

OPERATION MANUAL

PCR-70D/130D MULTI COMBINATION AMPLIFIER






MULTI COMBINATION AMPLIFIER

Unpacking and Installation

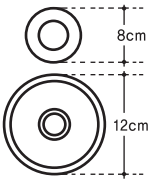

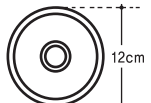

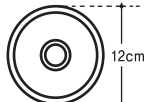

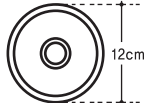
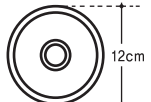
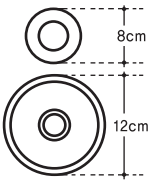

Although it is neither complicated to install nor difficult to operate your emergency panel, a few minutes of your time is required to read this manual for a properly wired installation and becoming familiar with its many features and how to use them.

Please take a great care in unpacking our set and do not discard the carton and other packing materials. That may be needed when moving your set and are required if it ever becomes necessary to return your set for service.

Never place the unit near radiators, in front of heating vents, excessive humid or dusty location to avoid early damage and for your years quality use. Connect your complementary component as illustrated in the following page.

 <p>CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN</p>	 <p>This symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.</p>
<p>CAUTION : TO REDUCE THE RISK OF ELECTRIC SHOCK. DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS IN SIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.</p>	 <p>This symbol is intended to alert the user to the presence of important operation and maintenance (servicing) instructions in the literature accompanying the appliance.</p>
<p>WARNING</p>	<p>Caution : To prevent electric shock do not use this (polarized) plug with an extension cord, receptacle or other outlet unless the blades can be fully inserted to prevent blade exposure.</p>
<p>To prevent fire or shock hazard, do not expose the unit to rain moisture.</p>	<p>Attentions : Pour prevenir les chocs electriques ne pas utiliser cette fuche polarisee avec un prolongateur, une prise de courant on une autre soruie de courant, sauf si les lames peuvent etre inserees a fond sans en laisser aucune partie a decouvert.</p>

Playback Disc Type

DISC	DIMENSION	LABEL
DVD		
SVCD CVD		
KODAK PICTURE CD		
MP3		MP3
HDCD		HDCD
video - CD(VCD)		
JPEG, MPEG, AVI DIVX, XVID		

Handling the Discs

1. Always place the disc in the disc tray with the label facing upward.
2. To remove a disc from its storage case, press down on the center of the case and lift the disc out, holding it carefully by the edges.
3. Finger marks and dust should be carefully wiped off the disc's recorded surface with a soft cloth.
4. Never use such chemicals as record sprays, antistatic sprays or fluid, benzine or thinner to clean discs. Such chemicals will do irreparable damage to the disc's plastic surface.
5. Do not expose discs to direct sunlight or high humidity and temperature for extended periods. Long exposure to high temperatures can warp the disc.

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Features

- 70W / 130W OUTPUT POWER

These models can deliver very high output power at less than 1% THD (PCR-70D : 70W) (PCR-130D : 130W)

- VERSATILE AND EASY TO USE

Incorporating all the necessary system components to provide versatility in an easy to use form : six channels of input signals (MIC 1~3, AUX, TUNER and CD), four tone chime, tone control and speaker impedance selector.

- CHANNEL PRIORITY AND MUTING

MIC 1 and the four tone chime have priority over the other input signals. The muting level is adjustable from the rear panel of the unit.

- TONE CONTROL

The two band tone control provides ± 12 dB of control over the treble and Bass range.

- CHIME WITH FOUR TONES

Melodious four tone chime for pre-announcements, operation by front panel button

- DIGITAL TUNER

Ability to store up to thirty broadcasting frequencies in the system's memory, in a simple and easy to use manner.

- DVD / MP3

Built in DVD Player that can playback the DVD, VCD, MP3 file format, etc.

Operation

1. Before inserting the power plug to a socket, turn all switches off, put the tone control to the middle, and the volume to the lowest position.
2. Check if a speaker and input jack are connected correctly.
3. Check the power source and insert a power cord to a socket.
4. Pressing a power switch starts the unit.
5. Checking the volume from an output level indicator, adjust the volume with individual volume and master volume control, and the tone with a tone control as you want.
6. For the operation of chime, CD, see the relevant detail description in the document.

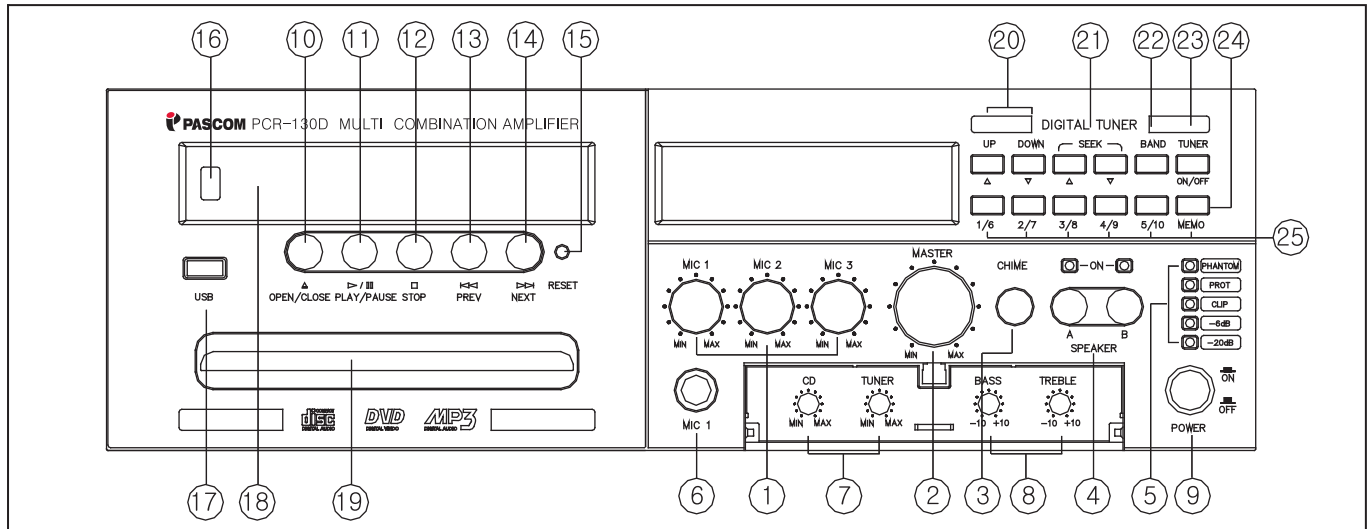
Make certain that speakers and input sources are properly connected before switching the unit on.

Keep volume levels turned down before switching on.

NOTE : The system's operation is delayed by approximately three seconds after pressing the power switch. This is due to the built-in protection circuitry, designed to protect the speakers and other system components.

1. PCR-70D/130D

Front Panel Controls



1. MIC LEVEL CONTROL

These controls adjust the volume level of the MIC 1, MIC 2 and MIC 3 input signals.

2. MASTER LEVEL CONTROL

This control is used for adjusting the volume of the finally mixed sound.

3. CHIME BUTTON

Pressing this button will activate the chime circuitry.

