



ProMedia™ DD-5.1

Multimedia
Digital Decoder
Preamplifier



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FCC Compliance Statement

The equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment off and on. The user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Notice

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Shielded cables and I/O cords must be used for this equipment to comply with the relevant FCC regulations. Changes or modifications

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In case of insurance claim, please make sure to record the Model Number and Serial Number printed on the real panel of the cabinet. The space below is provided for you to record the information.

Model Number: _____ Serial Number: _____

Purchase Date: _____ Dealer Name: _____

Introduction

Thank you for purchasing DD-5.1 Surround Sound decoder. This versatile audio surround sound system is precisely crafted to bring you the most advanced surround modes including DTS, Dolby Digital & Dolby Pro Logic. This system will reproduce six discrete channels of encoded sound tracks with true fidelity and sonic excellence. The DD-5.1 automatically detects the type of signal present at each input and decodes it based on the original encoded software. DD-5.1 allows you to connect virtually any audio input sources such as TV, VCR, CD-ROM, DVD Player, LD Player, Stereo Receiver, PC and Game Consoles (Nintendo , Sony PlayStation , and SEGA), DD-5.1 is truly a dynamic multimedia theater center.

Checking Package Contents

Carefully unpack the DD-5.1 Surround Sound Decoder from the package and locate its contents.

DD-5.1 Surround Sound Decoder	x 1
DD-5.1 Owner's Manual	x 1
DD-5.1 Remote Control	x 1
AC Adapter for Decoder (DC 12V, 1A)	x 1
Adaptor Cable	x 3

Note: Be sure to inspect the DD-5.1 from signs of damage due to shipping and handling. If you notice any damage or find any items missing, **please contact Klipsch customer service at 888-554-5665**

DD-5.1 Features

- DTS
- Dolby Digital
- Dolby Pro Logic
- Bass management
- Sound field processing
- Equalization

Important Safety Instructions

To ensure your safety, please read these instructions before operating this unit.

1. Follow all instructions and warnings marked on the unit.
2. Always use the correct line voltage. Please refer to page 6, and find out the correct power requirements in your area. Please note that different operating voltages may require the use of different adapters.
3. Do not install the unit in an unventilated rack, or directly above heat producing equipment such as power amplifiers.
4. Please do not block the openings on both sides of the case for better ventilation.
5. To avoid shock or fire hazard, do not expose the unit to rain or moisture, or operate it where it will be exposed to water.
6. Do not attempt to operate the unit if it has been dropped, damaged, exposed to liquids, or if it exhibits a distinct change in performance indicating the need for service.
7. Only qualified service personnel should open this unit.
8. Removing covers will expose you to hazardous voltages.
9. Do not overload wall outlet, extension cords or integral convenience receptacles, as this can result in a risk of fire or electrical shock.
10. Route power supply cords so that they are not likely to be walked on or pinched by items placed on or against them, paying particular attention to cords at plugs, convenience receptacles, and the point at which they exit from the unit.

Safety Voltage Chart:

Use the following chart to find out the correct adapter for your country:

Device	Input		Output	Area
	Voltage	Frequency		
DD-5.1	AC 100 V	50/60 Hz	DC 12V, 1A	Japan
	AC 120 V	60 Hz	DC 12V, 1A	North America/ Taiwan
	AC 230 V	50 Hz	DC 12V, 1A	Europe/UK

