

KENWOOD

KDS-P901

5.1ch DVD SURROUND PROCESSOR

INSTRUCTION MANUAL

PROCESSEUR SURROUND DVD à 5.1 canaux

MODE D'EMPLOI

5.1 Kan. DVD-SURROUND-PROZESSOR

BEDIENUNGSANLEITUNG

5.1 kan DVD-SURROUNDPROCESSOR

GEBRUIKSAANWIJZING

5.1 canale DVD SURROUND PROCESSOR

ISTRUZIONI PER L'USO

PROCESADOR SURROUND DVD de 5.1 canales

MANUAL DE INSTRUCCIONES

5.1 聲道 DVD 環繞音效處理器

使用說明書

5.1 声道 DVD 环绕音效处理器

使用说明书

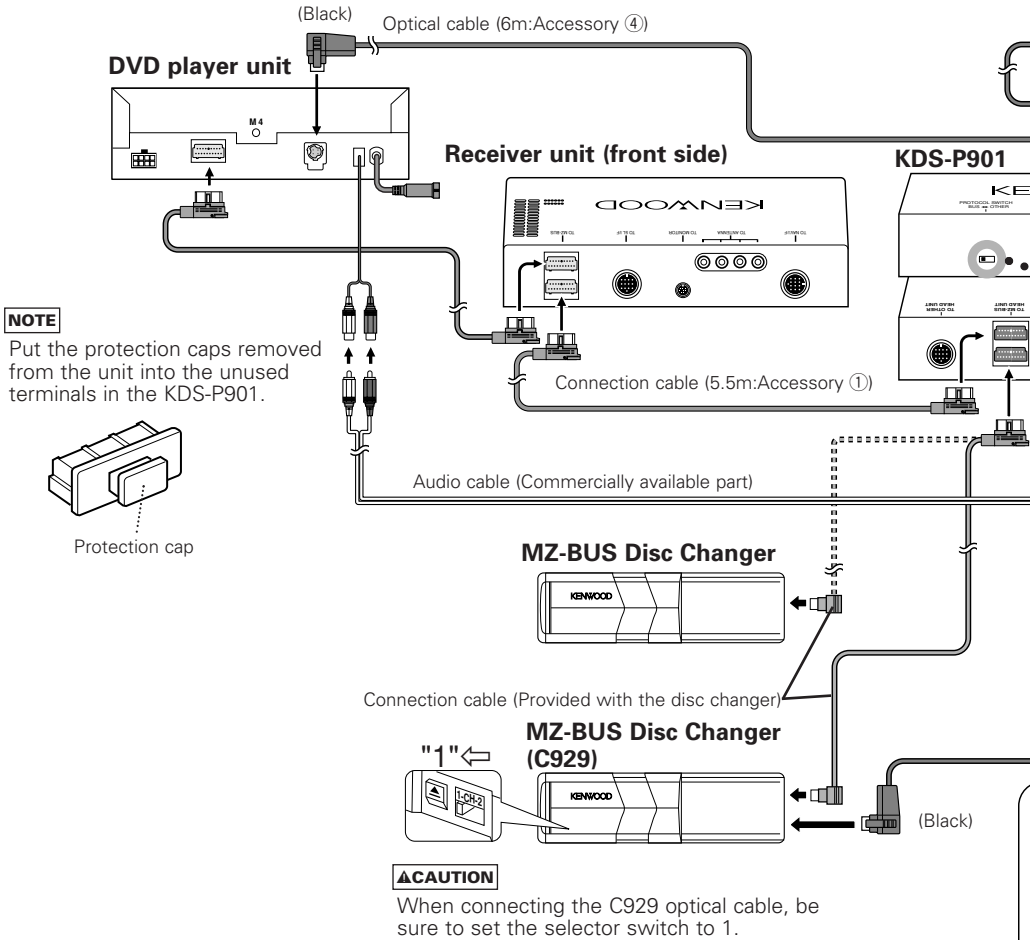
KENWOOD CORPORATION



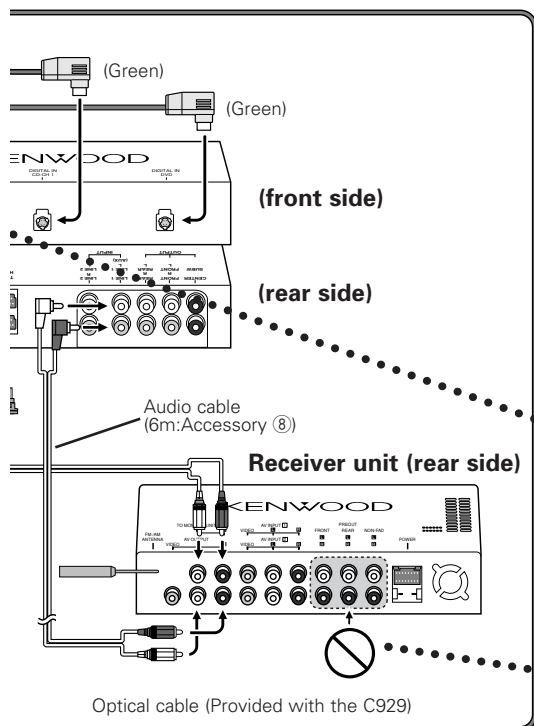
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Installation

Connecting Cables to Terminals (MZ-BUS connection)

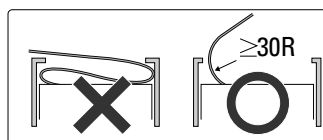


DVD player unit & Receiver unit:
KVT-910DVD/920DVD/930DVD/940DVD/960DVD



CAUTION

When handling an optical cable for wiring, use care not to exceed the minimum cable bend radius of 30 mm. If you exceed the minimum bend limit, optical fibers within the optical cable may be damaged. When installing the DVD player unit on the vehicle, ensure that the optical cable is not stuck between the DVD player unit and vehicle parts.



CAUTION

Set the PROTOCOL SWITCH to the "BUS" side. After the PROTOCOL SWITCH is switched, be sure to reset the control unit. Don't connect anything to the "TO OTHER HEAD UNIT" terminal.

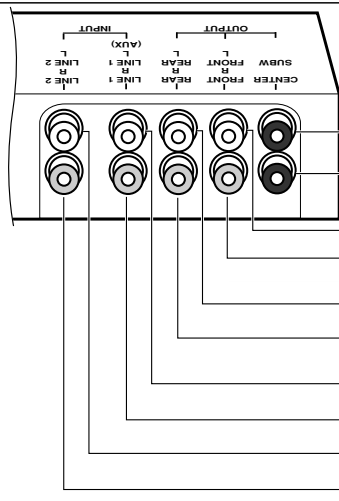
PROTOCOL SWITCH
BUS ↔ OTHER



NOTE

Leave the output terminals on the receiver unit open.

KDS-P901 (rear side)