4. SPEAKER SELECTOR

These switches are used for internally routing the output of the amplifier to the speakers, individually or totally

5. OUTPUT LEVEL DISPLAY

This display indicates the signal output level.

6. MIC 1 INPUT CONNECTOR

Input Jack for Mic 1. (Note. Mic 2~3 are located on the rear panel.)

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7. CD, AUX LEVEL CONTROL

This control adjusts the volume level of the CD, AUX input signal.

8. TONE CONTROLS

The tone control section provides $\pm 12\text{dB}$ of control over the TREBLE and BASS ranges at the following frequencies (TREBLE: 10kHz, BASS: 100Hz).

9. POWER SWITCH

Pressing the switch to ON will illuminate the power LED and supply the power to this unit.

10. EJECT BUTTON

To change a DISC when opening or closing the tray.

11. PLAY/PAUSE BUTTON

Use this button to play DISC. If you press "PLAY" button twice, it becomes "PAUSE" state, and press it once more it plays again.

12. STOP BUTTON

To stop all function while playing DISC.

13. PREV BUTTON

Move to the previous track from the current track of DISC.

14. NEXT BUTTON

Move to the next track from the current track of DISC.

15. RESET BUTTON

Initialize a video output mode that is set related with DVD playback. (COMPOSITE)

16. REMOTE CONTROL Receive Part

This is an infrared light receive part of the remote control that controls DVD.

17. Linkage Terminal of a USB storage device

Use it by connecting with a USB storage device or a mass USB storage device(HDD).
It is possible to recognize as dividing into 40Gbyte, FAT32 in case of a mass USB storage device(HDD).

18. DVD display screen

It shows the information of DVD playback.

19. DISC Tray

The place to put the DISC into.

20. FREQUENCY UP/DOWN Button

This button is used for when you set a desired broadcasting.

21. SEEK Button

By pressing this button, frequencies that are available to listen are searched automatically.

22. BAND Button

Use this button to listen by changing AM or FM broadcasting.
It is changed in order of FM1-2-3-AM1-2-3 as pressing the button once.

23. TUNER/DVD Button

To change TUNER and DVD function, ON/OFF changes by turns TUNER and DVD as pressing the button once.

24. MEMO Button

Use to remember the frequency of the broadcasting station. After tuning the desired frequency press the MEMO button. And then, press a button between 1 and 6 so that the listening broadcasting frequency is saved in the selected number.

ex) When you want to save FM89.1MHz to the number 1.

- After pressing the MEMO button after setting FM89.1MHz by the FREQUENCY UP/DOWN Button press the button "1" to save FM 89.1MHz in the number 1.

25. ADDRESS Select Button

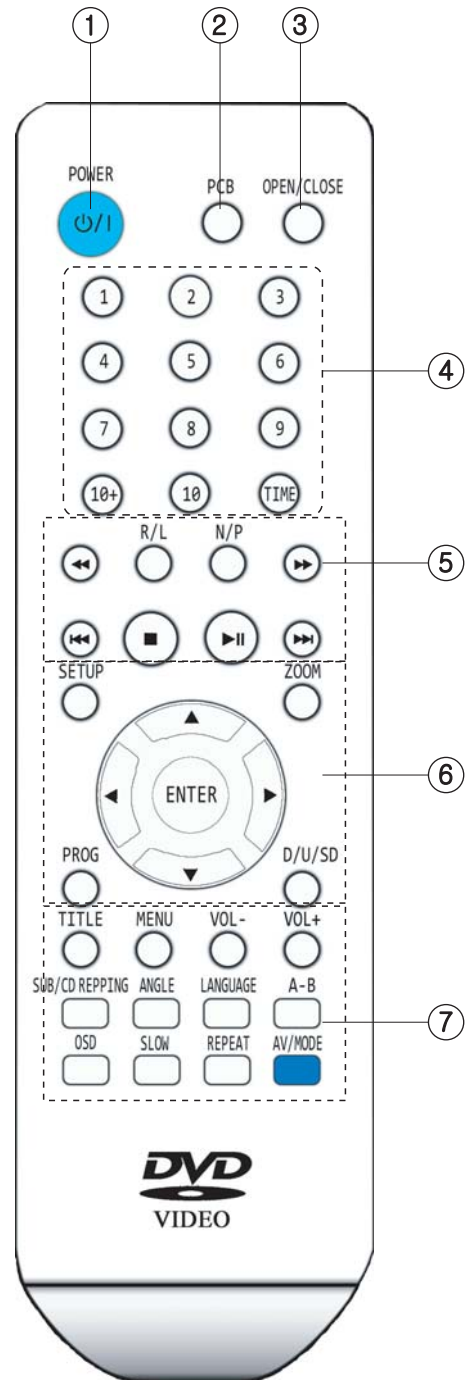
There are 10 numbers from 1 to 10, you can save totally 60 address of FM, AM.
To select 6 to 10, press a right number longer than usual.

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● Function Explanation of the Remote Control

– This remote control only controls the functions related with DVD, VCD, CD and USB.

- ① Power On/Off
- ② PBC : Display index of tracks in VCD
- ③ Open/close CD tray
- ④ 1~10 : Select track to play.
TIME : Displays proceeding/remaining time in current play.
- ⑤ REW : Rewind track during playback
FWD : Forward track during playback
PREV : Move to previous track
NEXT : Move to next track
R/L : Select changing left/right of sound output
N/P : NTSC or PAL of TV System
(Korea's standard way is NTSC.)
PLAY/PAUSE : to play or pause
STOP : Stop playing
- ⑥ SETUP : Setup system preference
ZOOM : Enlarge or downsize the image in play
PROG : sort playlist by the title, chapter, or music
D/U/SD : Select DVD or USB
- ⑦ TITLE : Display index of tracks in DVD
MENU : Display DVD menu during playback
VOL + - : Controls the volume
REPEAT : One or all Track
LANGUAGE : Voice language select
ANGLE : Convert the angle of DVD image
A-B : Repeat section
SLOW : Play image slowly
OSD : Display caption on TV in configuration.
AV/MODE : Video mode selector
(Composite, Component, S-Video, VGA)



● How to use DVD, CD DISC

Available types of media and usage

- DVD, DVD-R, DVD+R, DVD_RW, CD, HDCD, CD-R, CD+R, CD_RW, MP3 CD, AVI CD, JPG CD
 - ① Open the tray using the OPEN/CLOSE button, and press the OPEN/CLOSE button after putting CD or DVD into the tray.
 - ② If CD or DVD aren't on the tray or there is some problem, the screen shows "NO DISC"
 - ③ Play CD or DVD as pressing the PLAY/PAUSE button.
 - ④ If you press the PLAY/PAUSE button during playing, it will pause.
 - ⑤ If you press the STOP button once during playing, CD or DVD will stand by in the PRE STOP state.
 - ⑥ By pressing the PLAY/PAUSE button in the PRE STOP state, CD or DVD replay and they stop completely by pressing the STOP button.
- In case DISC is already on the tray when you power on
 - ① It reads the track on the DISC.
 - ② After selecting the desired DISC, operate by pressing the PLAY button.