Installation

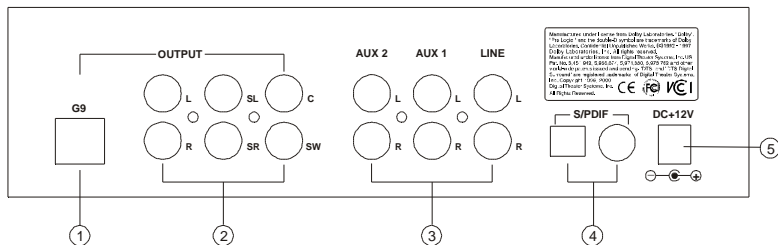
- Turn off any electrical or computer device that you plan to connect to the DD-5.1.
- Slowly unpack the DD-5.1 and its accessories from their packaging.
- Place the DD-5.1 on a flat, stable surface, preferably on a T.V shelf, allow a space of at least 10 cm above, behind and apart from any object.
- Locate the DD-5.1 near your source equipment so you can use the shortest possible interconnect cables. Keep your DD-5.1 away from moisture sources such as open windows and heat sources such as hot air ducts radiators. Also, you should keep the unit away from direct sunlight since it could interfere with the remote control sensor.
- The DD-5.1 Surround Sound Decoder has a very flexible connectivity. It accepts both digital and analog audio signals from CD Player, VCR, DVD player, TV monitor, Computer and Game Consoles (Nintendo N64, Sega Dream Cast, SONY PlayStation II etc.)
- DD-5.1 can be connected to an external amplifier or our Promedia 5.1 speaker system; in page 9 and 10, different diagrams can clearly illustrate the proper installation of DD-5.1 depending on different audio sources, amplifiers and speakers.

DD-5.1 Front Panel



1. The POWER Button
This button turns DD-5.1 ON or OFF.
2. The POWER Indicator
This LED lights up when you plug in DC-12V.
3. Speaker Configuration LEDs
Each LED represents the status of an individual channel. When a particular channel is active, the LED lights up. Red color LED light means this particular channel has been set to output a wider frequency range that contains bass signal between 20Hz to 120Hz. Green color LED light means this particular channel doesn't contain the bass signal between 20Hz to 120Hz.
4. Front Panel Display
This display provides you with important information regarding system status and settings. It is important to be familiar with all the indications on the display in order to have the system function properly.

DD-5.1 Rear Panel



DD-5.1 Rear Panel

1. G9 Audio Output:: (Not used with our Promedia 5.1 system)

This output feeds 6 channels audio signals; L (Front Left), R (Front Right), SL (Surround Left), SR (Surround Right), C (Center) & SW (Subwoofer) to the matching inputs on a control center or power amplifier via G9 (DIN) cable.

2. Main Outputs:

The Six outputs feed audio signals to the matching inputs on an external power amplifier, or via 3 adaptor cables to our Promedia 5.1 speaker system.

L (Front Left)

R (Front Right)

SL (Surround Left)

SR (Surround Right)

C (Center)

SW (Subwoofer)

3. Auxiliary and Line Inputs:

These inputs accept signals from stereo analog signal sources.

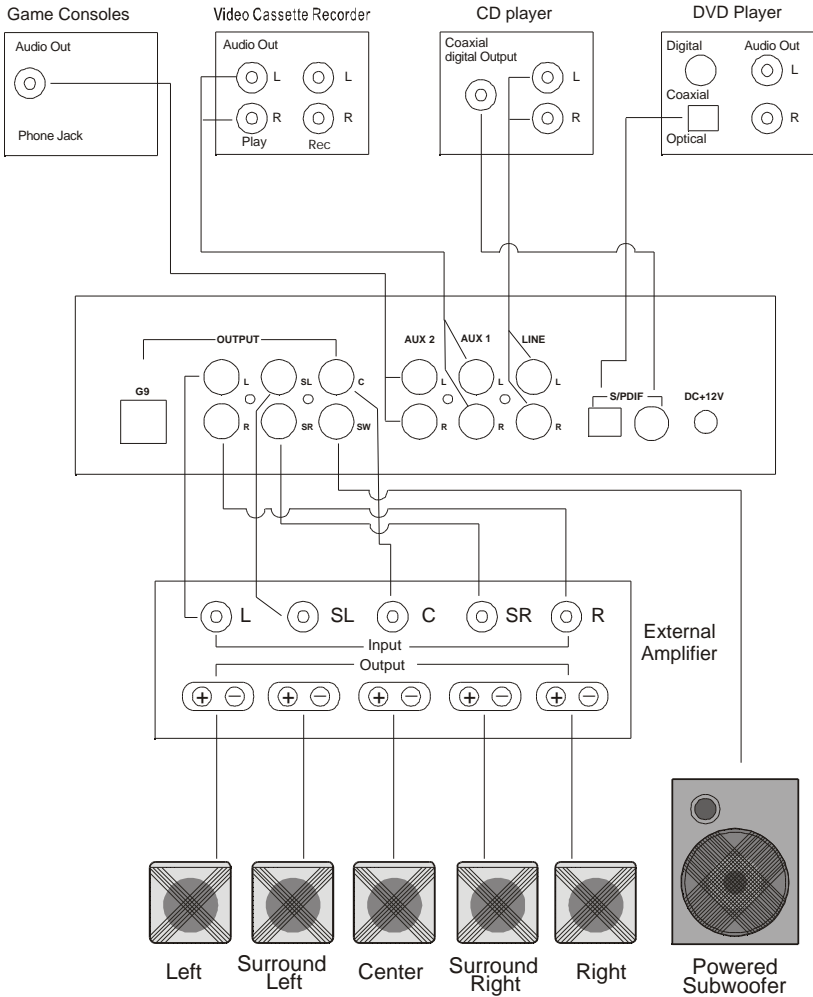
4. S/PDIF Digital Inputs:

DD-5.1 accepts two types of digital inputs. One set of optical input and another set of coaxial input. Connect the digital outputs of the sound sources to these inputs.

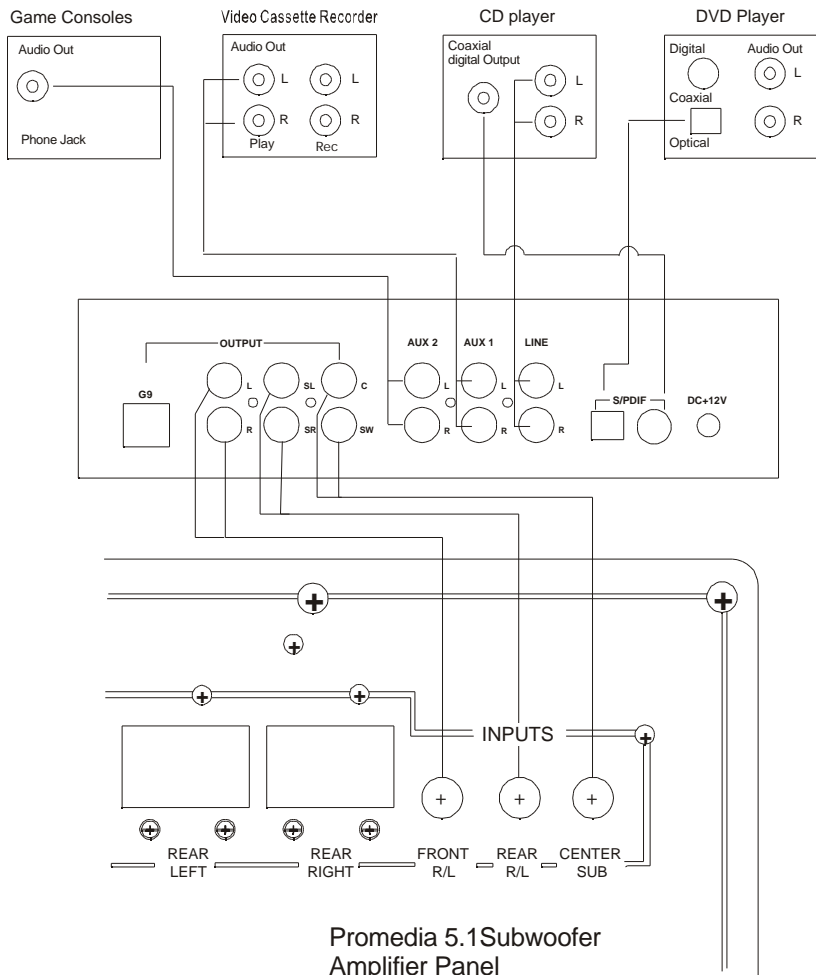
5. DC 12V Power Input:

Connect the DD-5.1 adapter to an AC outlet. Please refer to page 6 to determine the correct voltage in your area.

