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You can read the recommendations in the user guide, the technical guide or the installation guide for KENWOOD KRC-191. You'll find the answers to all your questions on the KENWOOD KRC-191 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

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# KENWOOD

**KRC-291**  
**KRC-26**  
**KRC-191**  
**KRC-16**

CASSETTE RECEIVER  
**INSTRUCTION MANUAL**

KENWOOD CORPORATION



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**Manual abstract:**

@@@. Make sure not to get your fingers caught between the faceplate and the unit. Be careful not to drop the unit or subject it to strong shock. The unit may break or crack because it contains glass parts. Do not touch the liquid crystal fluid if the LCD is damaged or broken due to shock. The liquid crystal fluid may be dangerous to your health or even fatal. Do not open the top or bottom covers of the unit. To prevent deterioration, do not touch the terminals of the unit or faceplate with your fingers. Do not subject the faceplate to excessive shock, as it is a piece of precision equipment. When replacing a fuse, only use a new one with the prescribed rating. Using a fuse with the wrong rating may cause your unit to malfunction.

To prevent short circuits when replacing a fuse, first disconnect the wiring harness. Do not place any object between the faceplate and the unit. During installation, do not use any screws except for the ones provided. The use of improper screws might result in damage to the main unit. **IMPORTANT INFORMATION** About the disc changer to be connected: To connect a disc changer having the "O-N" switch to this unit, set the "O-N" switch to "N". To connect a disc changer having no "O-N" switch to this unit, the converter cord CADS100 and/or switching adapter KCA-S210A are required as options. A disc changer doesn't work when it is connected without using these options. If a model with no "O-N" switch is connected, some unavailable functions and information that cannot be displayed are generated. Note that none of the KDC-C100, KDC-C302, C205, C705, and non-Kenwood CD changers can be connected. You can damage both your unit and the CD changer if you connect them incorrectly.

--3-- Safety precautions English NOTE If you experience problems during installation, consult your Kenwood dealer. If the unit does not seem to be working right, try pressing the reset button first. If that does not solve the problem, consult your Kenwood dealer. Press the reset button if the Disc auto changer fails to operate correctly. Normal operation should be restored. About RDS Cleaning the Faceplate Terminals If the terminals on the unit or faceplate get dirty, wipe them with a dry, soft cloth. RDS (Radio Data System) When listening to an RDS station, the programme service name of the station is displayed, advising you quickly which station is being received. RDS (Radio Data System) stations also transmit frequency data for the same station. When you are making long trips, this function automatically switches to the particular frequency with the best reception for the particular network of stations that you want to listen to. The data is automatically stored, allowing you to switch quickly to another RDS stations, broadcasting the same programme, that has better reception.

These include stations stored in the station preset memory that you often listen to. Cleaning the Unit If the faceplate of this unit is stained, wipe it with a dry soft cloth such as a silicon cloth. If the faceplate is stained badly, wipe the stain off with a cloth moistened with neutral cleaner, then wipe neutral detergent off. Applying spray cleaner directly to the unit may affect its mechanical parts. Wiping the faceplate with a hard cloth or using a volatile liquid such as thinner or alcohol may scratch the surface or erase characters. Enhanced Other Network Reset button Characters in the LCD may become difficult to read in temperatures below 41 °F (5 °C). The illustrations of the display and the panel appearing in this manual are examples used to explain more clearly how the controls are used. Therefore, what appears on the display in the illustrations may differ from what appears on the display on the actual equipment, and some of the illustrations on the display may represent something impossible in actual operation. About Cassette tape Cleaning the tape head When there's noise or the sound quality is bad during tape play the tape head maybe dirty, clean the tape head. About Cassette tape If the tape is slack tighten it. If the cassette tape label is peeling off glue it on again. Don't use deformed cassette tape. Don't place cassette tape on the dashboard etc. where the temperature is high. Don't use cassette tape that's 100 minutes long or longer.