PLAY Function

- ① After inserting a DISC, press the PLAY button.
- ② Start playing the DISC.
- ③ By pressing the REPEAT button of the remote control, the selected track will be played back repeatedly.
OFF ----> Repeat one ----> Repeat All ----> OFF
- ④ By using the A-B button of the remote control, a designated section will be repeated.
Repeat OFF ----> Repeat A- ----> Repeat A-B ----> Repeat OFF
- ⑤ Finish the playing when all music has played.

Repeat Function

- Become the repeat function by pressing the REPEAT button of the remote control while playing CD or DVD.
 - ① When starting
The repeat function is OFF state. Operate it by pressing the PLAY button.
 - ② During a general operation
The repeat function operates by pressing the REPEAT button.
OFF ----> Repeat one ----> Repeat All ----> OFF ---->
 - ③ REPEAT ONE
☞ The selected track will be played back repeatedly.
 - ④ REPEAT ALL
☞ All music of the inserted disc will be played back repeatedly.

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A-B Section-Repeat Function

– By designating the area of section-repeat using the A-B button, it plays the designated section repeatedly.

① When starting

Operate by pressing the PLAY button.

② During a general operation

Designate by pressing the A-B button at the start point of the repeat section.

Designate by pressing the A-B button at the end point of the repeat section.

☞ – Repeat Cancel ----> set A point(press A-B button) ---->
set B point(press A-B button) ----> A-B Repeat....

RANDOM Function

– Select and play a music of the inserted disc at discretion by pressing RANDOM button.

SEARCH Function

–Wind faster forward or backward by pressing the SEARCH button ◀◀,▶▶ during playback.

☞ The winding speed is adjusted by X2, X4, X8, X20 in speed unit as pressing this button once.

STEP Function

–A movie changes to a pause picture by each scene as pressing the

STEP button once while playing DVD movie.

SLOW Function

–A movie changes to a pause picture by each scene as pressing the SLOW button while playing DVD movies.

☞ It is adjusted by 1/2, 1/3, 1/4, 1/5, 1/6, 1/7 in 6 step as pressing the SLOW button.

ZOOM Function

– Enlarge/Reduce the picture screen by pressing the ZOOM button while playing DVD movies.

☞ It is adjusted by zoom2, zoom3, zoom4, zoom1/2, zoom1/3, zoom1/4 in 6 step as pressing the SLOW button.

● How to operate USB

– MP3 Play

To recognize the USB device, there shouldn't be CD or DVD on the disc tray.

You can use a USB storage device and an exterior hard disc as the compatible USB device, and the partition should be formatted by FAT32. In case of an exterior hard disc, it is possible to recognize after separating the partition in 40Gb unit and formatting to FAT32. When using an exterior hard disc, recommend you the product in 3.5 inches that supports its own power supply to the exterior hard disc.

In case of the product in 2.5 inches, if the power consumption is larger than the supply power, the recognition doesn't become occasionally.

– AVI Movie File Play

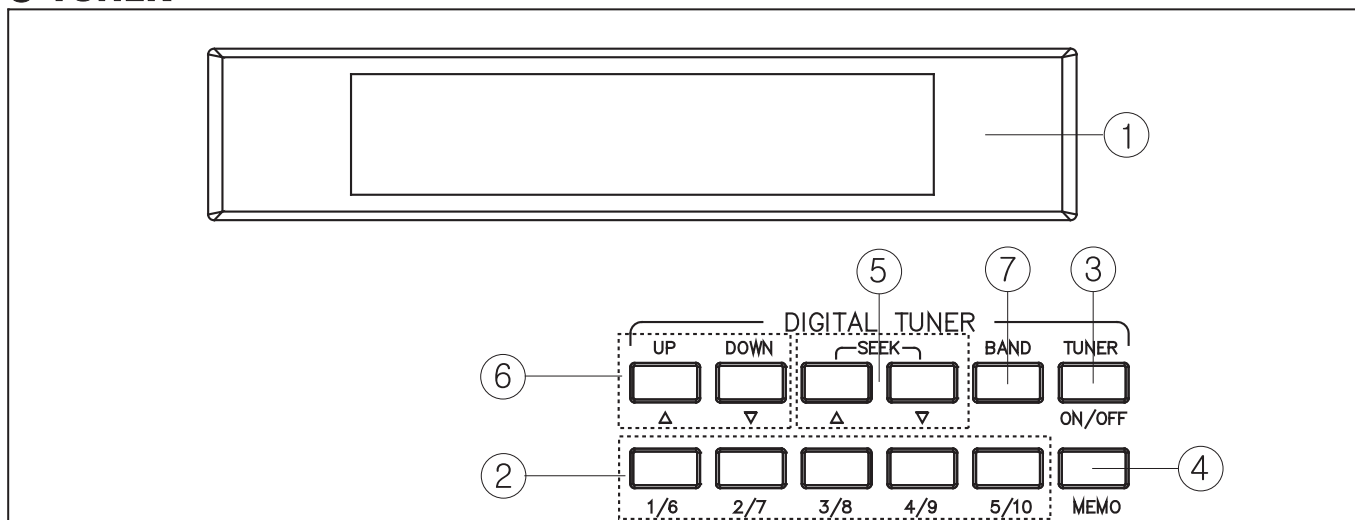
It is possible to play a DVIX movie file of AVI form. Depend on the capacity and resolution of file, the playback might not play or might stop.

– JPG Photo File Play

It is possible to play a photo file of JPG format.

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● TUNER



1. TUNER display screen

It shows the information of RADIO TUNER.

2. ADDRESS SELECT BUTTON

These switches select six memory address banks for the storage of broadcasting frequencies. Each of these banks can hold five broadcasting frequencies at designated memory address areas, i.e. F1, F2, F3, A1 and A2. therefore total of thirty broadcasting frequencies can be stored.

3. TUNER/DVD Button

To change TUNER and DVD function, ON/OFF changes by turns TUNER and DVD as pressing the button once.

4. MEMORY BUTTON

This is for memorizing the broadcasting frequency.

1. Select the memory area AM or FM with the BAND switch.
2. Select the frequency that you want to memorize with the UP/DOWN switch.
3. Press the MEMORY switch, then select the desired address with ADDRESS switch.
4. The present status of the tuner will be memorized in the selected address.

5. SEEK BUTTON

By pressing this button, frequencies that are available to listen are searched automatically.