Connecting DD-5.1 (with External Power Amplifier)



Connecting DD-5.1 (with Promedia 5.1 Speaker System)



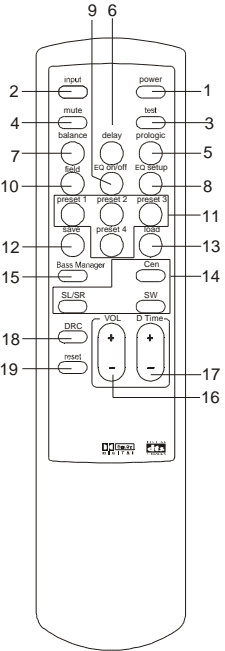
1. After properly connecting DD-5.1 to your audio sources and amplifier, plug in DD-5.1's AC adapter to an AC outlet.
2. Turn on the power of DD-5.1 by pushing the **POWER Button** on the front panel.

- Also, turn on the power of all audio sources, amplifier, and/or powered subwoofer.
3. Having completed the installation, get ready to experience true Dolby Digital or DTS effect right in your living room.

Note:

When playing music or movie, be sure to have the volume set low initially. Gradually turn the volume up to an appropriate level after the playback has started.

DD-5.1 Remote Control

 <p>The diagram shows a remote control with the following controls labeled with numbers 1 through 19:</p> <ul style="list-style-type: none"> 1: power 2: input 3: test 4: mute 5: prologic 6: delay 7: balance 8: EQ setup 9: EQ on/off 10: preset 1 11: preset 2 12: preset 3 13: preset 4 14: CEN 15: Bass Manager 16: SL/SR 17: VOL + and VOL - 18: D Time 19: reset 	<p>6 DELAY Button Select the desired channel to engage the time delay adjustment.</p> <p>7 BALANCE Button Custom set the volume setting for 6 channels</p> <p>8 EQ SETUP Button Select up to 5 EQ Band Settings</p> <p>9 EQ ON/OFF Button Activate the selected EQ Band Setting</p> <p>10 FIELD Button Select among 6 different sound fields</p> <p>11 PRESET Button (P1, P2, P3, P4) Store up to 4 different user settings</p> <p>12 SAVE Button Store user setting into a selected preset</p> <p>13 LOAD Button Activate user setting stored in selected preset</p> <p>14 SPEAKER ON/OFF Buttons (CEN, SL/SR, SW) These 3 buttons switch the center speakers, SL/SR speakers and subwoofer on and off. CEN Buttons allows you to activate/deactivate the center channel speaker. LS/RS Button lets you simultaneously activate/deactivate the left and right surround speakers. SW Button is used to activate/deactivate the subwoofer.</p>
<p>1 POWER Button On/off key</p> <p>2 INPUT MODE Button Select among 5 different source inputs</p> <p>3 TEST Button Test the signal for 6 discrete channels</p> <p>4 MUTE Button Interrupt the signal from reaching the output</p> <p>5 PROLOGIC Button Select up to 4 different surround settings</p>	<p>15 BASS MANAGER Button It switches among three bass configurations (bass config. 1, bass config.2 and bass config. 3)</p> <p>16 VOL + and VOL - Increase/decrease the volume.</p> <p>18 D TIME Button Increase/decrease the delay time.</p> <p>19 DRC Button Select among 3 different compression ratios of the dynamic range.</p> <p>RESET Button Press this button to reset the system to its factory default settings.</p>

DD-5.1 Operation

In the following pages, detailed explanations are given to guide you thru the proper operation of DD-5.1. As you might have noticed, there is only a POWER ON/OFF button on the front panel. The DD-5.1 was purposely designed this way to eliminate the hassle of having too many buttons/knobs. Our engineers have designed a user-friendly remote control unit that the entire operation of DD-5.1 will be solely based on. With the DD-5.1 remote control unit, you are able to execute all the system configurations and settings.

DD-5.1 Operation – LCD and LEDs

1. Press the power button to turn the DD-5.1 on, press it again to turn it off.
2. When power is turned off without DC 12V unplugged, DD-5.1 will do the followings:
 - a. Both LCD display and Speaker Configuration LEDs are off.
 - b. Power indicator LED remains on.
 - c. Decoder status and user configurations are memorized.
 - d. Once the power is turned on again, DD-5.1 will resume to its previous decoder status and user configurations.
3. When power is turn off with DC 12V unplugged, DD-5.1 will do the followings:
 - a. LCD display, Power indicator LED and Speaker Configuration LEDs are off.
 - b. Decoder status and user configurations won't be memorized.
 - c. DD-5.1 will reset to factory default if the adaptor is plugged back to AC outlet.

