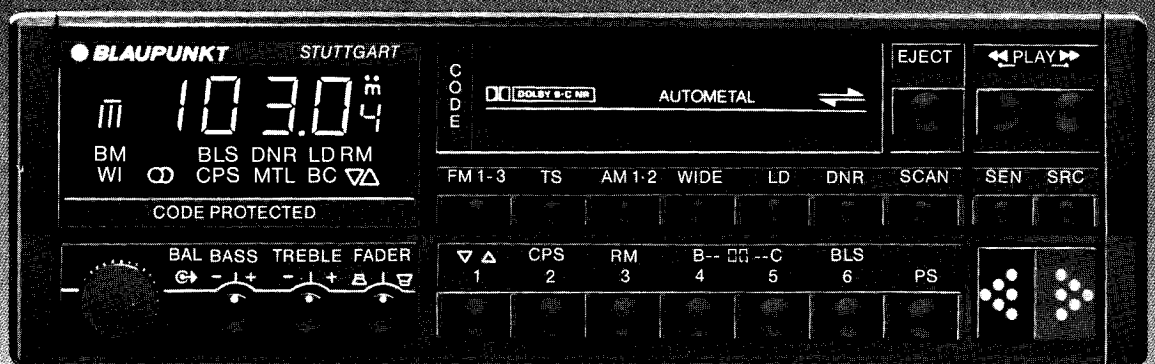
OWNER'S MANUAL
MODE D'EMPLOI



BLAUPUNKT **STUTTGART**

Bosch Telecom

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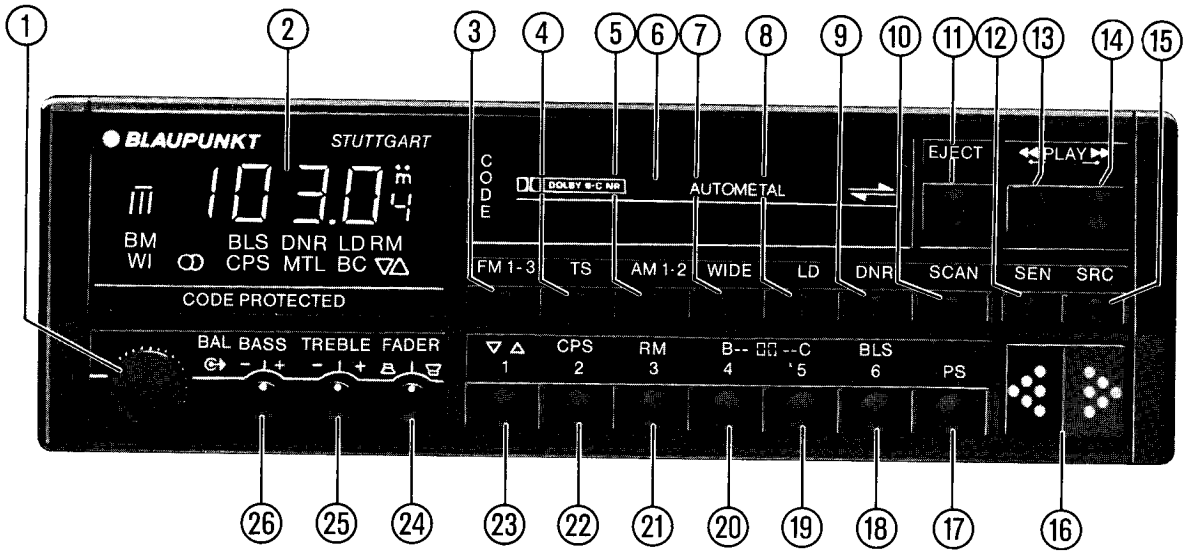
BLAUPUNKT
STUTTGART
BM
WI
BLS DNR LD RM
CPS MTL BC
CODE PROTECTED
CODE
DOLBY B+C NR
AUTOMETAL
EJECT
PLAY
FM 1-3
TS
AM 1-2
WIDE
LD
DNR
SCAN
SEN
SRC
BAL BASS TREBLE FADER
CPS
RM
BLS
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1
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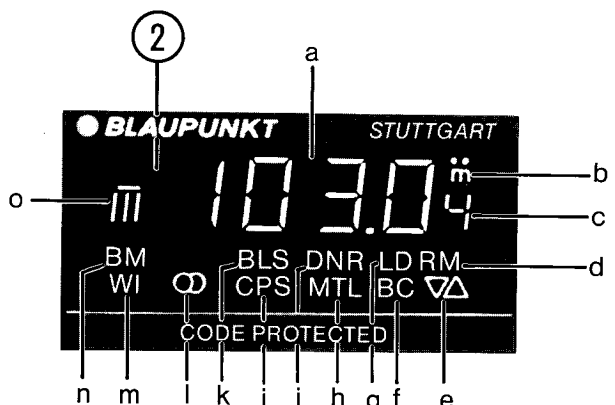
BLAUPUNKT
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Table of Contents

