

**SONY**<sup>®</sup>

3-858-436-11 (1)

***FM/MW/LW  
Cassette Car  
Stereo***

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Operating Instructions \_\_\_\_\_

**EN**

***XR-6859RDS***

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Actual total number:

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Sony XR-6859RDS (E) 3-858-436-11 (1)

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## Welcome!

Thank you for purchasing the Sony Cassette Car Stereo. This unit lets you enjoy a variety of features by using a rotary remote.

In addition to the tape playback and the radio operations you can expand your system by connecting an optional CD changer.

This unit also incorporates a security system.

EN

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## Getting Started

Depending on the car, the "Resetting the unit" and "Detaching the front panel" procedures may not work.

### Resetting the unit

Before operating the unit for the first time or after replacing the car battery, you must reset the unit.

Press the reset button with a pointed object, such as a ballpoint pen.



Reset button

EN

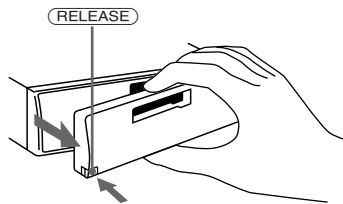
#### Note

Pressing the reset button will erase all the memorised stations.

### Detaching the front panel

The front panel of this unit can be detached in order to prevent the unit from being stolen.

- 1 Press **OFF**.
- 2 Press **RELEASE** to open up the front panel, and detach the panel by pulling it towards you.

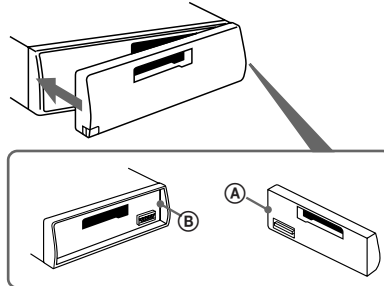


#### Notes

- Be sure not to drop the panel when detaching it from the unit.
- If you press **RELEASE** to detach the panel while the unit is still turned on, the power will be automatically turned off in order to protect the speakers from being damaged.

### Attaching the front panel

Attach part **A** of the front panel to part **B** of the unit as illustrated and push until it clicks.



#### Notes

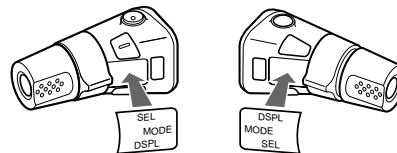
- Make sure that the front panel is the right way up when attaching it to the unit as it cannot be attached upside down.
- Do not press the front panel hard against the unit when attaching it to the unit. It can easily be attached by pressing it lightly against the unit.
- When you carry the front panel with you, put it in the supplied front panel case.
- Do not press hard or give excessive pressure to the display windows of the front panel.
- Do not expose the front panel to direct sunlight, heat sources such as hot air ducts or leave it in a humid place. Never leave it on the dashboard etc. of a car parked in direct sunlight where there may be a considerable rise in temperature inside the car.

### Caution alarm (Detachable front panel only)

If you turn the ignition key to the OFF position without removing the front panel, the caution alarm will beep for a few seconds.

### Preparing the rotary remote

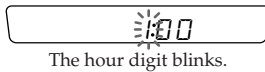
When you mount the rotary remote, attach the label in the illustration below.



## Setting the clock

The clock has a 24-hour digital indication.  
For example, setting it to 10:08

- 1 Press **(DSPL)** during operation.
- 2 Press **(DSPL)** for more than two seconds.



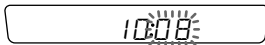
- 1 Set the hour digits.



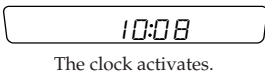
- 2 Press **(SEL)** momentarily.



- 3 Set the minute digits.



- 3 Press **(DSPL)** momentarily.



### Note (Audi only)

Turn the power on first, then set the clock.

## Cassette Player

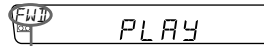
### Listening to the tape

Insert the cassette.

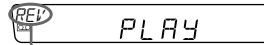


Playback will start automatically.

If the cassette is already inserted, press **(TAPE)** to start playback.



