

KENWOOD

KTC-V500N

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MANUAL DE INSTRUCCIONES

KENWOOD CORPORATION

**Take the time to read through this instruction manual.
Familiarity with installation and operation procedures will help
you obtain the best performance from your new TV tuner.**

For your records

Record the serial number, found on the back of the unit, in the spaces designated on the warranty card, and in the space provided below.

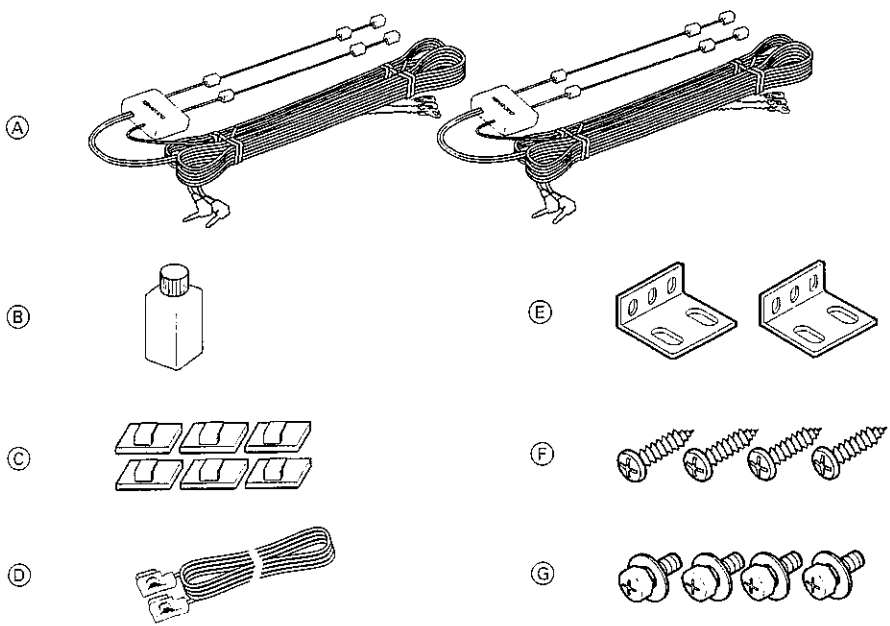
Refer to the model and serial numbers whenever you call upon your KENWOOD dealer for information or service on the product.

Model KTC-V500N Serial number _____

Installation

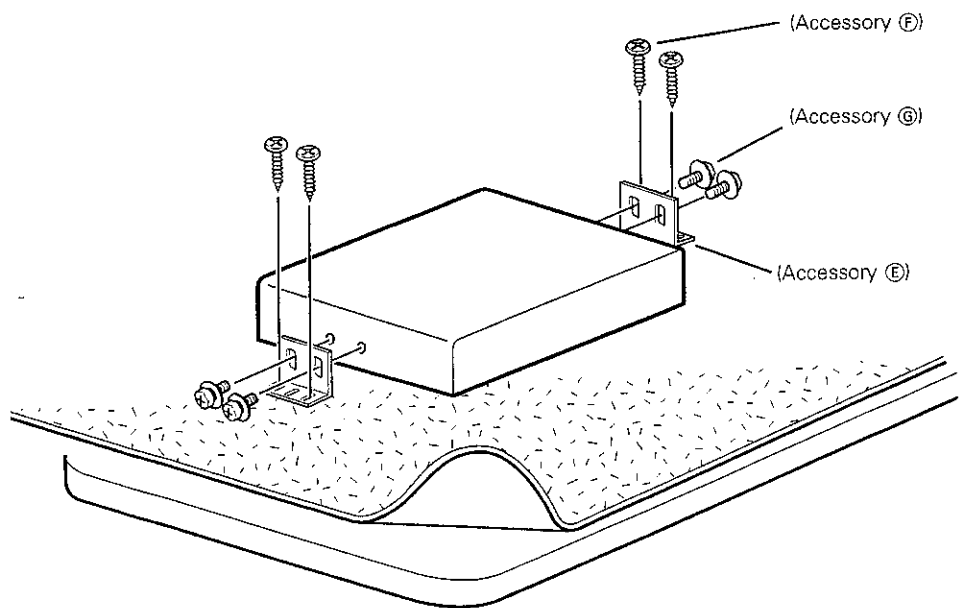
Accessories

⚠ 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 the TV Tuner Unit

■ Securing to audio board



Installing the Antenna Units



Incar antennas have a lower reception sensitivity than antennas intended for outside mounting. The picture may not appear or may be disturbed if the signal in your area is weak.