Stations that offer <Enhanced Other Network> also transmit information about other RDS stations that have traffic information. When you are tuned to a station that is not transmitting traffic information, but another RDS station starts transmitting a traffic bulletin, the tuner automatically switches to the other station for the duration of the bulletin. Alarm When an emergency transmission (announcing disasters, etc.) is sent, all current functions are interrupted to allow the warning to be received. --4-- General features Power Release button u SRC/PWR OFF CLK 4 FM   Turning ON the Power Press the [SRC] button. Turning OFF the Power Press the [PWR OFF] button for at least 1 second. Volume d ATT/LOUD #1 - 5 AUD AM Increasing Volume Press the [u] button. Decreasing Volume Press the [d] button. Attenuator ATT indicator Turning the volume down quickly. Press the [ATT] button. Each time the button is pressed the Attenuator turns ON or OFF. When it's ON, the "ATT" indicator blinks. LOUD indicator --5-- General features English Selecting the Source Press the [SRC] button. Source required Tuner Tape External disc (KRC-291/26 only) Standby (Illumination only mode) Display "TUNER" "TAPE" "DISC" "ALL OFF" 2 3 Enter Control mode Press the [AUD] button. Select the Audio item for adjustment Press the [FM] or [AM] button.

Select the "DB" display. Select the Sound type Press the [#1] -- [#5] button. Press button Sound setting [#1] Flat [#2] Rock [#3] Pops [#4] Jazz [#5] Easy 4 This unit automatically turns full power OFF after 20 minutes lapses in Standby mode in order to save the vehicles battery. The time until full power OFF can be set in <Power OFF Timer> (page 18). Display "DB FLAT" "DB ROCK" "DB POPS" "DB JAZZ" "DB EASY" Loudness Compensating for low and high tones during low volume. Press the [LOUD] button for at least 1 second. Each time the button is pressed for at least 1 second the Loudness turns ON or OFF. When it's ON, "LOUD" indicator is ON. When the dB(Sound Coordinate) setting is changed, the Bass and Treble set in audio control replace the dB(Sound Coordinate) values. 5 Exit Control mode Press the [AUD] button.

Audio Control dB (Sound Coordinate) You can recall the best sound setting preset for different types of the music.



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*1 The use of any accessories except for those provided might result in damage to the unit. Make sure only to use the accessories shipped with the unit, as shown above. Installation Procedure 1. To prevent short circuits, remove the key from the ignition and disconnect the - terminal of the battery. 2. Make the proper input and output wire connections for each unit. 3. Connect the wire on the wiring harness. 4. Take Connector B on the wiring harness and connect it to the speaker connector in your vehicle.  
5. Take Connector A on the wiring harness and connect it to the external power connector on your vehicle.*



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6. Connect the wiring harness connector to the unit. 7. Install the unit in your car. 8. Reconnect the - terminal of the battery. 9. Press the reset button.

· If your car is not prepared for this special connection-system, consult your Kenwood dealer. · Only use antenna conversion adapters (ISO-JASO) when the antenna cord has an ISO plug. · Make sure that all wire connections are securely made by inserting jacks until they lock completely. · If your vehicle's ignition does not have an ACC position, or if the ignition wire is connected to a power source with constant voltage such as a battery wire, the power will not be linked with the ignition (i.e., it will not turn on and off along with the ignition). If you want to link the unit's power with the ignition, connect the ignition wire to a power source that can be turned on and off with the ignition key. · If the fuse blows, first make sure that the wires have not caused a short circuit, then replace the old fuse with one with the same rating. @@@@ on the car are working properly. @@@@ The default connection for the wiring harness is described in 1 below.

If the ISO connector pins are set as described in 2 or 3, make the connection as illustrated. Installation Firewall or metal support Screw (M4X8) (commercially available) 1 (Default setting) The A-7 pin (red) of the vehicle's ISO connector is linked with the ignition, and the A-4 pin (yellow) is connected to the constant power supply. Unit Ignition cable (Red) Battery cable (Yellow) Vehicle A7 Pin (Red) A4 Pin (Yellow) Self-tapping screw (commercially available) Metal mounting strap (commercially available) Bend the tabs of the mounting sleeve with a screwdriver or similar utensil and attach it in place. 2 The A-7 pin (red) of the vehicle's ISO connector is connected to the constant power supply, and the A-4 pin (yellow) is linked to the ignition. Unit Ignition cable (Red) Battery cable (Yellow) Vehicle A7 Pin (Red) A4 Pin (Yellow) Make sure that the unit is installed securely in place.