The side facing up is being played.



The side facing down is being played.

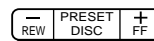
### Tip

To change the tape transport direction, press **(TAPE)** during tape playback.

To	Press
Stop playback	<b>(OFF)</b>
Eject the cassette	<b>(▲)</b>

### Fast-winding the tape

During playback, press either side of **(PRESET/DISC)**.



Rewind

Fast-forward

To start playback during fast-forwarding or rewinding, press **(TAPE)**.

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Getting Started/Cassette Player

Actual total number:

Sony XR-6859RDS (E) 3-858-436-11 (1)

## Locating the beginning of the tracks — Automatic Music Sensor (AMS)

You can skip up to nine tracks at one time.

During playback, press either side of **(SEEK/AMS)** momentarily.



To locate the previous tracks

To locate the succeeding tracks

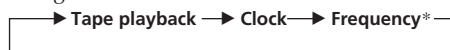
### Note

The AMS function may not work when :

- the blanks between tracks are shorter than four seconds
- there are noises
- there are long sections of low volume or quiet sections.

## Changing the displayed items

Each time you press **(DSPL)** momentarily during tape playback, the displayed item changes as follows:



EN

\* While the ATA function is activated

## Playing the tape in various modes

### Searching the desired track

#### — Intro scan

Press **(1)** during playback.

“INTRO” appears on the display.

The first 10 seconds of all the tracks are played.

When you find the desired track, press again. The unit returns to the normal playback mode.

### Playing tracks repeatedly

#### — Repeat play

Press **(2)** during playback.

“REP” appears on the display.

When the currently played track is over, it will be played again from the beginning.

To cancel this mode, press again.

## Switching to the radio during fast-winding the tape

### — Automatic Tuner Activation (ATA)

Press **(5)** during playback.

“ATA” appears on the display.

When fast-forwarding or rewinding with **(PRESET/DISC)**, the tuner will turn on automatically.

## Skipping blanks during tape playback — Blank skip

Press **(6)** during playback.

“BL.SKIP” appears on the display.

Blanks longer than eight seconds will be automatically skipped during tape playback.

## Radio

### Memorising stations automatically

— Best Tuning Memory (BTM)

This function selects from the currently received band the stations with the strongest signals and memorises them in order of their frequency.

#### PREVENTING ACCIDENTS!

When tuning in during driving, use the automatic tuning and the memory preset search function instead of the manual tuning.

**1** Press **(TUNER)** repeatedly and select the band.

Each time you press **(TUNER)**, the band changes as follows:

FM1 → FM2 → FM3 → MW → LW

**2** Press **(SENS/BTM)** for two seconds.

#### Notes

- The unit will not store stations with weak band frequencies on the preset number buttons. If there are only a few stations received, some preset number buttons will remain empty.
- When there is a preset number indicated on the display, the unit will store stations on all preset number buttons from the one currently displayed.

### Memorising only the desired stations

Up to 6 stations on each band (FM1, FM2, FM3, MW and LW) can be stored on the preset number buttons in order of your choice. Therefore, 18 stations can be memorised on FM.

If you try to store another station on the same preset number button, the previously stored station will be erased.

**1** Press **(TUNER)** repeatedly, and select the band.

**2** Press **(SEEK/AMS)** to search for the station which you wish to store on the preset number button.

Actual total number:

**3** Press the desired preset number button (**(1)** to **(6)**) for three seconds.

The number of the pressed preset number button appears on the display.

### Receiving the memorised stations

**1** Press **(TUNER)** repeatedly, and select the band.

**2** Press the preset number button (**(1)** to **(6)**) momentarily on which the desired station is stored.

#### Tip

Press either side of **(PRESET/DISC)** momentarily to receive in order the stations stored in the memory (Preset Search Function).

#### If FM stereo reception is poor — Monaural mode

Press **(SENS/BTM)** momentarily until "MONO" lights up on the display.

The sound will improve, but it will become monaural. (The "ST" indication will disappear.)

#### Changing the displayed items

Each time you press **(DSPL)**, the display item changes as follows:

Frequency ↔ Clock

#### If you cannot tune in a preset station

Press either side of **(SEEK/AMS)** momentarily to search for the station (automatic tuning).