Features

Congratulations! on your purchase of the Blaupunkt Stuttgart FM/AM Cassette Player. This unit is truly at the leading edge of car audio technology. Its High Definition Tuner and Ultra Precise Superlaminated Tape Head provide the ultimate in sound reproduction. Its Travel Store feature allows you to automatically load the six strongest receivable FM stations into the tuner's presets as you travel through various reception areas. The unit has been designed to interface with any of Blaupunkt's excellent amplifiers, equalizers, crossover networks and speakers.
The unit incorporates a user programmable electronic Anti-Theft System which makes the radio useless should it be forcefully removed from the vehicle.

- UHDT – Ultra High Definition Tuner™
- 18 FM/12 AM Station Presets
- 6 FM Travel Store Presets
- 4 x 10 watts output in 4 channel mode
- FM frequency response 35 – 16,000 Hz
- Auto and Manual Seek up/down
- FM and AM Scan
- Preset Scan
- Multi-Path Suppression
- Automatic Local/Distance Seek Tuning
- ASU Impulse Noise Quieting
- Direct Software Control (DSC)
- Full Logic Cassette Operation
- Motorized Loading and Eject
- Pinch Roller Release
- Dolby B and C
- DNR™ – Dynamic Noise Reduction for FM and Cassette
- Super Cassette Program Search
- Blank Skip (BLS)
- Radio Monitor (RM)
- Cassette Frequency Response 35 – 18.000 Hz -3 dB
- Automatic Metal Tape Equalization (70-120 µsec.)
- Ultra Precise Superlaminated Tape Head
- Cassette Scan
- Separate Bass and Treble Controls
- Separate Balance and Fader Controls
- Programmable Loudness
- Preamp Output
- Flex Fader
- Anti Theft Code / Personal Identification Number
- Dimensions (mm): 180 W, 52 H, 160 D

Dolby B/C – Noise reduction is manufactured under license from Dolby Licensing Corporation. "Dolby" and the double-D symbol are trademarks of Dolby Laboratories Licensing Corporation.
DNR™ – Is a registered trademark of National Semiconductor.
ASU – Is a registered trademark of Blaupunkt-Werke GmbH

FM reception in your car

Unlike your home audio system, where the antenna is fixed, your car radio must rely on reception from an aerial which is constantly moving. The Ultra High Definition Tuner – UHDT, included with this unit, was developed by Blaupunkt to minimize the effects from varying signal strength, multi-path distortion and shadowing created by large buildings and obstacles in the environment. There may be times when the signal strength is insufficient for the UHDT tuner to adequately improve reception. During these occasions, we suggest the selection of another, stronger station.
In order to optimize the performance of this advanced tuner, care should be taken to insure that a properly installed and extended aerial is used at all times.

Basic guide to operation

This chapter is divided in the following four sections:

Sound control
Radio operation
Cassette operation
CD-Changer operation

In the case of double functions separate instructions are given. **Functions,** which need further **explanations** are described in chapter **"Notes on Operation"**.