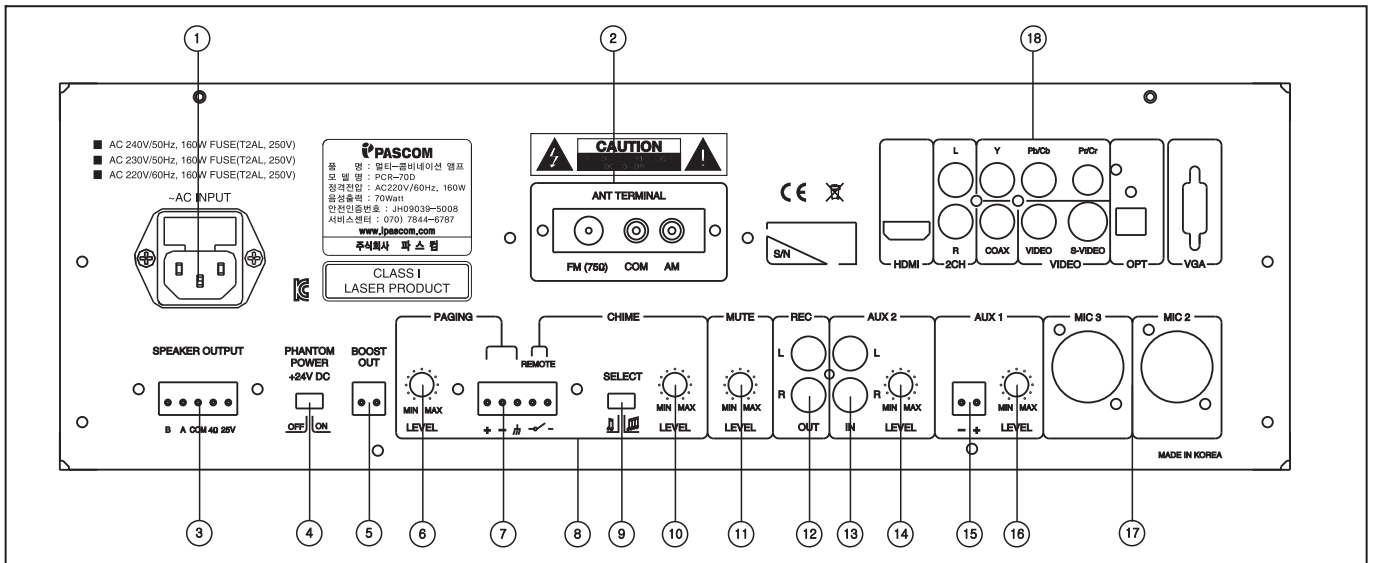
6. UP/DOWN BUTTON

When the switch is momentarily pressed once, the AM/FM frequency will adjust with a single UP/DOWN count. When the switch is pressed continuously, the frequency is continuously fast UP/DOWN counted.

7. BAND SELECT BUTTON

This switch is for selecting AM or FM, when using the tuner.

Rear Panel Controls



1. AC FUSE & HOLDER

In case exchanging the fuse, just pull and open the holder inward direction, then exchange it.

2. ANTENNA TERMINAL

This terminal is for connecting the antenna terminal, when you can use the tuner.

3. SPEAKER TERMINAL

These terminals are for the connection to speakers. Select the 4Ω terminals or the high impedance terminals. (A,B) Do not select both low and high impedance terminals else overload may occur.

4. PHANTOM POWER SWITCH

This switch turns on/off the phantom power supply for all channels.

Use this switch when you are using condenser microphones. When this switch is turned on, DC +24V will be supplied to pins 2 and 3 of each INPUT jack.

5. BOOST OUTPUT CONNECTOR

The line out signal of this unit can be used for connecting to another amplifier, e.g. recorder or signal processor etc.

6. CHIME LEVEL CONTROL

This control adjusts the volume level of the AUX input signal.

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7.PAGING IN TERMINAL

These terminals are to be connected to telephone exchange system for paging.

NOTE: When there are paging signal through this terminal, all other input signals except AMP IN are muted. Also, you can adjust to input level by the volume of internal unit from 200mV to 1V.

8. EXT CHIME

When these two terminals are shorted, the four-tone chime circuitry is activated

9. CHIME 2 TONE / 4 TONE SELECTOR

This switch is for select the 2 tone or 4 tone

10. CHIME LEVEL CONTROL

This control adjusts the volume level of the AUX input signal.

11. MUTE LEVEL CONTROL DURING PRIORITY CALL

When the other channel signals are muted by MIC 1 and CHIME, this control is used for adjusting the muting level.

12. REC OUT

This output is provided for connection of the unit's line level output directly to an external signal processor or power amplifier.

13. AUX INPUT CONNECTOR

The sound source from cassette deck etc., is connected to this input.

14. AUX LEVEL CONTROL

This control adjusts the volume level of the AUX input signal.

15. AUX INPUT CONNECTOR

The sound source from cassette deck etc., is connected to this input.

16. AUX LEVEL CONTROL

This control adjusts the volume level of the AUX input signal.

17.MIC INPUT CONNECTORS

These jacks are for MIC 2~3 input. Input sensitivity is 1mV and impedance balanced 600Ω.

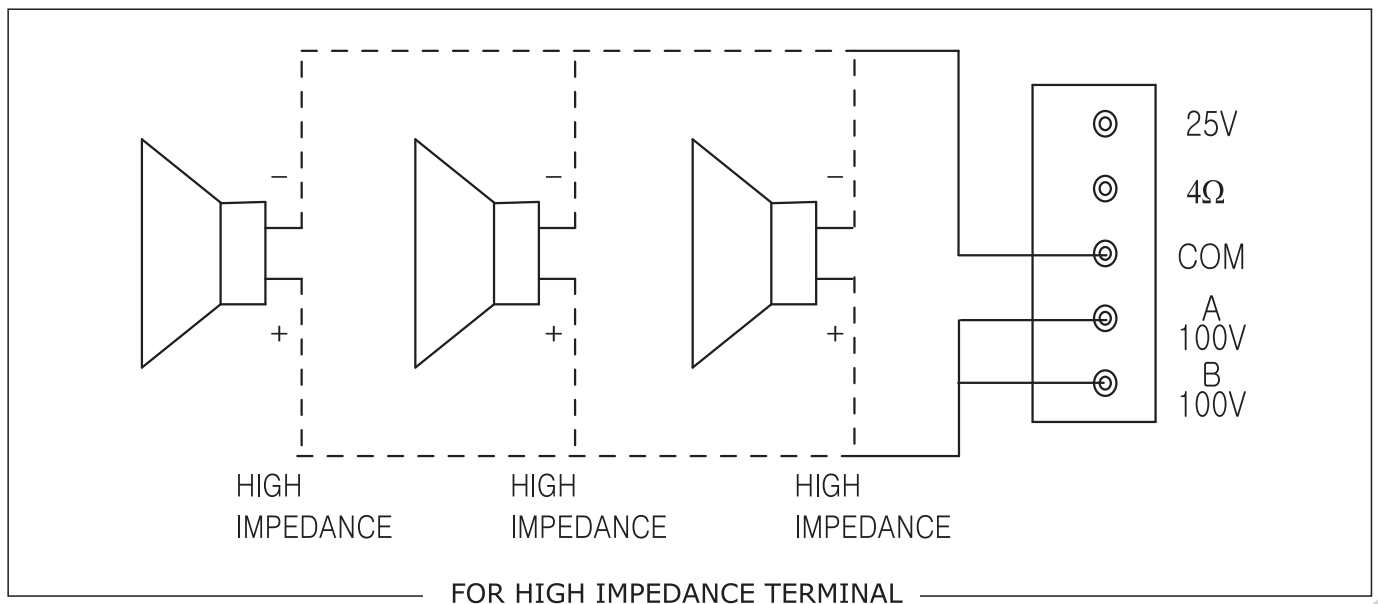
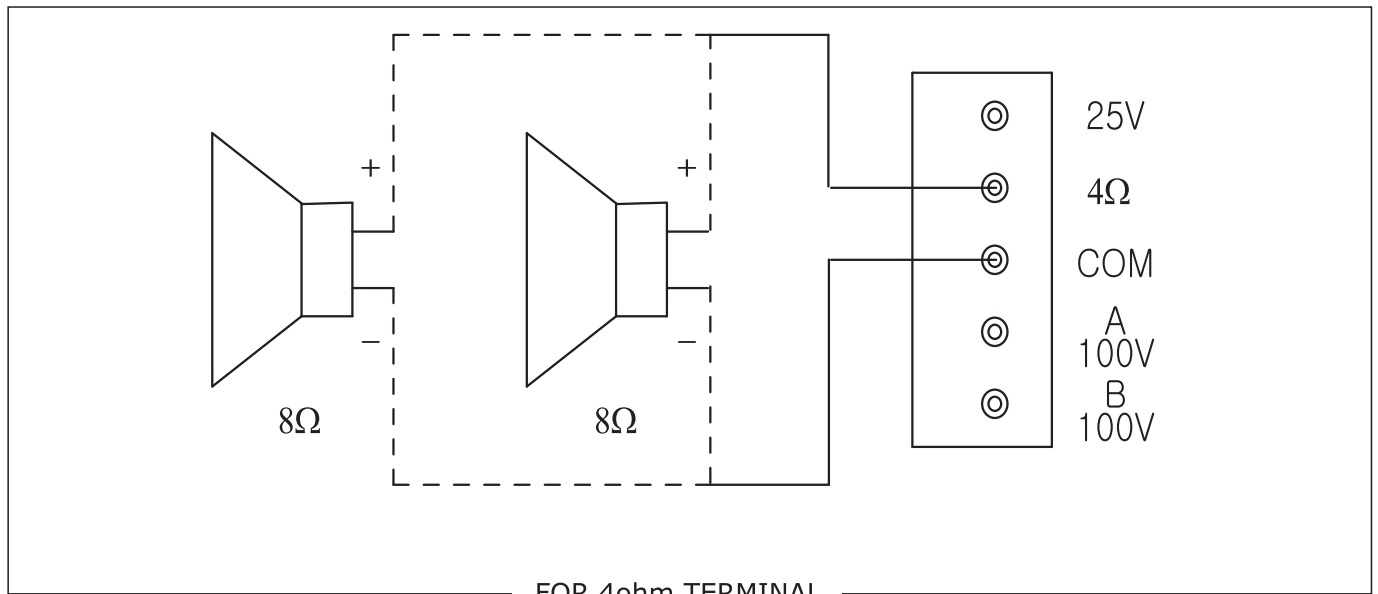
18. DVD OUTPUT TERMINAL