The scanning stops when a station is received. Press either side of the button repeatedly until the desired station is received.

#### Note

If the automatic tuning stops too frequently, press **(SENS/BTM)** momentarily until "LCL" lights up on the display (local seek mode). Only the stations with relatively strong signals can be tuned in.

#### Tip

If you know the frequency, press and hold either side of **(SEEK/AMS)** until the desired station is received (manual tuning).

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Cassette Player/Radio

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# RDS

## Overview of the RDS function

Radio Data System (RDS) is a broadcasting service that allows FM stations to send additional digital information along with the regular radio programme signal. Your car stereo offers you a variety of services. Here are just a few: Re-tuning the same programme automatically, Listening to traffic announcements and Locating a station by programme type.

### Notes

- Depending on the country or region, not all of the RDS functions are available.
- RDS may not work properly if the signal strength is weak or if the station you are tuned in is not transmitting RDS data.

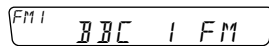
EN

## Displaying the station name

The name of the station currently received lights up on the display.

### Select an FM station.

When you tune in an FM station that transmits RDS data, the station name lights up on the display.



### Note

The "\*" indication means that an RDS station is being received.

### Changing the displayed items

Each time you press (DSPL), the displayed item changes as follows:



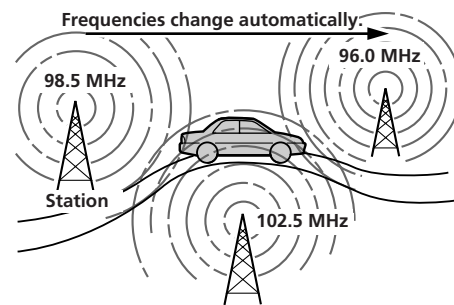
### Note

"NO NAME" lights up if the station received does not transmit RDS data.

## Re-tuning the same programme automatically

### — Alternative Frequencies (AF)

The Alternative Frequencies (AF) function automatically selects and re-tunes the station with the strongest signal in a network. By using this function, you can continuously listen to the same programme during a long-distance drive without having to re-tune the station manually.



### 1 Select an FM station.

### 2 Press (AF/TA) until "AF" lights up on the display.

The unit starts searching for an alternative station with a stronger signal in the same network.

### Note

When there is no alternative station in the area, and you don't need to search for an alternative station, turn the AF function off by pressing (AF/TA) until "AF TA" disappears.

### Changing the displayed items

Each time you press (AF/TA), the displayed items change as follows:



\* Select this to turn on both AF and TA functions.

### Notes

- "NO AF" and the station name flashes alternately, if the unit cannot find an alternative station in the network.
- If the station service name starts flashing after you've made the preset selection, it means that no alternative frequency is available and the unit cannot receive the PI (Programme Identification) data of the memorised station. Press (SEEK/AMS) while the station service name is flashing (for about eight seconds) so the unit starts searching for a station with the same PI data, but with another frequency ("PI SEEK" lights up and no sound is heard). If the unit still cannot find an alternative station, "NO PI" lights up and the unit goes back to the original preset station.



## Listening to a regional programme

The “REG” (regional on) function of this unit lets you stay tuned to a regional programme without being switched to another regional station. (Note that you must turn the AF function on.) The unit is factory preset to “REG” but if you want to turn off the function, do the following.

Press **(AF/TA)** for more than two seconds until “REG” disappears.

Note that turning the “REG” function off might cause the unit to switch to another regional station within the same network.

### Note

This function does not work in the United Kingdom and in some other areas.

## Local link function (United Kingdom only)

The Local Link function lets you select other local stations in the area, even though they are not stored in your presets.

- 1 Press a preset number button that has stored a local station.
- 2 Within five seconds, press again the preset number button of the local station.
- 3 Repeat this procedure until the desired local station is received.

## Listening to traffic announcements

The Traffic Announcement (TA) and Traffic Programme (TP) data let you automatically tune in an FM station that is broadcasting traffic announcements even though you are listening to other programme sources.