DD-5.1 Operation – LCD Display

Auto Decode Mode (Auto detect input stream type)

When DD-5.1 is turned on, it automatically detects and differentiates the audio signal coming from source unit.

Playing DVD title with Dolby Digital (AC3) format, the display shows the following information.

D o l b y D i g i t a l C o
S U R R O U N D

Playing DVD title with DTS format, the display shows the following information.

D T S	C O A X I A L
S U R R O U N D	

Playing DVD, CD, LD, VCR and Games with analog outputs connected to the analog inputs (LINE, AUX1 & AUX2) of DD-5.1, the display shows the following information.

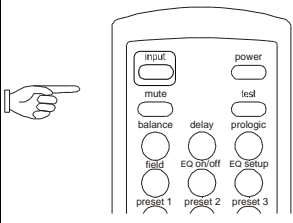
P C M	L I N E I N
S T E R E O	

DD-5.1 Operation – Mode Selection

Surround Processing Modes:

The versatile Audio Station DD-5.1 surround sound processor is capable of processing both the digital/analog audio signals from today's A/V equipments, with all equipments connected properly, DD-5.1 will automatically detects the type of digital signal present at the appointed digital input.

DD-5.1 Operation – Input Selection

Input Selection	
 <p>The diagram shows a remote control with the following buttons: 'input', 'power', 'mute', 'test', 'balance', 'delay', 'prologic', 'field', 'EQ on/off', 'EQ setup', 'preset 1', 'preset 2', and 'preset 3'. A hand is shown pointing to the 'input' button.</p>	<p>The DD-5.1 can be connected up to 5 audio sources. Select the input source feeding to DD-5.1 by repeatedly pressing the INPUT Button on the remote control until the desired setting is reached.</p>

In the **Digital Mode** (Dolby Digital / DTS), end user can manually select the audio input source either in coaxial or optical form depending on the type of the output source.

If **“COAXIAL”** is selected, display of DD-5.1 shows the following information:

D o l b y D i g i t a l C o
S U R R O U N D

If **“Optical”** is selected, display of DD-5.1 shows the following information:

D o l b y D i g i t a l O p
S U R R O U N D

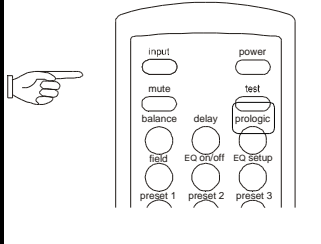
In the **PCM mode**, you can select among 3 sets of audio input sources such as CD Player, VCR, game consoles etc. (See page 8 or page 9 for reference). Display of DD-5.1 shows the following information:

P C M	L I N E I N
S T E R E O	

P C M	A U X 1
S T E R E O	

P C M	A U X 2
S T E R E O	

DD-5.1 Operation – Test Mode

Test Mode	
 <p>The diagram shows a remote control with the following buttons: input, power, mute, test, balance, delay, prologic, field, EQ on/off, EQ setup, preset 1, preset 2, and preset 3. A hand is pointing to the 'test' button.</p>	<p>After completing the connection, press the TEST Button on the remote to see if the system functions properly. You can also use the test mode to test the location of the speakers. When TEST Button is pressed, white noise is generated thru all satellite speakers in an order of L, C, R, SL, and SR channels for 2 seconds each. When completed, the DD-5.1 returns to Auto Decode mode.</p>

When test mode is running, the display shows information in a sequence as below:

D o l b y D i g i t a l C O
T E S T L

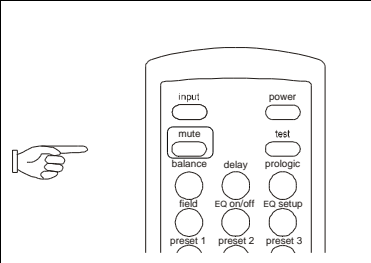
D o l b y D i g i t a l C O
T E S T C

D o l b y D i g i t a l C O
T E S T R

D o l b y D i g i t a l C O
T E S T S L

D o l b y D i g i t a l C O
T E S T S R

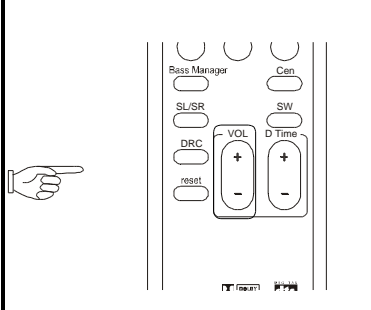
DD-5.1 Operation – Mute Mode

Mute Mode	
	<p>Pressing MUTE Button on the remote control can interrupt all signal outputs (including the G9 and 6 RCA connectors.)</p> <p>To disable the mute function, press MUTE Button again.</p>

When MUTE Button is pressed, display shows the following information:

D	o	l	b	y	D	i	g	i	t	a	l	C	o
S	U	R	R	O	U	N	D	M	U	T	E		

DD-5.1 Operation – Master Volume Control


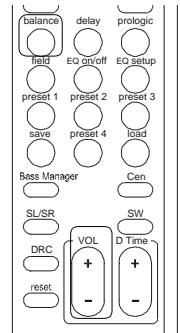

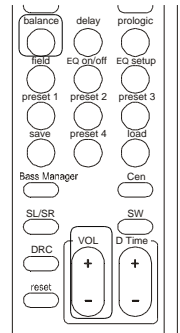
Volume Setting	
	<p>To increase or decrease the master volume of DD-5.1, simply press VOL + or VOL - on the remote control.</p>

Example: Volume being decreased by 3 decibels.

D	o	l	b	y	D	i	g	i	t	a	l	C	o
V	O	L	U	M	E	-	0	3	d	B			

DD-5.1 Operation – Balance Setting

Balance

		Balance button	
		Users can customize the volume setting of each individual channel.	
		To select a channel, press BALANCE Button on the remote control. Press this button repeatedly until desired channel is reached.	
		Adjust volume on selected channel by pressing VOL + or VOL - on the remote control.	

Example:

Press **BALANCE** Button will display the current balance volume for channel L.

D	o	l	b	y	D	i	g	i	t	a	l	C	o	
B	A	L	A	N	C	E	L					0	d	B

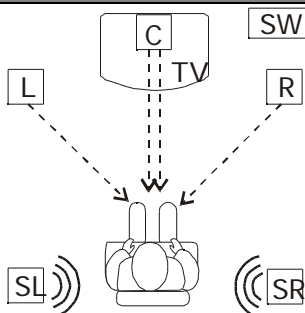
Press **BALANCE** Button again will circle to next channel.

D	o	l	b	y	D	i	g	i	t	a	l	C	o	
B	A	L	A	N	C	E	R					0	d	B

Press **VOL +** or **VOL -** will increase or decrease the balance volume for selected channel.

D	o	l	b	y	D	i	g	i	t	a	l	C	o	
B	A	L	A	N	C	E	R					+ 0 1	d	B


DD-5.1 Operation – Delay Calibration



The ideal listening position is defined as below:

- Center channel speaker should be placed in a position that has an equal distance as the left and right speakers to listener.
- Surround left and surround right speakers should be placed on the backside of listener and above listener's ear level.
- If speaker placement is restricted due to the physical environment of the room, delay calibration is sometimes necessary to achieve the ideal listening environment.
- In case center speaker only can be placed in a position that has a closer distance to listener than that of left and right speakers. The sound from the center speaker might arrive to the listener before the left and right speakers. The difference in sound arrival time would ruin the sound quality and effect, even the best DVD titles. Fortunately DD-5.1 allows you to adjust the center speaker time delay to compensate this problem by increasing the delay time for the center channel. Thus sound from the center, left and right speakers reach the listener at the same time. If your center speaker is closer to the listening area than the left and right speakers. Press **DELAY Button** repeatedly until the Center channel is reached. To increase or decrease the delay time, press **D TIME +** or **D TIME -** until a desire distance is matched. Same procedures can be applied for adjusting the delay time of surround speakers if necessary.