① **On/off**

Sound control

① **Volume control**

① **Balance control**
For adjusting the left/right volume.
Pull knob (locks)
Push button back in after adjustment.

⑦ **Button 'Wide'**
To switch over the AM bandwidth from 4.5 kHz to 9 kHz in case of spurious frequencies.
If a bandwidth of 9 kHz is selected, "WI" is shown in the display.

⑧ **LD button**
Loudness - boosts bass at low volume levels to compensate for the inefficiencies of the human ear.
Loudness is switched on/off by pressing the button LD ⑧. "LD" ②g lights up in the display when loudness is switched on.

⑨ **DNR™ button**
DNR stands for Dynamic Noise Reduction
This function allows you to reduce the noise which may be present during cassette and radio operation.
DNR is switched on when the display ②i indicates "DNR".
Press the button to activate and deactivate this function.

㉔ **Fader**
For adjusting the front/rear volume.
Push control knob so that it unlocks and turn it. If only two speakers are connected, the fader must be set to middle position.
Depress control when adjustment is completed.

㉕ **Treble control**
Unlock rotary control by pressing it.
↘ - treble is boosted
↗ - treble is cut
Depress rotary control.

㉖ **Bass control**
Push control to release.
↘ - bass is boosted
↗ - bass is cut
Depress rotary control.

Radio operation

② **Display - for**
a) Frequency, code, fast winding, title selection. With Super-CPS the number of titles to be skipped is displayed
b) Search tuning sensitivity level
- ● Normal sensitivity
- ●● High sensitivity
- m manual tuning

c) 1-6 (station buttons)
d) RM (radio reproduction during fast winding)
e) Track indicator
- ▼ Track A or 1 will be played
- ▲ (Reverse mode) Track B or 2 will be played

f) Dolby B/C
g) LD (loudness)
h) MTL (tape type)
i) DNR (noise suppression)
j) CPS (cassette program search)
k) BLS (automatic fast forward at tape blanks)
l) ∞ (stereo)
m) If a bandwidth of 9 kHz is selected, "WI" is shown in the display
n) AM/FM
o) I-III/T (FM memory banks)

③ **Button FM 1-3**
FM waveband button (87,5 - 107,9 MHz) and for the FM memory banks I-III.
On each memory bank six FM stations can be stored by means of the buttons ⑱ - ㉓.
By pressing button ③ several times you switch over between the memory bank I, II and III. The display ②o shows the activated memory bank.

④ **Button TS**
With this button the six strongest stations of the relevant area can be automatically stored and called up.

⑤ **Button AM 1·2**
Waveband button for AM 520 - 1710 kHz and AM memory bank selector.
With the aid of the buttons ⑱-㉓ six AM stations can be stored on each memory bank.
The memory banks are switched over by pressing the button ⑤.
The display ②o shows the activated memory bank.

⑦ **Button 'Wide'**
To switch over the AM bandwidth from 4.5 kHz to 9 kHz in case of spurious frequencies.
If a bandwidth of 9 kHz is selected, "WI" is shown in the display.

⑩ **SCAN button**
This button serves to automatically search and play the receivable stations of the selected waveband.

⑫ **Button SEN**
For setting the search tuning sensitivity/manual search tuning
● - normal sensitivity
Search tuning only stops at stations that provide good reception.

●● – high sensitivity
Search tuning also stops at stations that provide minor reception.
m – manual tuning.
The search tuning sensitivity can be stored for each station separately since reception conditions vary from region to region (see "Setting the Search Tuning Sensitivity").

⑮ **Button SRC** (SOURCE)
This button serves to switch over between the audio sources at cassette operation (cassette ⇆ radio).

⑯ **Search tuning rocker switch – station selection**

⑰ **Button PS (Preset Station Scan)**
This button serves to scan a stored program on the chosen waveband, in FM mode on all memory banks.
Button depressed – the stations are scanned in intervals of 8 seconds.
Quit this function by pressing this button once again.

