SOFT RCK	Soft Rock	REL MUSC	Religious Music
TOP 40	Top 40	REL TALK	Religious Talk
COUNTRY	Country	PERSNLTY	Personality
OLDIES	Oldies	PUBLIC	Public

Autostore

Autostore is another method for storing station frequencies in memory. This function stores the station with the eight strongest signals on the multifunction keys. The stations are stored according to the strength of the signals. The strongest station will be stored on key "1". The original stations stored on these keys are not affected.

Source Selection

S The **S** button selects the operating mode: AM, FM, CD, or CD Changer (only if a CD changer is connected). Press the **S** button repeatedly until the desired source is selected. The operation mode appears on the left side of the display.
The radio will switch between the last two modes used. If CD and FM were chosen as the last two operations, pressing the **S** button will switch between these functions.
To access another mode, the **S** button must be pressed repeatedly until the desired operation appears in the display.

Band Selection

S AM or FM are accessed by pressing the **S** button.

FM	87.5 ..... 107.9 MHz
AM	530 ..... 1700 kHz

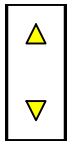
RADIO RECEPTION

Station Selection

The radio incorporates several options for selecting programs or stations:

Automatic Station tuning
Scan tuning
Manual tuning
Direct frequency input
Preset station recall keys
Autostore

Automatic Tuning



To tune to the next station in ascending or descending order, press the upper or lower side of the automatic switch respectively.

Note: During the search the frequency is displayed.
Expect a delay before the RDS data becomes available. The radio must process the data prior to its display.

The Automatic Station tuning is factory set to the standard station spacing. These are:

FM - 200 kHz

AM - 10 kHz

Radio Menu Mode

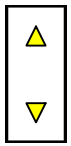
The radio menu mode is activated by pressing the multifunction key " * ". If no choice is made within eight seconds, the radio will return to the station recall key menu.

Program Type (PTY) Display/Search

If an FM Station is broadcasting RDS and the Program Type function, the radio will display the program type of the station selected.

To access this function, press the multifunction key " * ", and the second level display will appear. Press the "PT" key to display the program type. If the program type information is not available, "**NO PTY**" will be displayed.

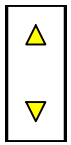
To search for a station with a particular program type, press the multifunction key " * " to access the second level menu. Press the "PT" key followed by "<" or ">" to choose the program type. Once you have selected the program type, press the automatic switch in either direction to start the tuning sequence. The radio will tune to the next station with the desired programming. If this station is not to your liking, repeat the sequence to access the next station with the PTY code you choose.



If no station is broadcasting the PTY code chosen, the radio will resume playing the last station selected. Likewise, if the automatic switch is not pushed or another choice is not made from the menu within eight seconds of the last entry, the radio will return to the first level display and the station originally selected.

Note: Actually only a few stations are transmitting the PTY code.

SCAN Tuning



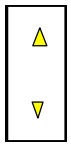
The scan tuning function works for AM and FM. Press and hold the automatic switch for 2 or more seconds and scan tuning will start. Press and hold the upper or lower side of the automatic switch to start the scan function in ascending or descending order respectively. While the radio is in scan mode, "SC" will be displayed before the frequency. The radio will scan only strong stations on the first sweep. If no choice is made during the first sweep, weaker stations are also scanned. To stop the scan function, press the automatic switch (up or down) while a station is playing.
Where available, FM RDS data is displayed during the scan function.

Manual Tuning FM

While tuned to an FM station, press the multifunction key " * " to access the second level menu. Once the second level menu appears, use "<" or ">" manually tune a desired station. The radio will mute and speed will increase if the key is held for more than three steps. To fine tune a station, press and release the key.

Manual tuning is in 200 kHz steps.

Manual Tuning AM



While tuned to an AM station, press the multifunction Key " * " to access the second level menu. Once the second level menu appears, use the automatic switch to manually tune to a desired station. Manual tuning is in 1 kHz steps.

Numerical Frequency Selection for AM & FM

Access the second level menu by pressing the multifunction key " * ". Enter the frequency desired by using the multifunction keys. The display only shows possible first digits. After the first digit is entered, the display will return to the first level menu and allow the balance of the frequency to be entered.

Example: AM 1430 kHz

Station Recall Keys AM

By choosing one of the multifunction keys, (1...8), the station stored in memory is recalled. To store a station on any of the multifunction keys, tune to the frequency desired, press and hold a key for more than 2 seconds. The original frequency stored on that key will be displayed momentarily, then replaced with the frequency desired. (If you do not wish to replace this station, release the key while the original stored frequency is still in the display.) The key number for the stored station will appear to the right of the frequency.