DD-5.1 Operation – Time Delay Adjustment on Center Channel Speaker

Delay Calibration	
	<div style="display: flex; justify-content: space-between; font-size: small;"> balance delay prologic </div> <div style="display: flex; justify-content: space-between; font-size: x-small;"> field EO on/off EO setup </div> <div style="display: flex; justify-content: space-between; font-size: x-small;"> preset 1 preset 2 preset 3 </div> <div style="display: flex; justify-content: space-between; font-size: x-small;"> save preset 4 load </div> <div style="display: flex; justify-content: space-between; font-size: x-small;"> Bass Manager cen </div> <div style="display: flex; justify-content: space-between; font-size: x-small;"> SL/SR SW </div> <div style="display: flex; justify-content: space-between; font-size: x-small;"> DRC VOL D Time </div> <div style="display: flex; justify-content: space-between; font-size: x-small;"> reset + - </div>
<p>Press DELAY Button to select the length of delay time for SL/SR/C channels. Repeatedly pressing DELAY Button will allow you to select among 3 surround speakers (SL, SR, C.)</p> <p>The delay time range for SL/SR is 0 to 15 ms and 0 to 5 ms for center.</p> <p>Adjust delay time on selected channel by pressing D TIME + or D TIME - on the remote control.</p>	

Press the **DELAY Button** will display the current delay time for channel LS.

D	o	l	b	y	D	i	g	i	t	a	l	C	o
D	E	L	A	Y	S	L	5	m	s				

Press the **DELAY Button** again will circle to next channel.


D	o	l	b	y	D	i	g	i	t	a	l	C	o
D	E	L	A	Y	S	R	5	m	s				


Press the **D TIME +** or **D TIME -** button will increase or decrease the delay time for current channel.

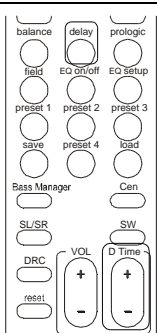
D	o	l	b	y	D	i	g	i	t	a	l	C	o
D	E	L	A	Y	S	R	6	m	s				

DD-5.1 Operation – Time Delay Adjustment on Surround Speakers

Delay Calibration







Press **DELAY Button** to select the length of delay time for SL/SR/C channels. Repeatedly pressing **DELAY Button** will allow you to select among 3 surround speakers (SL, SR, C.)

The delay time range for SL/SR is 0 to 15 ms and 0 to 5 ms for center.

Adjust delay time on selected channel by pressing **D TIME +** or **D TIME -** on the remote control.

Surround Speaker Delay

Delay calibration for the surround speaker is necessary when the surround speakers are placed quite close to the listener. The type of placement would probably ruin the sound quality of your movie. To correct this problem, press **DELAY Button** repeatedly until SL/SR appear on the display. Increase the time delay of the surround speakers by pressing **D TIME +** until you are able to hear a 3D sound effect coming from surround speakers.

Press **DELAY Button** again will circle to next channel.

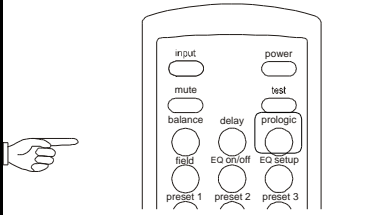
D	o	l	b	y	D	i	g	i	t	a	l	C	o
D	E	L	A	Y	S	L	5	m	s				

D	o	l	b	y	D	i	g	i	t	a	l	C	o
D	E	L	A	Y	S	R	5	m	s				

Press **D TIME +** or **D TIME -** will increase or decrease the delay time for current channel.

D	o	l	b	y	D	i	g	i	t	a	l	C	o
D	E	L	A	Y	S	R	6	m	s				

DD-5.1 Operation – Pro Logic Mode

Pro Logic Mode	
	Your DD-5.1 will automatically switch to Pro logic mode when it detects the Pro logic signal. With other signal inputs, you can select the Dolby Pro Logic mode by pressing Prologic Button on the remote. Repeatedly pressing the Prologic Button will circle the Pro Logic mode in an order of "AUTO," "ALL PCM," "ENABLE" AND "DISABLE."