If the unit is unstable, it may malfunction (eg, the sound may skip). 3 The A-4 pin (yellow) of the vehicle's ISO connector is not connected to anything, while the A-7 pin (red) is connected to the constant power supply (or both the A-7 (red) and A-4 (yellow) pins are connected to the constant power supply). Unit Ignition cable (Red) Battery cable (Yellow) Vehicle A7 Pin (Red) A4 Pin (Yellow) When the connection is made as in 3 above, the unit's power will not be linked to the ignition key. For that reason, always make sure to turn off the unit's power when the ignition is turned off. To link the unit's power to the ignition, connect the ignition cable (ACC).

..red) to a power source that can be turned on and off with the ignition key. -- 23 -- Installation English Removing the hard rubber frame Removing the Unit 1 Engage the catch pins on the removal tool and remove the two locks on the lower level. Lower the frame and pull it forward as shown in the figure. 1 2 3 Refer to the section "Removing the hard rubber frame" and then remove the hard rubber frame. Remove the screw (M4x8) on the back panel. Insert the two removal tools deeply into the slots on each side, as shown. Lock Catch Screw (M4X8) (commercially available) Accessory2 Removal tool Accessory2 Removal tool 2 When the lower level is removed, remove the upper two locations. 4 Lower the removal tool toward the bottom, and pull out the unit halfway while pressing towards the inside.

Be careful to avoid injury from the catch pins on the removal tool. 5 The frame can be removed from the top side in the same manner. Pull the unit all the way out with your hands, being careful not to drop it. -- 24 -- Troubleshooting Guide What might seem to be a malfunction in your unit may just be the result of slight misoperation or miswiring. Before calling service, first check the following table for possible problems. General The ignition and battery wire are incorrectly connected.11 The power does not turn ON.01 The fuse has blown. After checking for short circuits in the wires, replace the fuse with one with the same rating. No ACC position on vehicle ignition.

02 Connect the same cable to the ignition as the battery cable. The TEL mute function does not work.15 The TEL mute wire is not connected properly. Connect the wire correctly, referring to the section on <Connecting Wires to Terminals>. The TEL mute function turns ON even though the TEL mute wire is not connected.

16 The TEL mute wire is touching a metal part of the car. Pull the TEL mute wire away from the metal part of the car. Even if Loudness is turned ON, high-pitched tone isn't compensated for. 17 Tuner source is selected. High-pitched tone isn't compensated for when in Tuner source.

No sound can be heard, or the volume is low. The fader or balance settings are set all the way to one side.21 Center the fader and balance settings. The input/output wires or wiring harness are connected incorrectly.22 Reconnect the input/output wires or the wiring harness correctly. See the section on "Connecting Wires to Terminals". The cassette tape is bad.23 Try playing another cassette tape. If works fine, the first tape was bad. ? ? ? If you have selected Standby mode, the power will go OFF automatically.

03 The Power OFF Timer function has been activated. If you do not want the power to go OFF automatically, cancel the Power OFF Timer function. Nothing happens when the buttons are pressed.04 The computer chip in the unit is not functioning normally. Press the reset button on the unit (page 4). There's a source you can't switch.05 There's no tape inserted. Set the media you want to listen to. If there's no media in this unit, you can't switch to each source. There's a source you can't switch.

07 The Disc changer isn't connected.08 Connect the Disc changer. If the Disc changer isn't connected to its input terminal, You can't switch to an external disc source. @@@@ ? ? ? The sound quality is poor or distorted.25 One of the speaker wires is being pinched by a screw in the car. Check the speaker wiring. The tape head is dirty.26 Clean the tape head. The speakers are not wired correctly.27 Reconnect the speaker wires so that each output terminal is connected to a different speaker.

? ? ? The Touch Sensor Tone doesn't sound.34 The preout jack is being used. The Touch Sensor Tone can't be output from the preout jack. -- 25 -- Troubleshooting Guide English ? Even though Synchronize Clock is ON, the clock can't be adjusted.35 The received RDS station isn't sending time data. Receive another RDS station. The setting is not canceled. The settings for these functions remain on until the setting to off or the disc ejected, even if the power is turned off or the source changed.