Press **(AF/TA)** until “TA” or “AF TA” lights up on the display.

The unit starts searching for traffic information stations. “TP” lights up on the display when the unit finds a station broadcasting traffic announcements. When the traffic announcement starts, “TA” flashes, then flashing stops when the traffic announcement is over.

### Tip

When the traffic announcement starts while you are listening to another programme source, the unit automatically switches to the announcement and goes back to the original source when the announcement is over.

### Notes

- “NO TP” flashes for five seconds if the received station doesn’t broadcast traffic announcements. Then, the unit starts searching for a station that does broadcast traffic announcements.
- When the “EON” indication appears with “TP” on the display, the current station makes use of broadcast traffic announcements of other stations in the same network.

## To cancel the current traffic announcement

Press **(AF/TA)** momentarily.

To cancel all traffic announcements, turn off the function by pressing **(AF/TA)** until and “TA” disappears.

## Presetting the volume of traffic announcements

You can preset the volume level of the traffic announcements beforehand, so you will not miss the announcement. When a traffic announcement starts, the volume will be automatically adjusted to the preset level.

- 1 Select the desired volume level.
- 2 Press **(3)** while holding down **(SEL)**.  
A beep sounds, and the setting is stored.

## Receiving emergency announcements

If an emergency announcement comes in while you are listening to the radio, the programme will be automatically switched to the announcement. If you are listening to a source other than the radio, the emergency announcements will only be heard if you set AF or TA to on. The unit will then automatically switch to these announcements no matter what you are listening to at the time.

## Presetting the RDS stations with the AF and TA data

When you preset the RDS stations, the unit stores each station's data as well as its frequency, so you don't have to turn on the AF or TA function every time you tune in the preset station. You can select different setting (AF, TA, or both) for individual preset stations, or the same setting for all preset stations.

### Presetting the same setting for all preset stations

- 1 Select an FM band.
- 2 Press **(AF/TA)** repeatedly and select either "AF", "TA" or "AF TA" (for both AF and TA functions).  
Note that turning the "AF TA" function off stores RDS stations as well as non-RDS FM stations.

- 3 Press **(SENS/BTM)** for two seconds.

### Presetting different settings for each preset station

- 1 Select an FM band, and tune in the desired station.
- 2 Press **(AF/TA)** repeatedly and select either "AF", "TA" or "AF TA" (for both AF and TA functions).
- 3 Press the desired preset number button for three seconds. Repeat from step 1 for presetting other stations.

**Tip**  
If you want to change the preset AF and/or TA setting after you tuned in the preset station, you can do so by turning on/off the AF or TA function.

## Locating a station by programme type

You can locate the station you want by selecting one of the programme type shown below.

### Note

In the countries or regions where EON data is not transmitted, you can use this function only for the stations you have tuned in once.

Programme types	Display
News	NEWS
Current Affairs	AFFAIRS
Information	INFO
Sports	SPORT
Education	EDUCATE
Drama	DRAMA
Culture	CULTURE
Science	SCIENCE
Varied	VARIED
Popular Music	POP M
Rock Music	ROCK M
Middle of the Road Music	M.O.R. M
Light Classical	LIGHT M
Classical	CLASSICS
Other Music Type	OTHER M
Not specified	NONE

### Note

You cannot use this function in some countries where no PTY (Programme Type selection) data is available.

- 1 Press **(PTY)** during FM reception until "PTY" lights up on the display.

**PTY** INFO

The current programme type name appears if the station is transmitting the PTY data. "----" appears if the received station is not an RDS station or if the RDS data has not been received.

- 2 Press **(PTY)** repeatedly until the desired programme type appears.

The programme types appear in the order as shown in the above table. Note that you cannot select "NONE" (Not specified) for searching.

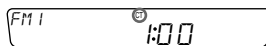
**PTY** SPORT

- 3 Press either side of (SEEK/AMS).**  
 The unit starts searching for a station broadcasting the selected programme type. When the unit finds the programme, the programme type appears again for five seconds. "NO" and the programme type appear alternately for five seconds if the unit cannot find the programme type and it returns to the previous station.