- Attach the antenna to the inner glass surface of the rear window using double-sided tape. Carefully check the installation location as the tape can only be stuck on once.
- If the surface temperature of the glass of the rear window is low, warm it by turning on the power of the rear defogger.

A cold window glass surface will weaken the adhesive strength of the double-sided tape.

Also, if installation inside the cabin is performed on a day with high humidity or when it is raining, the high humidity level will weaken the adhesive strength of the double-sided tape.

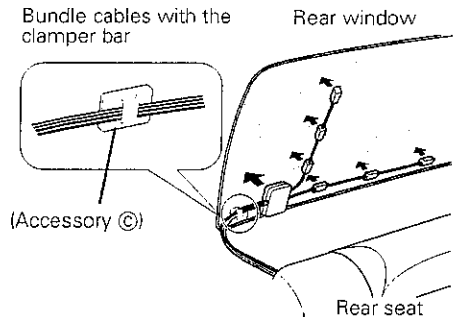
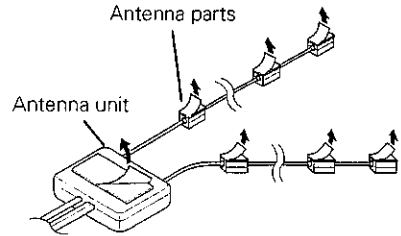
- Do not install the antenna in a location where it may obstruct the field of view during driving, such as on the windshield.

- 1 Check the location where the antenna is to be attached. Clean off any grease or dirt from the installation location using the supplied glass cleaner (Accessory ©), clean the area with water and allow to dry.



Clean the glass thoroughly as failure to clean the glass can not only weaken the adhesive strength of the double-sided tape, but may also cause it to come loose.

- 2 Remove the protective strips from the antenna parts and the back of the antenna unit.
- 3 Attach the double-sided tape of the antenna parts and the antenna unit to the rear windshield glass. Attach the double-sided tape by firmly pressing down from the top. Secure cables using the supplied clampers.
- 4 After attaching the antenna with the double-sided tape, allow it to sit undisturbed for 24 hours. Take care not to apply force to the antenna or allow it to get wet during this time.
- 5 Wire the antenna cable to TV tuner unit.