⑱ – ㉓ **Buttons 1-6 (station buttons)**
Storing a station – hold button depressed until the program is audible again.
Call up – press button.

Cassette operation

② **Display – for**
a) Cassette functions
FR – fast rewind
FF – fast forward
title selection. With Super-CPS the number of titles to be skipped is displayed.
d) RM (radio reproduction during fast winding)
e) Track indicator
▼ Track A or 1 will be played
▲ (Reverse mode) Track B or 2 will be played
f) Dolby B/C
g) LD (loudness)
h) MTL (tape type)
i) DNR (noise suppression)
j) CPS (cassette program search)
k) BLS (automatic fast forward at tape blanks)

⑥ **Cassette door**

⑩ **Button SCAN** (scanning mode)
Titles are played for a short time one after the other.

⑪ **Button Eject – Cassette eject**

⑬ ⑭ **Rocker switch (fast winding)**
◀◀ ⑬ depressed – fast rewinding (FR in display).
▶▶ ⑭ depressed – fast forward (FF in display).
Stop fast winding by pressing the other side of the rocker switch.
At the beginning and the end of the tape, fast winding is stopped automatically.
The set switches over to cassette reproduction (at the end of the tape after automatic track switching).

⑮ **Button SRC** (SOURCE)
Allows to change over between the audio sources cassette ⇆ radio ⇆ cassette.
The display shows the activated audio source.

The red lettering on the buttons ⑱ – ㉓ applies for cassette operation.
The cassette functions can only be activated during cassette operation.

⑱ **Button BLS** (Blank Skip – skipping of tape blanks)
This function allows to skip pauses on the tape e.g. at tape end.
The display ②k indicates BLS when this function is activated.
In case of a pause lasting more than 15 sec. the cassette is fast forwarded automatically to the end of the tape or to the following track.

⑲ ⑳ **Buttons DX (Dolby NR*)**
Cassettes with Dolby NR-B or Dolby NR-C encoded tapes can be played.
These modes are switched on/off with button ⑳ for "Dolby NR-B" and button ⑲ for "Dolby NR-C".
The display ②f shows the activated mode.

* Noise reduction system manufactured under license from Dolby Laboratories. The word Dolby and the double D symbol are the trademarks of Dolby Laboratories.

㉑ **Button RM**
Radio Monitor – allows radio operation during fast winding.

㉒ **Button CPS** (Super-CPS)
This button serves to select particular tunes. The display indicates the number of titles to be skipped.

㉓ **Track selector**
Press this button to switch over to the other track.
The display ②e shows which track is played.
▼ Track A or 1
▲ (Reverse mode) Track B or 2

Notes on operation

On/off ①
Turn knob

Sound control

Volume ①

(TREBLE) ㉕
Depress knob to unlock it if you want to adjust treble.

Bass ㉖
Depress knob to unlock it if you want to adjust bass.

Balance ①
Pull out knob and adjust the left/right sound volume.
Press knob.

Fader ㉔
To adjust the front/rear sound volume.

Press this rotary knob so that it unlocks in order to make the adjustment.

When four speakers are connected, maximum volume is obtained in middle position.

When two speakers are connected, turn the fader into middle position.

The loudness

At reduced volume the human ear is less sensitive to bass than to middle and higher frequencies.

This effect is reduced with increasing volume. Since the perception of sound depends on the type of equipment (amplifier), the arrangement and the type of the speakers as well as on the vehicle, the loudness can be adjusted in different levels.

The loudness is switched on or off by

- pressing button "LD" ⑧. When the loudness is switched on "LD" appears on the display ②g.

The desired level is adjusted as follows:

- Hold button "LD" ⑧ depressed for approx. 8 sec until "LD" flashes and a number beweeen 1 - 6 is displayed.

Set the desired level with the rocker switch ⑯ (← downwards, → upwards).

In order to store the setting

- press momentarily the button "LD" ⑧.