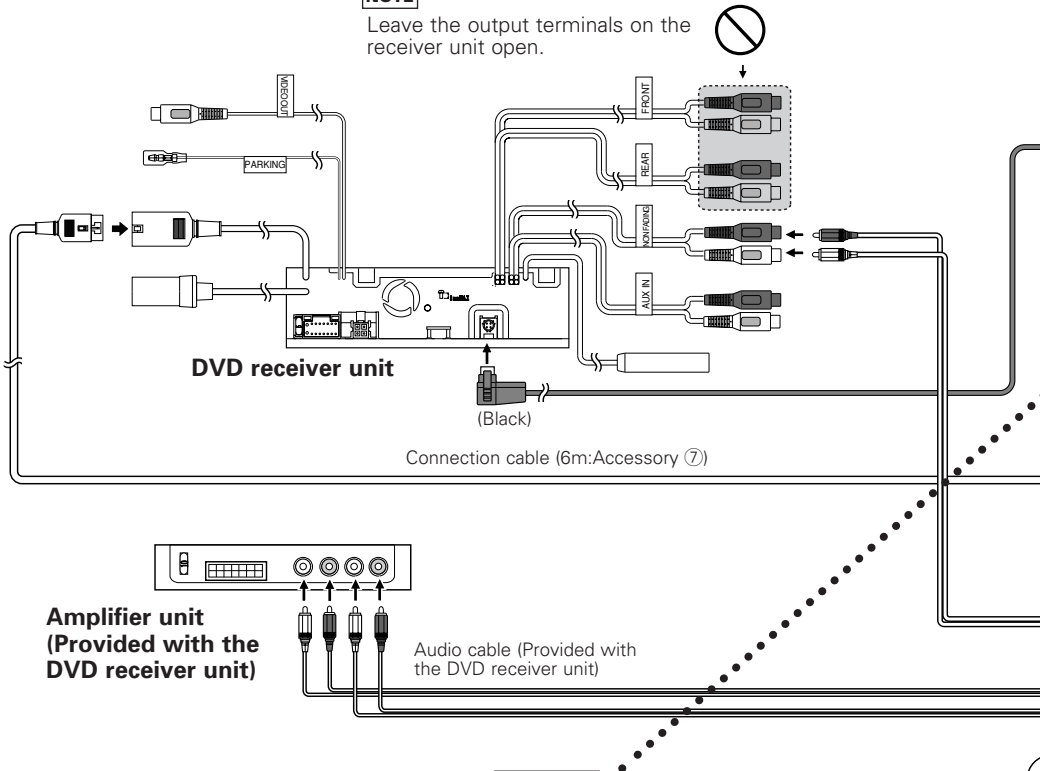
- Subwoofer preout
- Center Speaker preout
- Front left output (white)
- Front right output (red)
- Rear left output (white)
- Rear right output (red)
- Left input 1 (white)
- Right input 1 (red)
- Left input 2 (white)
- Right input 2 (red)

Installation

Connecting Cables to Terminals (Other connections)

NOTE

Leave the output terminals on the receiver unit open.



CAUTION

Set the PROTOCOL SWITCH to the "OTHER" side. After the PROTOCOL SWITCH is switched, be sure to reset the control unit. The BUS cable unit can't be connected.

PROTOCOL SWITCH
BUS ↔ OTHER



DVD Receiver unit:

Z910DVD, Z920DVD, KDV-Z930, KDV-Z940, KDV-Z960

Optical cable (6m:Accessory ④)

(Green)

KDS-P901

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(front side)

(rear side)

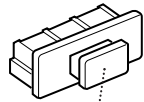
CAUTION

When handling an optical cable for wiring, use care not to exceed the minimum cable bend radius of 30 mm. If you exceed the minimum bend limit, optical fibers within the optical cable may be damaged. When installing the DVD receiver unit on the vehicle, ensure that the optical cable is not stuck between the DVD receiver unit and vehicle parts.



NOTE

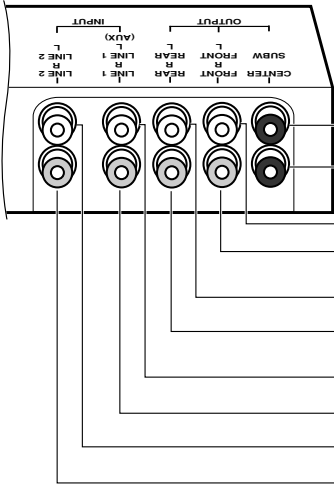
Do not remove the protection caps of the unused BUS terminals.