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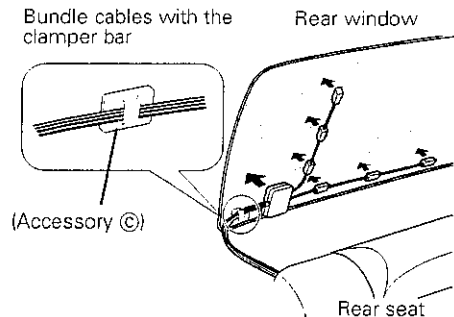
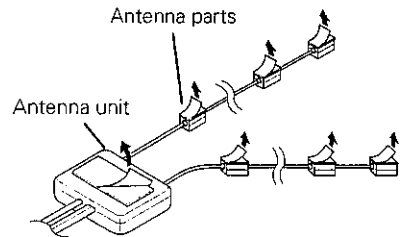
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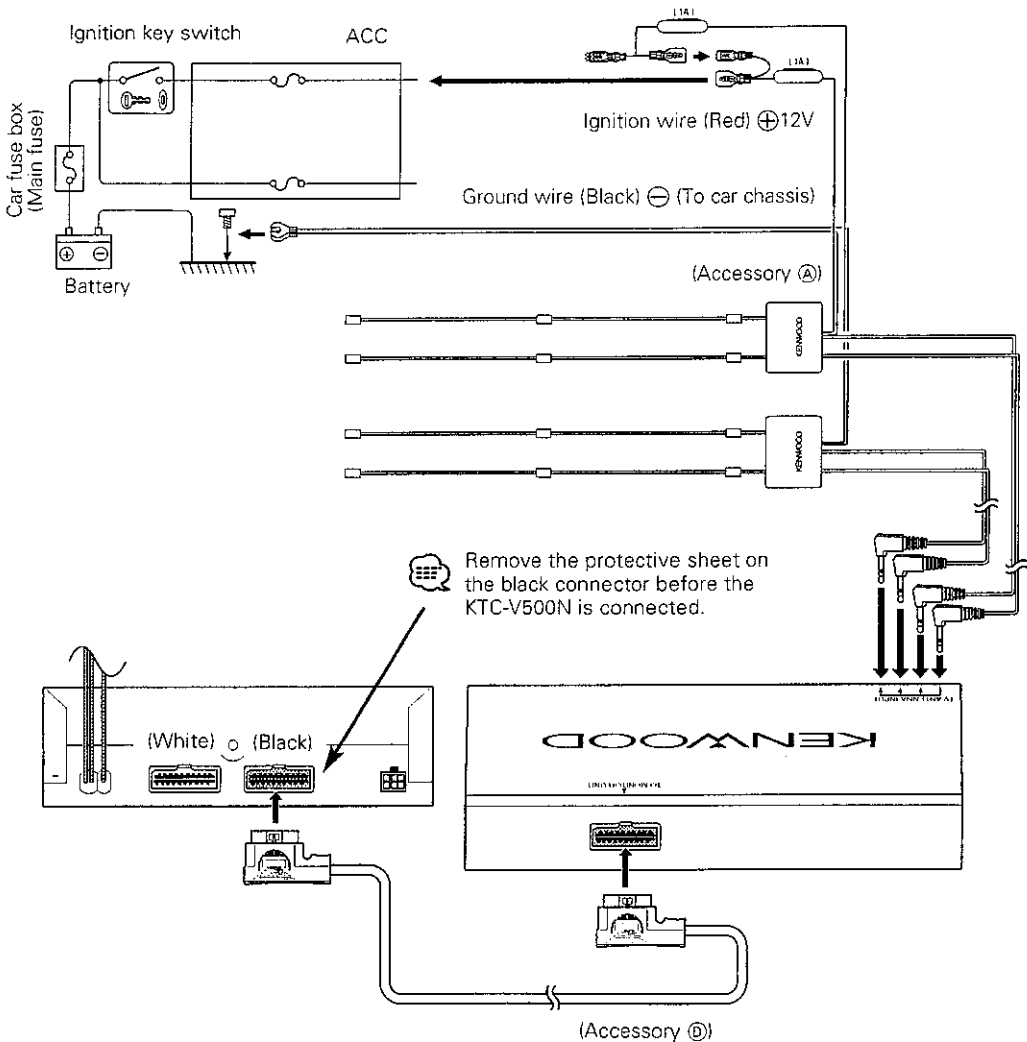


Installation

Connection



- Make sure to ground the unit to a negative 12V DC power supply.
- If your car's ignition does not come with an ACC position, connect the ignition wires to a power source that can be turned on and off with the ignition key. If you connect the ignition wire to a power source that receives a constant voltage supply, as with battery wires, the battery may die.
- 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.
- After the unit is installed, check whether the brake lamps, blinkers, wipers, etc. on the car are working properly.
- Thoroughly wipe away oil and other dirt from the installation surface. Please avoid installation on uneven surfaces.



Specifications

Specifications subject to change without notice.

TV Tuner Section

Color system	NTSC
Television system	M
Channel converge	2-13 ch(VHF)/14-69 ch(UHF)
Channel selection system	PLL frequency synthesizer system
Demodulation system	Split carrier system
Antenna input	4-ch diversity (75 Ω /3.5 \emptyset minijack)

General

Operating voltage	14.4 V DC (11 to 16 V)
Consumed current	260 mA
Operational temperature range	-10°C to +60°C
Storage temperature range	-30°C to +85°C
Size	192(W) x 30(H) x 147(D) mm 7-9/16(W) x 1-3/16(H) x 5-13/16(D) inch
Mass	730 g (1.6 LBS)

TV Antenna

Output impedance	75 Ω /3.5 \emptyset mini plug
Operating voltage	14.4 V DC (11 to 16 V)
Consumed current	200 mA
Cable length	5 m
Size	50(W) x 15(H) x 452(D) mm 1-15/16(W) x 9/16(H) x 17-13/16(D) inch
Mass	300 g (0.7 LBS) x 2

FCC WARNING

This equipment may generate or use radio frequency energy. Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in the instruction manual. The user could lose the authority to operate this equipment if an unauthorized change or modification is made.