As a terminal that makes a sound output and a image output of DVD, uses it as connecting an external receiver, LCD TV and so on.For the detailed information, please refer to "Connection Method"

Installation of the Speaker

Before you connect the speaker, remove the power cord from the power outlet and switch the PCR-60/120 power switch off. When connecting the speaker wires to the SPEAKER OUTPUT terminals, use the output terminals that are suitable for the speaker (see below).

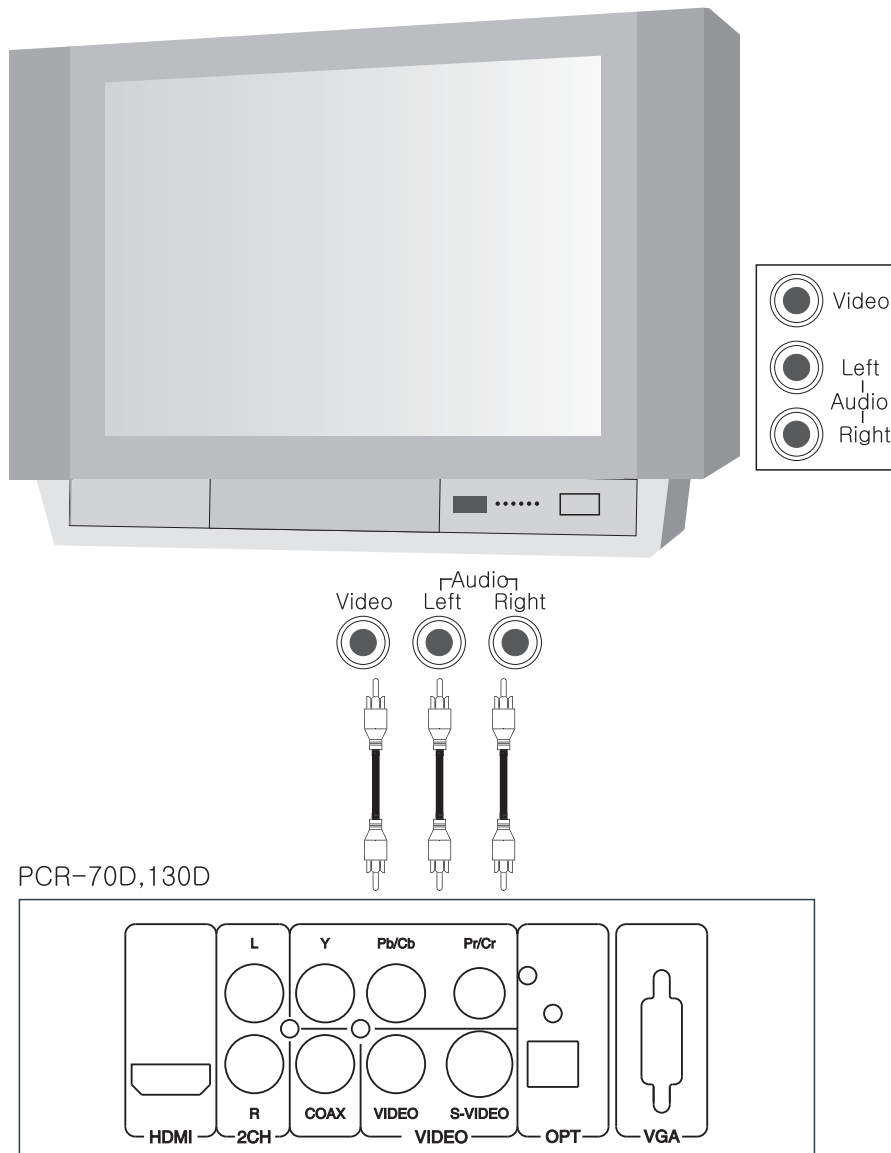
Extreme care must be exercised when connecting to these terminals as potentially hazardous voltages may be present.



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How to connect General TV.

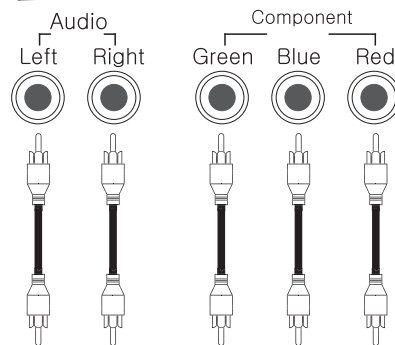
◆ You should connect the product after shutting off (pull out the plug) the power of TV and PCR-70D/130D.