## Setting the clock automatically

By receiving CT (Clock Time) data, the clock of this unit can be set automatically.

During FM reception, press (2) while pressing (SEL). "CT" will be displayed, and the clock will be set.



### To cancel the CT function

Repeat the above procedure.

#### Notes

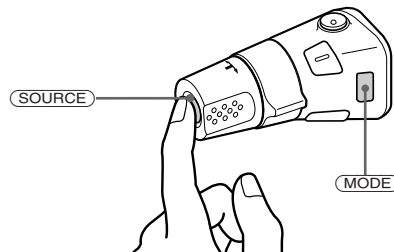
- The CT function may not work even though an RDS station is being received.
- The time set by the CT function may not be exact.

## Other Functions

### Using the rotary remote

The rotary remote works by pressing buttons and/or rotating controls. You can control the optional CD changer with the rotary remote.

#### By pressing the button (the SOURCE button)



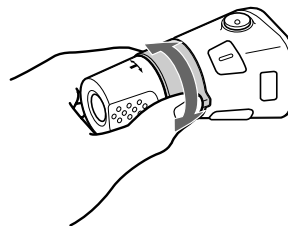
Each time you press (SOURCE), the source changes as follows:

FM1 → FM2 → FM3 → MW → LW → CD1 → CD2 → TAPE

#### Tip

You can turn on this unit by pressing (SOURCE) on the rotary remote.

#### By rotating the control (the SEEK/AMS control)



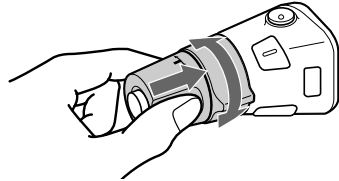
Rotate the control momentarily and release it to:

- Locate the beginning of the tracks on the tape. Rotate and hold the control, and release it to fast-wind the tape. To playback, rotate and hold the control again, and release it.
- Locate a specific track on a disc. Rotate and hold the control to locate the specific point in a track, then release it to start playback.
- Tune in the stations automatically. Rotate and hold the control to tune in the specific station.

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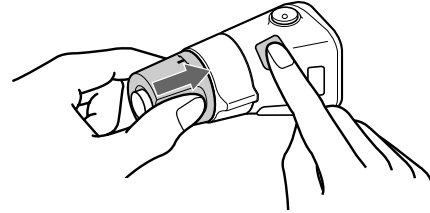
RDS/Other Functions

### By rotating the control while pushing (the PRESET/DISC control)



#### Rotate the control while pushing it to:

- Receive the stations memorised on the preset buttons.
- Change the disc.



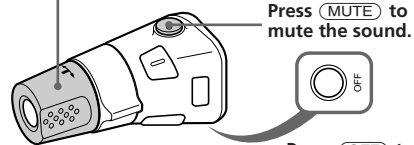
Press **(SEL)** two seconds while pushing the VOL control.

#### Tip

You can control the operative direction of controls with the unit.

### Other operations

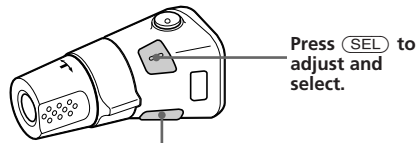
Rotate the VOL control to adjust the volume.



Press **(MUTE)** to mute the sound.



Press **(OFF)** to turn off the unit.

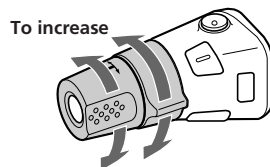


Press **(SEL)** to adjust and select.

Press **(DSPL)** to change the displayed items.

### Changing the operative direction

The operative direction of controls is factory preset as in the illustration below.



To increase

To decrease

If you need to mount the rotary remote on the right of the steering column, you can reverse the operative direction of the controls.

## Adjusting the sound characteristics

### 1 Select the item you want to adjust by pressing **(SEL)** repeatedly.

VOL (volume) → BAS (bass) → TRE (treble) → BAL (balance) → FAD (fader)

### 2 Adjust the selected item by pressing either **(+)** or **(-)**.

Adjust within three seconds after selecting. (After three seconds the button will again serve as volume control button.)