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Tuner source ? ? Radio reception is poor.39 The car antenna is not extended.

Pull the antenna out all the way. @@ Conduct finalization processing with CD recorder. @@@@43 The set sound volume is less than the tuner sound volume. @@· Even though no device (KCA-S210A, CA-C1AX, KDC-CPS87, KDC-CX87, KDC-CPS85, KDC-CX85, KDC-CPS82 or KDC-CX82) is connected, the Auxiliary input is entered when switching modes. "AUX" is displayed without achieving External disc control mode.50 O-N switch is set to "O" side. Set the switch to "N" side. Unsupported disc changer is connected.51 Connect the supported disc changer. (page 3) ? The specified disc does not play, but another one plays instead.

52 The specified CD is quite dirty. Clean the CD. The CD is upside-down.53 Load the CD with the labeled side up. The disc is loaded in a different slot from that specified.

54 Eject the disc magazine and check the number for the specified disc. The disc is severely scratched.55 Try another disc instead. ? ? The specified track will not play.58 Random play or magazine random play has been selected.

Turn off random play or magazine random play. Track repeat, disc repeat, track scan, random play, and magazine random play start by themselves.59 -- 26 -- Troubleshooting Guide The messages shown below display your systems condition. EJECT: No disc magazine has been loaded in the changer. The disc magazine is not completely loaded.E01 Load the disc magazine properly. No disc has been loaded in the disc magazine.E02 Load a disc into the disc magazine. HOLD: NO DISC: E-04: The protective circuit in the unit activates when the temperature inside the automatic disc changer exceeds 60°C (140°F), stopping all operation.E0d Cool down the unit by opening the windows or turning on the air conditioner.

As the temperature falls below 60°C (140°F), the disc will start playing again. Attempted to display DNPS during the CD play having no disc names preset.E51 Attempted to display the disc title or track title while the MD having no MD title is being played.E53 Attempted to display the disc text or track text while the CD having no CD text is being played.E54 Discs are being exchanged in the Disc changer.E57 The tape player section is not operating properly.E60 Reinsert the Tape. If the tape cannot be ejected or the display continues to flash even when the tape has been properly reinserted, please switch off the power and consult your nearest service center. NO NAME: NO TITLE: NO TEXT: LOAD: 2 3 (Blink): No disc has been loaded in the disc magazine.E04 Load a disc into the disc magazine.

The CD is quite dirty. The CD is upside-down. The CD is scratched a lot. Clean the CD and load it correctly. Nothing has been recorded on the MD. E10 No tracks are recorded on the MD, although it has a title.E11 The faceplate of the slave unit being connected to this unit has been removed.E30 Replace it. The unit is malfunctioning for some reason.E77 Press the reset button on the unit.

If the "E- 77" BLANK: NO TRACK: NO PANEL: E-77: code does not disappear, consult your nearest service center. E-99: The unit is malfunctioning for some reason.E99A Press the reset button on the unit. If the "E-99" code does not disappear, consult your nearest service center. -- 27 -- Specifications English Specifications subject to change without notice. FM tuner section Frequency range (50 kHz Space) .....

.....87.

5 MHz 108.0 MHz Usable sensitivity (S/N = 26dB) ....

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7 μV/75 Quieting Sensitivity (S/N = 46dB) .....

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1.6 μV/75 Frequency response (±3.0 dB) ...

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...30 Hz 15 kHz Signal to Noise ratio (MONO) ...

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...65 dB Selectivity (DIN) (±400 kHz).....

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... 80 dB Stereo separation (1 kHz) ..

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*14.4 V Current consumption.....*

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*..10 A Installation Size (W x H x D) .....*

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*...182 x 53 x 158 mm Weight ..*

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*.....1.3 kg LW tuner section Frequency range .*

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*....153 kHz 281 kHz Usable sensitivity (S/N = 20dB) .....*

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*.....45 μV Cassette player section Tape Speed...*

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*4.76 cm/sec. Wow & Flutter (WRMS) ...*

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*....0.12 % Frequency response (±3.0 dB) (120 μs)...*

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...30 Hz, 14 kHz Separation (1 kHz) .....

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.....40 dB Signal to Noise ratio ....

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.....52dB -- 28 -- .



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