Station Recall Keys FM

The radio has 24 memory positions available for FM. Each of the station recall keys, (1...8), can store 3 different stations. Press the key once to recall the first stored station, twice for the second, and three times for the third. The display will indicate which memory level is recalled (ie: FM"2 is the third memory level on key 2).

To store a station on any of the multifunction keys, tune to the frequency desired, press the key repeatedly to reach the appropriate memory level and then hold the key until the desired frequency is displayed. The original frequency stored on that key will be displayed momentarily, then replaced with the new frequency. If you do not wish to replace the originally stored station, release the key while that frequency is still displayed.

Autostore (only FM)

While in the FM band, call the FM menu by pressing the multifunction key " * "; then press and hold the key under "AS" until "**AS-SEEK**" appears in the display. The radio is now searching and memorizing the eight stations with the strongest signals. The stations are stored according to the strength of their signals. When the eight strongest stations are identified and stored, "AS-SEEK" is replaced with the strongest station, which is now stored on multifunction key "1". When the autostore function is used, "AS" will appear in the display to the left of the band indicator.
The autostore function can be recalled at any time, by pressing the "AS" key in the FM menu mode. To cancel the autostore function, press the **S** button, or press the "AS" key again.
The Autostore function uses a separate memory; the original stations programmed for FM are not affected.

Traffic Program (TP)

Traffic program is another function of the RDS system. When in the FM band and tuned to a station that broadcasts the TP signal and indicator, the radio can be set to interrupt CD playback when a traffic announcement is broadcast.

Selection of TP Station

Press the TP button and a station search will begin to locate the next station broadcasting the TP identifier. TP stations can also be tuned in manually or by seek or scan functions. When a TP station is identified, "TP" will show in the top right of the display.

TP Stand-by ON/OFF

Should you want to interrupt CD playback to hear the traffic announcements, tune in a TP station on the FM band, then select CD. Press the TP button and the letters "TP" with a black background will appear in the display. When traffic information is broadcast, the tape or CD will be interrupted until the end of the announcement.
If the TP button is pressed and the station tuned in is not a TP station, the radio will seek the next station with TP broadcasts.
Pressing the TP button while a message is being broadcast will interrupt the message and return to CD playback. Press the TP button until the icon disappears from the display to cancel the TP function.

Note: During the time of printing the manual only a few stations are transmitting the traffic program informations.

Muting during Car Telephone Calls

If your car telephone and radio are connected with the proper mute line, the audio will be muted and the display will show **"PHONE"**. During the call, the radio will not accept any commands.

Recalling the actual Time, City- and State- Code

Another function of the RDS system is the ability to display current **TIME**, broadcast **CITY**, and broadcast **STATE**. While tuned to an RDS station, access the FM menu and press the multifunction key "T". If the station is broadcasting the information, the Time will be displayed. Press the key again to access CITY and a third time for STATE. If the information is not available, "**NO TIME**", "**NO CITY**", or ”**NO STATE**” will be displayed. If after eight seconds no choice has been made, the radio will return to the station recall menu.

Playing a CD

Slide a CD, with label side up, slowly through the slot until the player draws it in and the display shows "LOADING". The radio switches automatically to CD, and begins to play track 1. The display shows "CD TRACK 1" and the CD menu appears above the multifunction keys. To access CD playback at any time, press the function button until "CD" appears in the display.
If no disc is in the player, "NO CD" will appear in the display. The disc will remain in the player until ejected.

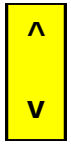
Switching from CD to Radio

S Press the **S** button repeatedly until the desired frequency is displayed.

CD Eject

To remove the disc from the radio, press the Eject Button. The disc disengages and can be easily retrieved. The disc can be ejected with the car off, radio off, and radio in code.
The CD remains in the radio until ejected.

Title Search Forward/Reverse



To advance to the next track on the same CD, press the top of the automatic switch. The title currently playing will mute, the audio will return when the changer has located the title you requested. To advance several tracks, press the automatic switch repeatedly.
To replay the current track, press the lower side of the automatic switch. To reverse several tracks, repeatedly press the lower side of the automatic switch. The current track will count as the first track to replay.
Note: To replay the current track, it must have played for ten or more seconds.

SCAN Search

Press and hold the upper side of the automatic switch to scan (sample) the track of the CD playing. The scan will last approximatly eight seconds and will only scan forward. "SC" will be displayed to the right of the track indicator. To stop the scan function, press the automatic switch again.

Audible Music Search Forward/Reverse

To start an Audible Music Search forward " >> ", or reverse " << ", press the multifunction key under the symbol. The search will continue as long as the key is held. To assist in monitoring the progress of the search, the relative time is displayed. Once the search has ended, relative time will be displayed for approximately eight seconds.

Display of Elapsed Time

Press the multifunction key under "T" to display the elapsed time for the current track.
Press the multifunction key "T" a second time, (within eight seconds of the first) and it will display the total number of tracks and total playback time.