## Muting the sound

Press **(MUTE)**.

The "MUTE" indication flashes.

To restore the previous volume level, press again.

## Changing the sound settings

### Enjoying bass and treble even at Low Volume — Loudness

Bass and treble will be reinforced.

Press **(LOUD)**.

"LOUD" will appear on the display.

To cancel, press again.

EN

## With the Optional Equipment CD Changer

You can control two CD changers.

### Playing a CD

Press **(CD)** and select the changer.  
CD playback starts.

When a CD changer is connected, all the tracks play from the beginning.

Each time you press **(DSPL)** momentarily during CD playback, the displayed item changes as follows:

Elapsed playback time ↔ Clock

#### Locating a specific track — Automatic Music Sensor (AMS)

During playback, press either side of **(SEEK/AMS)** the number of times you wish to skip the tracks.



To locate the previous tracks

To locate the succeeding tracks

#### Locating a specific point in a track — Manual Search

During playback, press and hold either side of **(SEEK/AMS)**. Release the button when you have found the desired part.



To reverse

To forward

#### Switching to other discs

During playback, press either side of **(PRESET/DISC)**.



To return to the previous disc

To advance to the next disc

### Scanning the tracks

#### — Intro scan

The first 10 seconds of all the tracks on the currently selected disc are played in order. After the first disc is over, the next disc is played.

Press **(1)** during playback.  
“INTRO” appears on the display.

When you find the desired track, press again. The unit returns to the normal CD playback mode.

### Playing tracks repeatedly

#### — Repeat play

##### To repeat a track

Press **(2)** repeatedly during CD playback until “REP 1” is displayed.

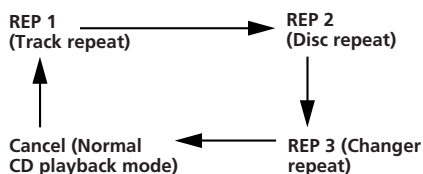
##### To repeat a disc

Press **(2)** repeatedly during CD playback until “REP 2” is displayed.

##### To repeat all the discs in the current changers

Press **(2)** repeatedly during CD playback until “REP 3” is displayed.

Each time you press **(2)** the display changes as follows:



EN

Other Functions/CD Changer

## Playing tracks in random order — Shuffle play

### To play the tracks on the current disc in a random order

Press ③ repeatedly during CD playback until "SHUF 1" is displayed.

### To play the tracks in the current changer in a random order

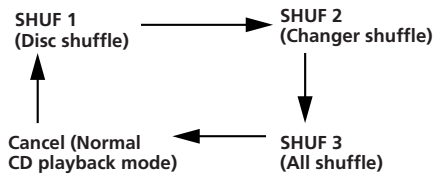
Press ③ repeatedly during CD playback until "SHUF 2" is displayed.

### To play all the tracks in a random order

Press ③ repeatedly during CD playback until "SHUF 3" is displayed.

EN

Each time you press ③ the display changes as follows:



If you press ① during shuffle play, the first 10 seconds of all tracks will be played in random order.

## Additional Information

### Precautions

- If your car was parked in direct sunlight resulting in a considerable rise in temperature inside the car, allow the unit to cool off before switching on.
- If no power is being supplied to the unit, check the connections first. If everything is in order, check the fuse.
- If no sound comes from the speakers of 2-speaker systems, set the fader control to the centre position.

If you have any questions or problems concerning your unit that are not covered in this manual, please consult your nearest VAG dealer.

### Notes on Cassettes

#### Cassette care

- Do not touch the tape surface of a cassette, as any dirt or dust will contaminate the heads.
- Keep cassettes away from equipment with built-in magnets such as speakers and amplifiers, as erasure or distortion on the recorded tape could occur.
- Do not expose cassettes to direct sunlight, extremely cold temperatures or moisture.
- When the tape is played back for a long period, the cassette shell may become warm because of the built-in power amplifier. However, this is not a sign of a malfunction.

#### Cassettes longer than 90 minutes

The use of cassettes longer than 90 minutes is not recommended except for long continuous play. The tapes used for these cassettes are very thin and tend to be stretched easily. Frequent playing and stopping of these tapes may cause them to be pulled into the cassette deck mechanism.