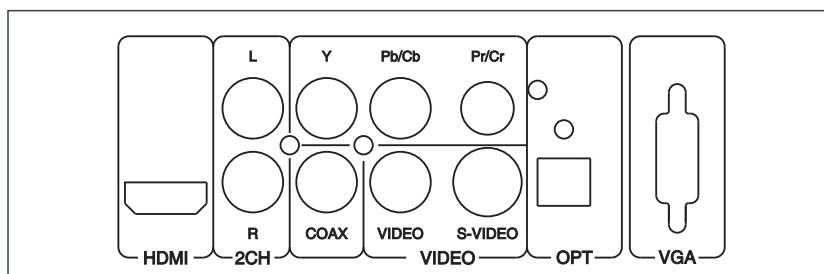
- ▶ Connect AV cables (Yellow, Red, White) to TV and the product as matching in color. In case the Sound is a mono, connect the Sound only one..
 - ▶ Yellow cable is the Picture, connect it to the VIDEO terminal of PCR. Red cable is the Right Sound, connect the R terminal of PCR. Lastly, white cable is the Left Sound, connect the L terminal of PCR.
 - ▶ After finishing the connection, switch TV to External Input, and then, switch to External Input by pressing the TV/External Input button of the TV remote control.
 - ▶ You need a STEREO-RCA transfer gender when you connect the Sound Output to stereo channel 2 not to TV, and connect to the red terminal (MR), the white terminal (ML) of PCR.
- * About the connection method of Channel 5.1, please refer to the special instruction book.

How to connect HD TV

- ◆ You should disconnect (pull out the plug) the power of TV and PCR-70D/130D while connecting cables.
- ◆ When you connect HD TV by a component, you must change the setting of Picture Output to Component. You can set in Set-up or use the V-MODE button of the remote control.



PCR-70D,130D

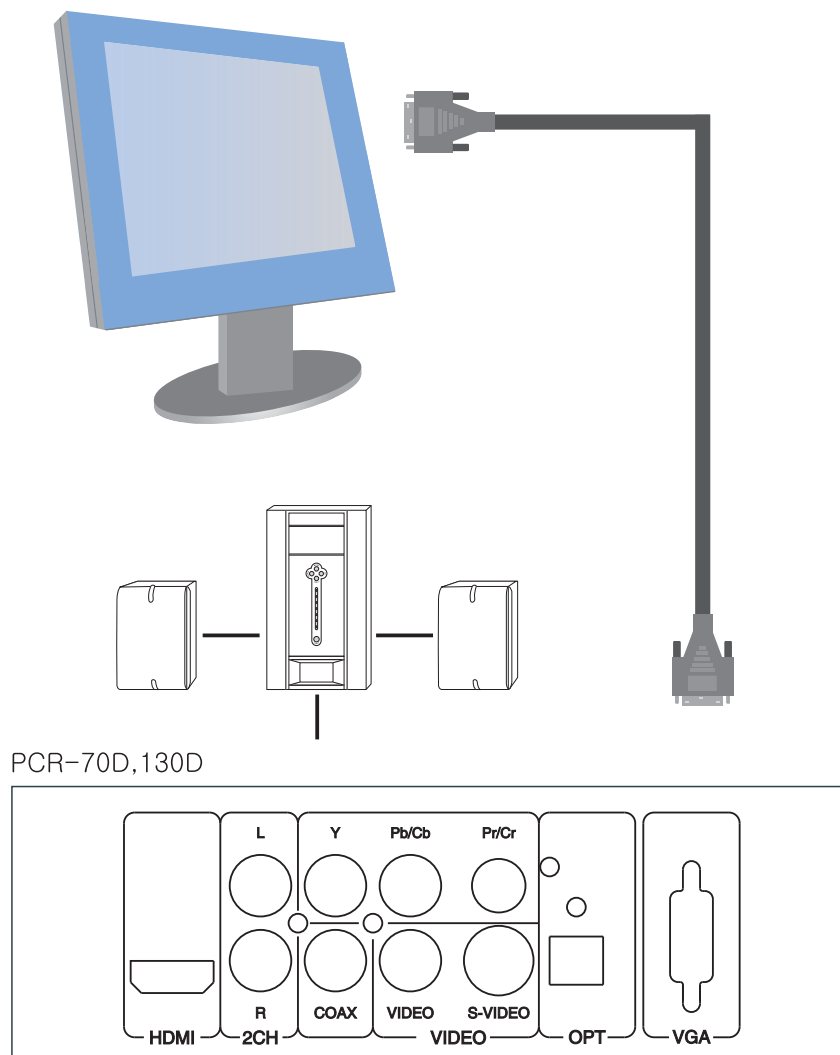


- ▶ Connect picture cables (Green, Blue, Red) to the component picture terminal of HD TV and the component terminal of PCR as matching in color. (Sound : L terminal [white], R terminal [Red])
- ▶ For the sound, connect AV cables in red, white to the component sound terminal (Red, White) and PCR.
- ▶ Finishing the connection, power on the HD TV and change the setting to "P-SCAN YPBPR" in System Set Up-Video of the set-up menu. If the picture sign doesn't come up, change to "P-SCAN YPBPR" using the V-MODE button of the remote control so that the picture is out-putted normally.

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How to connect PC Monitor

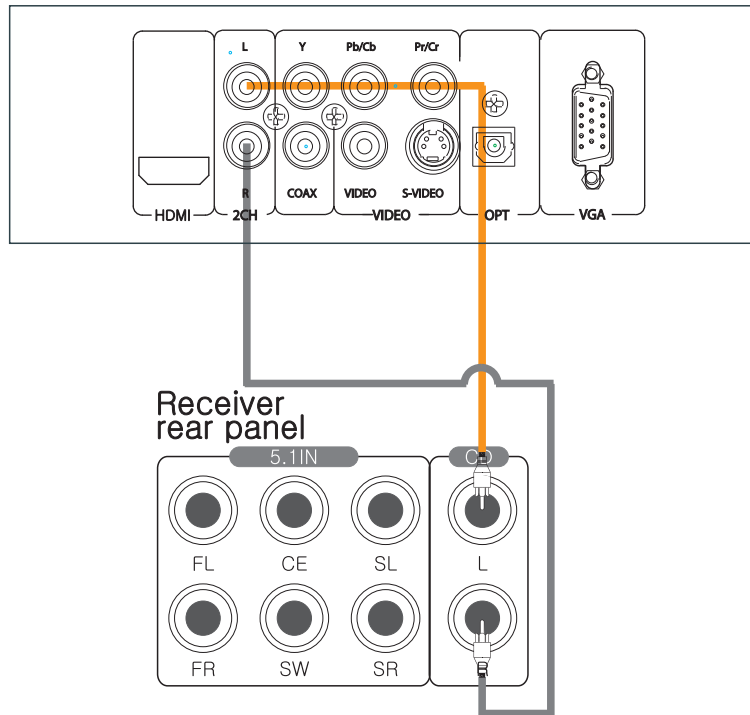
- ◆ You should disconnect (pull out the plug) the power of a monitor and PCR-70D/130D while connecting cables.
- ◆ You must change the setting of the picture output to "PC-VGA" while connecting a PC monitor by VGA. You might set it in Set-up or use the V-MODE button of the remote control.
- ◆ Connect to VGA port of PCR using VGA cable.
- ◆ You should output the sound by a separate speaker or etc.