Random Play

Press the multifunction key under "RP" to start the random play function. The tracks on the disc will be replayed in random order. "RP" will be displayed to the right of the track indicator. To cancel random play, press the multifunction key "RP" again.

Direct Track Selection

Press the multifunction key under " * " to access any track directly. "1...0" will reappear and "**TRACK** _ _" will be shown in the display. Press the multifunction key or keys to select the track you wish to hear. If no selection is made within eight seconds, the unit switches back to the CD Menu.

CD-CHANGER OPERATION

Set Up

If a CD Changer is installed, it will be ready for use as soon as a magazine containing CDs is inserted into the changer. Install the magazine with the loading side to the right. After installing the magazine, close the door and the unit will be ready to play. The CD Changer controls are incorporated into the radio.
To eject the magazine, press the eject button visible when the door is opened. A short waiting period may be required while the disc last played unloads.

Loading/Emptying the CD-Magazine

To aid in locating the removing a disc, each compartment is numbered and a tab is provided for easier removal. Gently slide the tab to retrieve the disc. When inserting a disc, follow the instructions on the magazine.

Note: If a disc is inserted incorrectly, it will not play. For fastest access to your discs, start loading at compartment one.

Playing of CD's

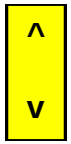
S To access the CD changer, press the **S** button repeatedly until "**CD 1...**" appears in the display. Once the CD Changer function is chosen, you will have the choice of which disc to play. Choose a disc by pressing a multifunction key below "**+**" for an ascending or "**CD-**" for descending disc number. Once a disc has been selected, "**LOADING**" will appear in the display. If no disc is installed in the compartment, the display will show "**NO CD _**". The changer will then load the next disc in the magazine. Likewise, at the end of the disc, the next disc in the magazine is loaded.

The following functions are performed identically by the CD Changer and single disc player. Please refer to the appropriate section.

- **Title Search Forward/Reverse**
- **SCAN Search**
- **Music Search Forward/Reverse**
- **Display of Relative Time, Title Numbers and Total Playback Time**
- **Random Playback**
- **Direct Title Search**

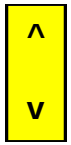
USER MENU SELECTIONS

User Menu



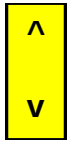
The user menu allows the choice of contrast and CD Changer type. To access the User Menu, turn the radio on and immediately press and hold the multifunction key "*" for more than 2 seconds. The User Menu can only be accessed during the **first eight seconds of operation.** The display shows "**SEL USER**". Use the automatic switch to choose the function you wish to adjust. If no choice is made within four seconds, the radio returns to the last operating mode (Radio, CD, or CD Changer).

To Adjust Contrast



Press the automatic switch to access "**CONTRAST**". You may now choose between High or Middle contrast levels. To choose, press either multifunction keys under the "< >" symbols. To store your choice, press the multifunction key under "**AS**".

CD-Changer Type



Press the automatic switch to access "**CDC - TYPE**". You may now choose between 6 or 10 Disc Changers. To choose, press either multifunction key under the "<>" symbols. To store your choice, press the multifunction key under "**AS**".

END

Press the automatic switch to access "**END**". After four seconds the USER Menu is left, and the last radio function returns.

Installation

Remove frame **A** from the radio by depressing the spring clips and sliding the frame off the rear of the radio. Slide frame **A** completely into instrument panel cut-out **B** until the frame is flush on all sides. Bend locking tabs **C** outward to hold the frame securely in place. If possible, use both upper and lower tabs to secure the frame.
Slide the radio into the frame until the spring clips lock into place.

Removal

Removal tools are supplied with the radio. These tools are marked for identification, **TOP R** for right side and **TOP L** for left.
Remove the display and locate the two slots in the bottom corners of the frame. Insert the appropriate tool into each slot until it locks. Pull evenly on both tools to remove the radio.

CONNECTION INSTRUCTIONS

A	-1	Not Used
	-2	Not Used
	-3	Telephone Mute Line
	-4	Permanent Plus (Battery)
	-5	Antenna Trigger (+)
	-6	Not Used
	-7	Switched plus (Ignition)
	-8	Ground

B	-1	Speaker Right Rear +
	-2	Speaker Right Rear -
	-3	Speaker Right Front +
	-4	Speaker Right Front -
	-5	Speaker Left Front +
	-6	Speaker Left Front -
	-7	Speaker Left Rear +
	-8	Speaker Left Rear -

C	1	Line Out Left Rear
	2	Line Out Right Rear
	3	Ground
	4	Line Out Left Front
	5	Line Out Right Front
	6	Amplifier Trigger (+)
	9-11	Not Used
	13-20	CD Changer control connector **Use with compatible changers only!**

D	Antenna Connector
E	Fuse 10 Amp.