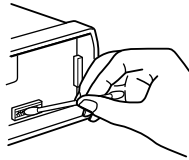
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## Maintenance

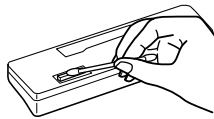
Depending on the car, the front panel will be fixed to the unit, and you cannot detach the front panel.

### Cleaning the Connectors

The unit may not function properly if the connectors between the unit and the front panel are not clean. In order to prevent this, open the front panel by pressing **(RELEASE)**, then detach it and clean with a cotton swab dipped in alcohol. Do not apply too much force. Otherwise, the connector may get damaged.



Main unit

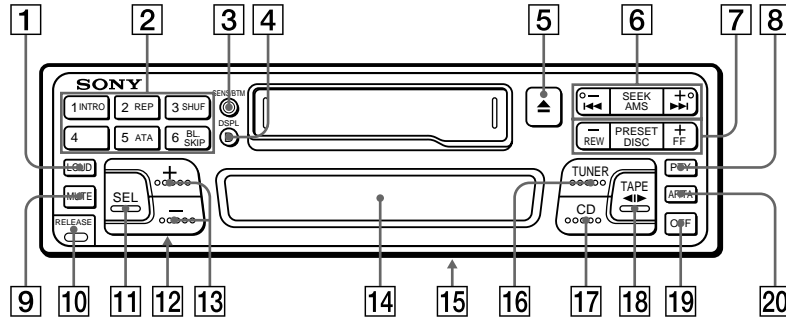


Back of the front panel

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CD Changer/Additional Information

## Location of controls



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Refer to the pages for further details.

- 1 LOUD (loudness) button 12
- 2 During radio reception:  
Preset number buttons 7  
During tape/CD playback:  
  - 1 INTRO button 6, 13
  - 2 REPEAT button 6, 13
  - 3 SHUF button 14
  - 5 ATA (Automatic Tuner Activation) button 6
  - 6 BL.SKIP button 6
- 3 SENS/BTM (sensitivity adjust/best tuning memory function) button 7, 10
- 4 DSPL (display mode change/time set) button 5, 6, 7, 8, 13
- 5 ▲ (eject) button 5
- 6 SEEK/AMS button 6, 7, 11, 13
- 7 PRESET/DISC button 5, 6, 13
- 8 PTY (programme type) button 10
- 9 MUTE button 12
- 10 RELEASE (front panel release) button 4, 15
- 11 SEL (control mode select) button 5, 9, 11, 12
- 12 Reset button (located on the front side of the unit hidden by the front panel)  
Press this button when you use this unit for the first time, when you have changed the car battery, or when the buttons of this unit do not function properly.
- 13 + - (volume/bass/treble/balance/fader control) buttons 5, 12
- 14 Display window
- 15 Caution alarm switch (located on the bottom of the unit)
- 16 TUNER (radio on/band select) button 7
- 17 CD (disc play/CD changer select) button 13
- 18 TAPE/◀▶ (playback/transport direction change) button 5
- 19 OFF button 4, 5
- 20 AF/TA (alternative frequency/traffic announcement) button 8, 9, 10

Depending on the car, you cannot use RELEASE 10 and Reset 12 buttons.



## Specifications

### Cassette player section

Tape track	4-track 2-channel stereo
Wow and flutter	0.08 % (WRMS)
Frequency response	30 – 18,000 Hz
Signal-to-noise ratio	58 dB

### Tuner section

#### FM

Tuning range	87.5 – 108.0 MHz
Aerial terminal	External aerial connector
Intermediate frequency	10.7 MHz
Usable sensitivity	8 dBf
Selectivity	75 dB at 400 kHz
Signal-to-noise ratio	65 dB (stereo), 68 dB (mono)
Harmonic distortion at 1 kHz	0.5 % (stereo), 0.3 % (mono)
Separation	35 dB at 1 kHz
Frequency response	30 – 15,000 Hz
Capture ratio	2 dB