Radio operation

The following wavebands can be received:
FM 87,5 – 107,9 MHz and
AM 520 – 1710 kHz

Selecting a waveband

Select the desired waveband by

- pressing the keys ③, ④ or ⑤.

Selecting a station
... using the search tuning rocker switch

In order to start the search tuning

- press rocker switch ⑯. Start the search tuning until you have tuned to the desired station.
  Hold the rocker switch depressed for more rapid tuning.

... using station buttons and memory banks

For this, a prior storage allocation as described in chapter "Storing a station" is required.

- In order to call up FM stations, press the button FM 1-3 ③ several times until the desired memory bank I, II or III ②o is displayed.
- Now press the corresponding preset button.

The stations stored in the travelstore range can be called up after having pressed the button TS ④.

... using the SCAN button ⑩

This button serves to automatically search and scan programs of the selected waveband.

- Press button SCAN –
  all stations are played for 8 sec.

When the desired program has been found,

- press button "SCAN" once again. The scanning function is switched off.

The scanning function can be activated on all wavebands.

... using Preset-Scan (PS) ⑰

This button serves to automatically search and scan the stored program of the selected waveband (in case of FM on each memory bank I, II, III and T).
For this, a prior storage allocation as described in chapter "Storing a station" is required.

- Press momentarily button PS, the set scans the next stored station.

The program of the corresponding station is played for a short time. Then the next stored station is played, etc.
If no station is stored on a certain preset button, the unit skips to the next preset station.

Preset-Scan is functional on all wavebands.

Having found an appropriate program,

- press button PS once again. Preset-Scan is switched off.

Storing a station
... using automatic search tuning

In FM mode, you can store 3x6 stations on 3 memory banks. The FM memory banks can be selected by pressing the button FM 1-3.
You can store 2 x 6 stations of the AM waveband.
Additionally, the 6 strongest FM stations on the travelstore range can be stored automatically.
Stored programs and stations can be called up again by pressing the corresponding preset button.

For storing a station proceed as follows:

- Should you wish to store an FM station, select a memory bank by pressing the button FM 1-3 ③ or TS ④ several times, if required.
  The display ②o indicates the number of the corresponding memory bank I, II, III or „T".

In order to store the desired station,

- hold the appropriate preset button ⑱ – ㉓ depressed until the audio returns (approx. 2 sec). This station is now stored.

The preset indicator ②c shows which preset button has been used.

Repeat this procedure for the other presets, as required, on all wavebands and FM memory banks.

... using manual tuning

If you wish to store a station without yet being within that station's range,

- press button SEN ⑫ until the display ②b shows "m".
  Here, "m" stands for manual tuning.

Should you wish to store an FM frequency, first select the memory bank by

- pressing the button FM1-3 ③.
- Press the rocker switch to tune to the desired frequency and store the station as described.

Store the station by

- pressing the appropriate preset button (until the audio returns).

Having stored the station in this way

- switch to station search tuning •• m • by means of the button SEN ⑫.

Besides the stations already stored, the last station you listened to on each waveband is also stored.

... using Travel Store

The travel store function enables you to store automatically the 6 strongest stations of your particular reception area.
We recommend to use this function especially when you are travelling.

Switch on travel store and activate the station memory by

- pressing button TS ④ for approx. 2 sec.

While scanning the waveband and storing the set is muted for approx. 15 sec.

Mono switching

Your radio is fitted with a Blaupunkt FM tuner (UHDT), which largely ensures undisturbed reception and perfect sound.
In areas where signal strength is insufficient and/or where multipath reception due to reflections can occur, the unit switches gradually from stereo to mono. This provides for considerably better reception while driving. In areas with especially critical reception conditions we recommend to switch to "m" by means of the button SEN ⑫ in order to suppress the background noise in stereo mode. The stereo indicator ②l goes off.

Setting the search tuning sensitivity

a) with button SEN ⑫.
The display ②b indicates the activated sensitivity setting.