Protection cap

Audio cable (6m:Accessory ⑧)

KDS-P901 (rear side)



Subwoofer preout

Center Speaker preout

Front left output (white)

Front right output (red)

Rear left output (white)

Rear right output (red)

Left input 1 (white)

Right input 1 (red)

Left input 2 (white)

Right input 2 (red)

Installation

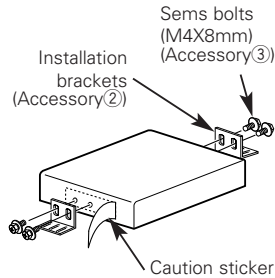
Installation

■ Securing to audio board

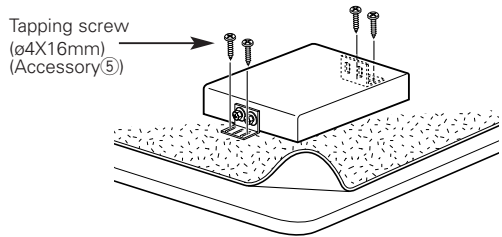
- 1 Remove the caution sticker and fasten the installation brackets on both sides of the KDS-P901 using the sems screws (M4 x 8 mm).

▲CAUTION

Use the supplied screws for installing the KDS-P901. Using any other screw may cause the equipment to improperly function.



- 2 Use the tapping screw (ø4X16mm) to secure the hideaway unit to the audio board.



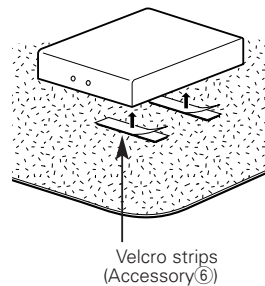
■ Securing to pile carpet

Peel the protective strips off of the velcro strips, attach them to the bottom of the hideaway unit, and secure to the pile carpet.

▲CAUTION

Please do not install the unit near the dashboard, the rear tray, or other important components. Doing so could lead to injury or accident should the unit come off due to a shock and strike a person or an important component.

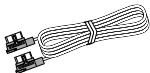


Tapping screws should be used for mounting. (Attachment with velcro strips, although easy, can come off with a shock.)



Accessories




External view

..... Number of items

①	1
②	2
③	4



External view

..... Number of items

④	1
⑤	4
⑥	2

External view

..... Number of items

⑦	1
⑧	1

CAUTION

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.

Specification

Specifications subject to change without notice.

DSP section

D/A Converter	24 Bit
A/D Converter	24 Bit
Decoder	Linear PCM / Dolby Pro Logic / Dolby digital / DTS
Equalizer	
4BAND Parametric equalizer	
BAND1 frequency :	60/80/100/120/160/200/250 Hz
BAND2 frequency :	315/400/500/630/800/1k Hz
BAND3 frequency :	1.25k/1.6k/2k/2.5k/3.15k/4k Hz
BAND4 frequency :	5k/6.3k/8k/10k/12.5k/16k Hz
Gain	±9 dB
Q control	0.25/0.5/1.0/2.0
Crossover	
Highpassfilter frequency :	30/60/90/120/150/180/250 Hz
Slope :	12/18/24 dB
Lowpassfilter frequency :	30/60/90/120/150/180/250 Hz
Slope :	12/18/24 dB
Time alignment	
(0.15m STEP)	0 – 3.0 m
(0.5ft STEP)	0 – 10.0 ft
(0.3m STEP)	3.0 – 6.0 m
(1.0ft STEP)	10.0 – 20.0 ft
Center (0.15m STEP)	0 – 1.5 m
Center (0.5ft STEP)	0 – 5.0 ft
Channel level	±10 dB

Audio section

Preout level (V)	4.5 V / 10 k Ω
Preout impedance (Ω)	≤ 600 Ω
External audio max input level	1 V / 22 k Ω
S/N Ratio (dB)	100 dB
Harmonic Distortion	
(20 kHz LPF, 1kHz)	0.01 %
Frequency Response	10 Hz – 24 kHz

General

Installation Size (W x H x D)	208 x 40 x 163 mm (8-3/16 x 1-9/16 x 6-7/16 in.)
Weight	2.0 lbs (0.9 kg)