#### MW/LW

Tuning range	MW: 531 – 1,602 kHz LW: 153 – 281 kHz
Aerial terminal	External aerial connector
Intermediate frequency	10.71 MHz/450 kHz
Sensitivity	MW: 30 µV LW: 50 µV

### Power amplifier section

Outputs	Speaker outputs (sure seal connectors)
Speaker impedance	4 – 8 ohms
Maximum power output	20 W × 4 (at 4 ohms)

### General

Tone controls	Bass ±8 dB at 100 Hz Treble ±8 dB at 10 kHz
Power requirements	12 V DC car battery (negative ground)
Dimensions	Approx. 188 × 58 × 177 mm (w/h/d)
Mounting dimension	Approx. 182 × 53 × 155 mm (w/h/d)
Mass	Approx. 1.2 kg
Supplied accessories	Front panel case (1) Rotary remote (1) Interface box (1) Bus cable 5.5 m (1) RCA pin cord 5.5 m (1)
Optional accessories	Bus cable (supplied with an RCA pin cord) RC-61 (1 m), RC-62 (2 m)
Optional equipment	Source selector XA-C30 CD changer CDX-51, CDX-45, CDX-65

*Design and specifications are subject to change without notice.*

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Additional Information

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## Troubleshooting guide

The following check will assist in the correction of most problems which you may encounter with your unit.

Before going through the check list below, refer to the operating procedures.

### General

Problem	Cause/Solution
No sound	<ul style="list-style-type: none"><li>• Adjust the volume with (+).</li><li>• Set the fader control to the centre position on the 2-speaker system.</li></ul>
Indications do not appear on the display window.	Remove the front panel and clean the connectors. See "Cleaning the Connectors" of "Maintenance" for details. If the front panel is fixed to the unit, consult your nearest VAG dealer.

### Tape playback

Problem	Cause/Solution
Playback sound is distorted.	Contamination of the tape head. → Clean the head.
The AMS does not operate correctly.	<ul style="list-style-type: none"><li>• There is a noise in the space between tracks.</li><li>• A blank space is too short (less than four seconds).</li><li>• ►► on (SEEK/AMS) is pressed immediately before the following track.</li><li>• ◄◄ on (SEEK/AMS) is pressed immediately after the track starts.</li><li>• A long pause, or a passage of low frequencies or very low sound level is treated as a blank space.</li></ul>

### Radio reception

Problem	Cause/Solution
Preset tuning is not possible.	<ul style="list-style-type: none"><li>• Memorise the correct frequency.</li><li>• The broadcast is too weak.</li></ul>
Automatic tuning is not possible.	The broadcast is too weak. → Use the manual tuning.
The "ST" indication flashes.	<ul style="list-style-type: none"><li>• Tune in precisely.</li><li>• The broadcast is too weak. → Press (SENS/BTM) to enter the MONO mode.</li></ul>

### RDS functions

Problem	Cause/Solution
A SEEK starts after a few seconds of listening.	The station is non-TP or weaken signal. → Press (AF/TA) until "AF TA" disappears.
No traffic announcements	<ul style="list-style-type: none"><li>• Activate "TA".</li><li>• The station does not broadcast any traffic announcements despite being TP. → Tune in another station.</li></ul>
PTY displays "NONE".	The station does not specify the programme type.

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## Disc play

Problem	Cause/Solution
Playback sound skips.	A dusty or defective disc.

## Error displays (with the optional CD changer(s) connected)

The following indications will flash for about five seconds.

Display	Cause	Solution
NO MAG	A disc magazine is not inserted in the CD changer.	Insert a disc magazine with discs into the CD changer.
NO DISC	No disc is inserted in the disc magazine.	Take out the magazine and insert the discs.
ERROR	The disc is dirty.	Clean the disc.
	The disc is inserted upside down.	Insert the disc correctly.
RESET	The CD changer cannot be operated because of some problem.	Press the reset button on the unit. If the front panel is fixed to the unit, consult your nearest VAG dealer.
HI TEMP	The ambient temperature is more than 50°C.	Wait until the temperature goes down below 50°C.

If the above-mentioned solutions do not help to improve the situation, consult your nearest VAG dealer.

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Additional Information

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