• – normal search sensitivity
Stereo broadcastings are played in stereo.
•• – high search sensitivity (stereo)
m – manual tuning, at the same time "mono" is activated (delay).

b) with software

When the station density is extremly high or low, it can be useful to adjust the level of the two search sensitivity settings (•/••) separately.

- Select the search sensitivity setting (• or ••) the level of which you want to change and
- press button SEN ⑫ for approx. 8 sec until "•" and a number between 1-3 is displayed.
  1 ≙ high sensitivity
  3 ≙ normal sensitivity
- Adjust the desired search sensitivity by means of the rocker switch ⑯ (← downwards; → upwards).

In order to store the adjustment

- press momentarily button SEN ⑫.

Bandwidth selector

In AM mode, the bandwidth can be adjusted either to 9 kHz or to 4.5 kHz by pressing the button "WIDE".
"WI" in the display ②m indicates that the bandwidth is set to 9 kHz.
We recommend to switch over to 4.5 kHz in case of radio interferences (caused, for example, by adjacent stations). When doing so, "WI" goes off in the display ②m.

Cassette playback

In order to obtain optimum playback quality, we recommend to activate the system (noise suppression, tape type) which was used for recording.

- Check whether a Dolby B-NR, Dolby C-NR, or a cassette without Dolby NR is used.
- Insert the cassette into the cassette compartment (side A or 1 facing upwards).

The cassette is automatically transported into playback position.
The buttons ⑱ – ㉓ now serve for cassette operation (red lettering).

The cassette will be played back in the direction that was used last. The display indicates the corresponding track.
When the end of the tape is reached, the unit will automatically reverses direction and resume play (autoreverse mode).
The cassette will be ejected, if you

- press button Eject ⑰.

Tape type switching

The tape type switching is done automatically (METAL, CrO_2, Fe_2O_3). The display ②h indicates "MTL", if METAL or CrO_2 cassettes are used.

Dolby-NR

The unit can be used to play back cassettes which have been recorded

a) with Dolby B NR
b) with Dolby C NR
c) without noise reduction systems.

On cassettes which have been recorded with Dolby NR*, background hiss is much lower and dynamics are better. Dolby C NR goes a stage further than Dolby B NR and reduces undesired background hiss even further.

Dolby B or C NR are switched on/off by
- pressing button ⑳ or ⑲.

The display ②f shows the corresponding symbol B or C. If no symbol lights up, Dolby-NR is not switched on.

* Noise reduction system manufactured under license from Dolby Laboratories. The word Dolby and the double D symbol are the trademarks of Dolby Laboratories.

Track switching (autoreverse mode) ㉓

The unit is equipped with a high-quality autoreverse cassette mechanism.
Having inserted the cassette, playback starts in the direction used last.
The display indicates ▼ for track A or 1, or ▲ for track B or 2.

When the end of the tape is reached the unit automatically reverses direction and resumes play (autoreverse operation).

The track can be switched over at any time by
- pressing the button ▼▲ ㉓.

Attention!
Stiff cassettes may change from track to track without warning. If this happens the tape winding should be inspected, and respooling the cassette may prove helpful.

If an activated cassette function cannot be carried out, the cassette will be ejected to avoid harmful effects upon the cassette. If cassette ejection is also not possible, the arrows for ◄◄/►► light up simultaneously. The unit is muted.
By switching the unit off and on, the cassette function can be activated again.

Selecting a title with Super-CPS ㉒

CPS stands for **C**assette **P**rogram **S**earch and enables you to skip to particular music tracks. Up to 9 tracks can be skipped in both forward and backward direction.

CPS is switched on or off by
- pressing button CPS ㉒.

If this function is activated, the display ②j indicates CPS.

In order to skip to a particular music track
- press button ►► ⑭ (forward, FF in display) or button ◄◄ ⑬ (backward, FR in display) as often as required.

The display ②a also shows the number of tracks to be skipped.