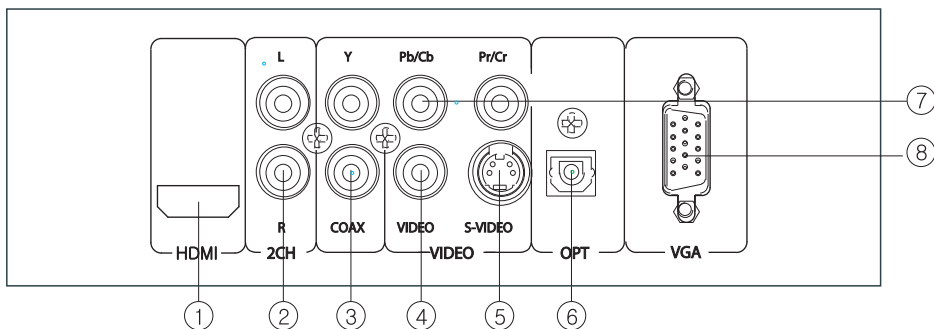
- ▶ Finishing the connection, power on the PC monitor and change the setting to "PC-VGA" in System Set Up-Video of the set-up menu. If the picture sign doesn't come up, change to "PC-VGA" using V-MODE button of the remote control so that the picture is out-putted normally.
 - ▶ You need a STEREO-RCA transfer gender when you connect the Sound Output to the stereo channel 2 speaker for PC, and connect to the red terminal(MR) and the white terminal(ML) of PCR.
- * About the connection method of Channel 5.1, please refer to the special instruction book.

How to connect with 2 Channel System

- ◆ Make sure that this device and Receiver are both turned off and unplugged.



REAR PANEL



1. HDMI CONNECTOR
2. STEREO JACK (Regular TV, 2ch)
3. COAXIAL JACK
4. REGULAR TV VIDEO JACK
5. S-VIDEO Logic
6. OPTICAL Terminal
7. COMPONENT JACK for HD TV
8. VGA CONNECTOR

- By provided RCA cable, you can connect with receiver, amplifier or other stereo input Jack. Red into Right, White into Left.

Menu Operation(Basic Setup of System)

◆ Can see the menu when you press the setup button of remote controller.

General	Audio	Dolby	Video	Preference
*** General Setup Page ***				
TV Display	4:3/PS		4:3 / PS	
Angle Mark	On		4:3 / LB	
OSD Lang	Eng		16:9	
Captions	Off			
Screen Saver	On			
HDCD	Off			
Last Memory	Off			
Set TV Display Mode				

4:3PS : Set for General TV Output

4:3LB : Can see the black screen on up and down side when general TV output. HD TV output, If you see the movie that width is longer than 16:9, can see full screen.

16:9 : Set for HD TV or wide screen output.

General	Audio	Dolby	Video	Preference
*** General Setup Page ***				
TV Display	PS			
Angle Mark	On		On	
OSD Lang	Eng		Off	
Captions	Off			
Screen Saver	On			
HDCD	Off			
Last Memory	Off			
Set Angle Mark				

User can choose the same angle, when user use DVD that supply various angles.

General	Audio	Dolby	Video	Preference
*** General Setup Page ***				
TV Display	PS			
Angle Mark	On			
OSD Lang	KOR		English	
Captions	Off		French	
Screen Saver	On		German	
HDCD	Off		Spanish	
Last Memory	Off		Korean	
Set OSD Language				

OSD Language

Choose the Language of menu.

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Menu Operation(Basic Setup of System)

◆ Can see the menu when you press the setup button of remote controller.

General	Audio	Dolby	Video	Preference
*** General Setup Page ***				
TV Display	4:3 / PS			
Angle Mark	On			
OSD Lang	ENG			
Captions	Off			
Screen Saver	On	On		
HDCD	Off	Off		
Last Memory	Off			
Screen Saver				

Screen Saver

Can execute the setting of screen saver.

General	Audio	Dolby	Video	Preference
*** General Setup Page ***				
TV Display	4:3 / PS			
Angle Mark	On			
OSD Lang	ENG			
Captions	Off			
Screen Saver	On			
HDCD	Off	OFF		
Last Memory	On	1X 2X		
HDCD				

HDCD Play Setting

1X : 1 speed setting.

2X : 2 speed setting.

General	Audio	Dolby	Video	Preference
*** General Setup Page ***				
TV Display	4:3 / PS			
Angle Mark	On			
OSD Lang	ENG			
Captions	Off			
Screen Saver	On			
HDCD	Off			
Last Memory	On	On Off		
Set Last Memory State				

Last Memory

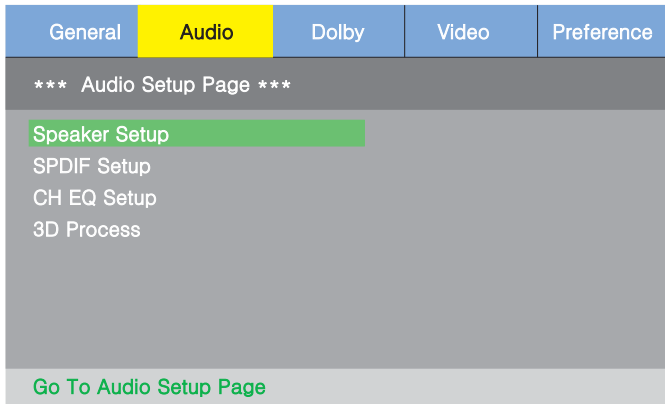
The ability to play that remember to play in the previous.

General	Audio	Dolby	Video	Preference
*** General Setup Page ***				
TV Display	4:3/PS			
Angle Mark	On			
OSD Lang	ENG			
Captions	Off	On		
Screen Saver	On	Off		
HDCD	Off			
Last Memory	Off			
Closed Caption				

HIDE SUBTITLE

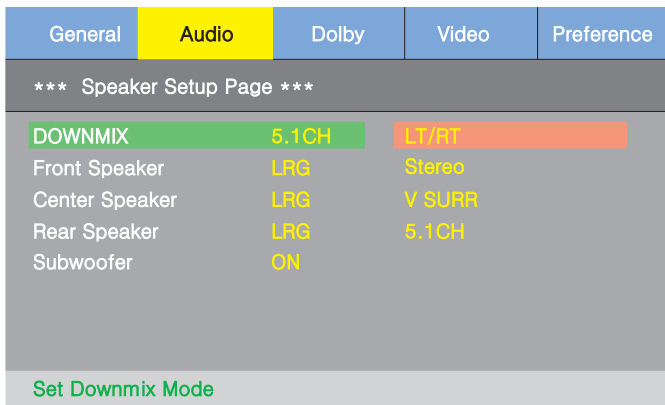
Menu Operation(Basic Setup of System)

◆ Can see the menu when you press the setup button of remote controller.