Use the one side of rocker switch (◄◄ or ►►) to increase the entry and the other side (◄◄ or ►►) to stop search tuning.

SCAN ⑩

When the scan function is activated, the unit successively plays the tracks on the cassette for approx. 8 sec. Having played a track for 8 sec the unit skips to the following track and starts to play again.

The scan function is activated by
- pressing the button SCAN ⑩. The display ②a indicates "SCAN".

The tape quickly winds forwards and the beginning of the following track is played.

The entire track will be played, if you
- press the button SCAN once again. Scan is deactivated and the corresponding track is played without interruption.

Automatic fast forward at blanks

using **BLS** (**Bl**ank **S**kip)

Frequently, purchased cassettes are not fully recorded so that the cassette may contain longer blanks at the end of the tape.

BLS recognizes blanks lasting more than 15 sec. In this case, the tape is automatically winded fast forward. This function is activated, if the display ②k indicates BLS.

In order to switch BLS on or off,
- press button "BLS" ⑱.

Listening to the radio while fast winding

using the button **RM** (**R**adio **M**onitor) ㉑

During fast winding (also at SCAN, CPS, BLS) the unit is usually muted. In this case, however, radio operation can be activated by
- pressing the button RM ㉑. The display ②d indicates "RM".

As soon as fast winding starts, broadcastings of the tuned station are received.

Press this button once again to switch off this function. The display no longer indicates "RM".

Switching between audio sources

using the button **SRC** (**SOURCE**) ⑮

This button serves to switch over between cassette and radio operation even if the cassette remains inserted.

If you switch over to radio operation, the cassette tape is stopped. The tape head and the pressure rolls retract in order to protect the cassette and cassette mechanism (stand-by operation).

Care and maintenance

Care of cassettes and unit

Handle your cassettes and unit carefully. We recommend to use C 60/C 90 cassettes.
You may expect less wear and tear of the cassette mechanism and better operation behaviour from a cassette produced by a leading manufacturer.
Metal, ferrous oxide, chromium dioxyde, and ferrichrome cassettes can be used.
Protect your cassettes against dirt and dust by keeping them in suitable containers.
Heat exceeding 50°C, e.g. when exposed to direct sunlight, may damage your cassettes.
At temperatures below 0°C, do not start playback of your cassettes before they have warmed up sufficiently.

This helps to avoid irregular tape transport. Constant wear of the tape soils the cassette mechanism. Therefore, the head, the rubber pressure rolls, and the capstan shaft are to be cleaned so that a trouble-free reproduction and function of the cassette unit is ensured. These parts should be cleaned with a **cotton pad dipped in alcohol.** Never use hard tools for cleaning. After approx. 50 hours of operation, the unit should be examined and thoroughly cleaned by an expert.
This maintenance work is not part of the service covered by our guarantee conditions.

Anti-theft coding

A 4-digit fix code may render your car radio unusuable to thieves.

In addition, you can enter max. 3 x 4 numbers for your Personal Identification Number (PIN).

When switching on the unit after the power supply to the unit has been interrupted (e.g. in the case of theft or repair), the entered number will be displayed in sequences. Since your individual data are displayed it is easy to prove your ownership.

The unit now prompts the correct entry of the secret code number. If an incorrect code number is entered, the display indicates for approx. 10 sec. "----".

After the sixth unsuccessful attempt of entering the correct code number, this period is extended to 1 hour. After 20 incorrect attempts the set can only be decoded by special means.

If the coding system has not been activated, the set can be operated without entering the code after a power supply cut off.
The four-digit fix code predefined ex factory is given in the enclosed car radio ID card.

Attention!
Keep your car radio ID card in a safe place to avoid that any unauthorized person can find out the four-digit code.

If you forget your code (or if you lose your ID card), you will not be able to operate the unit after the power supply was interrupted provided the coding system has been activated.

In this case, your radio will have to be decoded in our central service workshop or in one of our foreign agencies on presentation of the purchase receipt.

Activating the code system/entering the Personal Identification Number (PIN)

- Switch the set off.
- Depress and hold preset buttons 1 and 4.
- Switch the set back on.

The display shortly indicates "Code", then "-/id-" starts to flash.

You can store all 12 digits your "Personal Identification Number" (PIN) on three different levels.

a) If you prefer **not to enter "PIN",**

- press right hand part of rocker switch.

The last selected frequency in the last selected waveband is displayed.

The code system is active.

b) If you want to **enter or modify "PIN"**

- press any of the station preset buttons, for instance button 1 ㉓.

The display shows four zeros and a small "1".

"1" indicates the storage level. Using the left hand part of the rocker switch, you can select the storage level (1, 2, 3, 1, etc.).

With the station preset buttons 1 ㉓ through 4 ⑳ 4 digits each of your "PIN" code can be stored on either level.

You should preferrably start out entering the first four digits on storage level 1.

- Depress button 1 until the first digit is set.
- Press buttons 2, 3 and 4 accordingly, to have all preset digits displayed.

Enter the corresponding digits of your personal code on the storage levels 2 and 3 as well. Incorrect entries can still be corrected on all levels.

To save your "PIN" code:

- depress the right hand part of the rocker switch.

The last selected frequency in the last selected waveband is displayed.

The code system is active.

Whenever the set is switched on, "Code" appears shortly on the display.

ATTENTION

If your unit is not connected to constant power, the word "PLUS" appears on the display for about 2 sec.
The unit then tunes in to the station received last.
In this case, the unit cannot be coded. For coding, connect the set to permanent plus (as described on the label of your set).

Power supply interruption

After an interruption of the power supply (in the case of theft or during repairs in the shop), the personal identification number is displayed for 9 sec per storage level every time the radio is switched on.

The personal code being obvious and readable to everybody, it is simple to prove who is the legitimate owner of the set.

The radio the wants the correct code number to be entered.

- Press button 1 ㉓ until the first digit is set.
- Press buttons 2, 3, 4 accordingly until the selected code is displayed.
- Depress the right hand part of the rocker switch.

The radio is ready for operation when the correct code has been entered. If not, the display shows "----" for 10 sec.

Please verify the correct code in the radio passport before you try to make it play again.

Deactivating the code system/erasing the PIN code

- Depress and hold the station preset buttons 1 and 4.
- Switch the set on.

The personal identification number shows on the display for 8 sec per storage level and after that "CODE" appears.

To select a storage level

- depress the left hand part of the rocker switch.
- Enter the personal code with the station preset buttons 1 through 4.
- Now press first the left hand part of the rocker switch and then the right hand part ⑯.

This, then, deactivates your personal code and the "PIN" function. The set changes back to the last intuned station.

Specifications

Cassette Deck	Player System		Autoreverse cassette player with FF/FR
	Tape		4-track 2-channel stereo cassette
	Tape speed		4.76 cm/s (1-7/8 IPS)
	Wow and flutter		Less than 0.06 %
	Noise reduction		Switchable DNR and Dolby B/C
Radio	Tuner system		Quartz lock Ultra High Definition PLL synthesized
	FM band		87.5 - 107.9 MHz (200 kHz spacing)
	AM band		520 - 1710 kHz (10 kHz spacing)
	Mono sensitivity		15 dBf (1,2 uV/75 Ω)
	(with 50 dB quieting)		17 dBf (1,5 uV/75 Ω)
	Digital display		TLCD station frequency
	Noise reduction		ASU and switchable DNR
General	Power source		12 V (11 - 16 V) DC negative ground
	Output power		4 x 10 watts @ 4Ω
	Preamp Output Level		2 V
	Switchable Loudness		± 7 dB @ 100 Hz
	Weight (net)		3,4 lbs. (1.55 kg)
	Dimensions	(in.)	7 W x 2 H x 5 $^{7}/_{8}$ D
		(mm)	180 x 52 x 160 D

Due to continuing product improvements, specifications subject to change without notice.