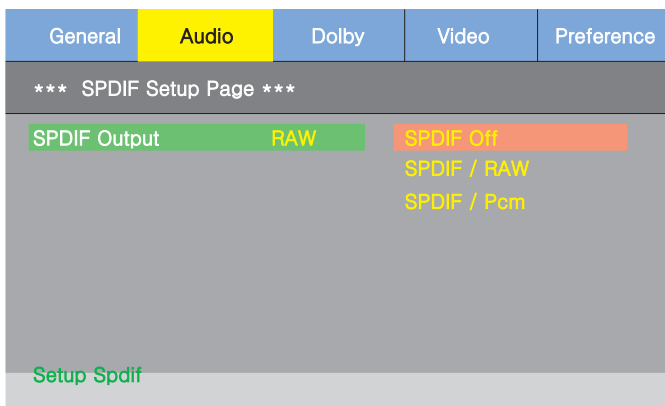
Audio Setup

Includes speaker setup, spdif setup, Dolby Digital setup, equalizer setup and 3D processing.



Downmix Setup

This menu options include DOWNMIX, FRONT, CENTER, REAR, SUBWOOFER.



Digital Audio Setup

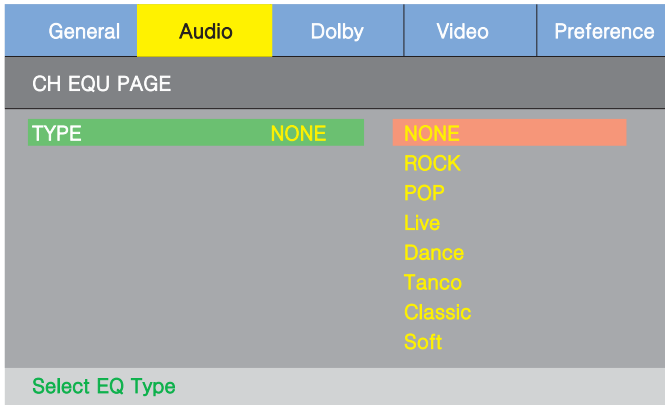
Includes SPDIF Output and PCM Output.

Digital Audio can be output through OPTICAL or COAXIAL in rear panel.

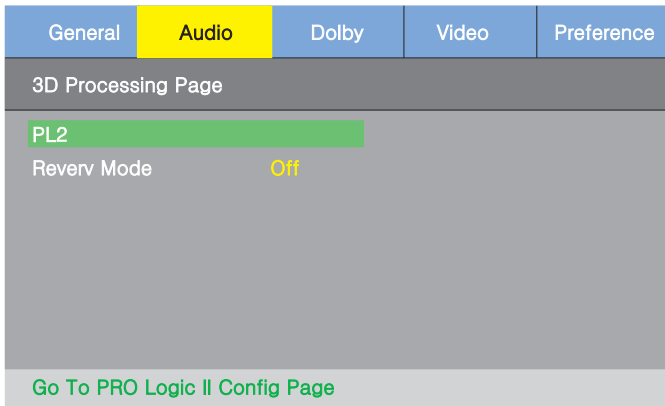
MULTI COMBINATION AMPLIFIER

Menu Operation(Basic Setup of System)

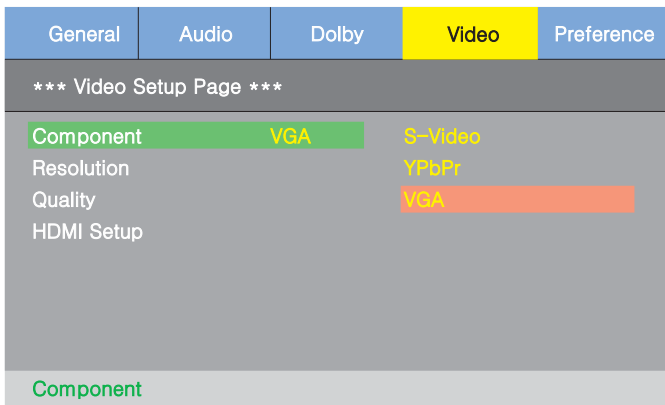
◆ Can see the menu when you press the setup button of remote controller.



Equalizer Setting
Can select the sound color of audio.
Rock, Pop, Live, Dance, Tanco, etc.



3D Processing Setting
Can choose the 3D Sound.
Use it when it connect with Home Theater etc.,
3D Sound implementation system.



Video Setup
Choose the Video Output Mode.
Choose the S-Video, VGA etc., according to the
type of connected monitor.
Can choose and use the Resolution, Quality, HDMI
etc.,

Menu Operation(Basic Setup of System)

◆ Can see the menu when you press the setup button of remote controller.

General	Audio	Dolby	Video	Preference
*** Video Setup Page ***				
Component	VGA		480i	
Resolution			576i	
Quality			720P50	
HDMI Setup			720P60	
			1080i50	
			1080i60	
			1080p(50Hz)	
			1080p(60Hz)	
Resolution				

Video Resolution Setup

Choose the 480i, 576i, or Full HD(1080P), etc., according to the type of connected monitor.

General	Audio	Dolby	Video	Preference
*** Video Setup Page ***				
HDMI	On		On	
Audio Source	AUTO		Off	
HDMI				

Video HDMI Output Setting

Use the HDMI cable to the monitor, You can see high quality Video.

General	Audio	Dolby	Video	Preference
*** Preference Page ***				
TV Type	NTSC		PAL	
Audio	KOR		AUTO	
Subtitle	KOR		NTSC	
Disc Menu	KOR			
Parental				
Password				
Default				
Set TV Standard				

TV Type Setting

This product supports output of various systems, including AUTO, NTSC, PAL.

If your TV set has only NTSC or PAL system, the screen will blink and become colorless when a wrong system selected.

You must choose correct TVType in this menu.

Specifications

- ELECTRICAL

Rated Output Power (RMS)	-----	70W, 130W
Speaker Output Impedance		
PCR-70D	-----	70W : 17V/4Ω, 25V/9Ω, 100V/143Ω
PCR-130D	-----	130W : 22V/4Ω, 25V/5Ω, 100V/83Ω
Input Sensitivity/Impedance		
MIC 1-3	-----	3mV/600Ω
Aux	-----	350mV/47kΩ
Frequency Response (+1/- 3dB)		
MIC 1-3	-----	100Hz~12kHz
Aux	-----	80Hz~15kHz
Amp In	-----	80Hz~15kHz
T.H.D	-----	Less than 1%
S/N		
MIC 1-3	-----	Better than 55dB
Aux	-----	Better than 65dB
Tone Control		
Bass (100Hz)	-----	± 10dB ±2dB
Treble (10kHz)	-----	± 10dB ±2dB

- TUNER SECTION

Tuning Range	-----	FM : 87.5~108MHz AM : 522~1620KHz
Usable Sensitivity	-----	FM : 2μV, AM : 12μV

- DVD SECTION

Type	-----	1DISC Front Loading Type
Frequency Response (+1/-3dB)	-----	20Hz~20kHz
THD	-----	Less than 1%

- GENERAL

Power Source	-----	230V, 50Hz
Power Consumption	-----	270W
Weight	-----	14.5Kg
Dimensions	-----	420(W)×140(H)×350(D) mm

Note : Specifications and design subject to change without notice.