If Pro Logic signal is detected, DD-5.1 will switch to Pro Logic mode automatically, and the display shows the following information:

D	o	l	b	y	D	i	g	i	t	a	l	C	o
P	R	O	L	O	G	I	C	A	U	T	O		

If Stereo signal (either in analog or in digital form) is detected, DD-5.1 will switch to Stereo mode automatically. You can then have the stereo signal converted to Pro Logic mode by pressing the **Prologic Button** until you see the display with following information:

D	o	l	b	y	D	i	g	i	t	a	l	C	o
P	R	O	L	O	G	I	C	A	L	L	P	C	M

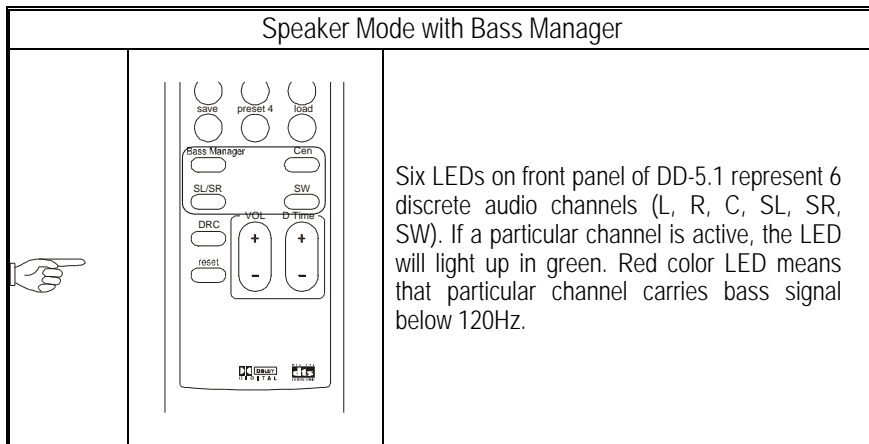
or

D	o	l	b	y	D	i	g	i	t	a	l	C	o
P	R	O	L	O	G	I	C	E	N	A	B	L	E

In case of converting Prologic or 2-channel Dolby Digital signal into Stereo mode, you can press the **Prologic Button** until you see the display with following information:

D	o	l	b	y	D	i	g	i	t	a	l	C	o	
P	R	O	L	O	G	I	C	D	I	S	A	B	L	E

DD-5.1 Operation – Speaker Mode with Bass Manager



Speaker Mode

By pressing **CEN** Button, center channel will be switched on/off, and LCD will display following information:

D	o	l	b	y	D	i	g	i	t	a	l	C	o
S	P	K	C									O	N

D	o	l	b	y	D	i	g	i	t	a	l	C	o	
S	P	K	C									O	F	F

By pressing **SL/SR** Button, surround channels will be switched on/off, and LCD will display following information:

D	o	l	b	y	D	i	g	i	t	a	l	C	o	
S	P	K	S	U	R								O	N

D	o	l	b	y	D	i	g	i	t	a	l	C	o	
S	P	K	S	U	R							O	F	F

By pressing **SW** Button, subwoofer will be switched on/off, and LCD will display following information:

D	o	l	b	y	D	i	g	i	t	a	l	C	o
S	P	K	S	W								O	N

D	o	l	b	y	D	i	g	i	t	a	l	C	o
---	---	---	---	---	---	---	---	---	---	---	---	---	---

S P K S W O F F

Bass Manager

By pressing **BASS MANAGER Button**, you can select among three different settings of Bass Config.1, Bass Config.2 and Bass Config.3. These selections will feed the bass signal below 120Hz to different speakers.

Bass Config.1

With this setting, bass signal below 120Hz will be sent to subwoofer; LEDs on front panel of DD-5.1 indicating SW will be in red, and LCD will show the following information:

**D o l b y D i g i t a l C o
B A S S C O N F I G . 1**

Bass Config.2

With this setting, bass signal below 120Hz will be sent to front left speaker, front right speaker and subwoofer; LEDs on front panel of DD-5.1 indicating L/R/SW will be in red, and LCD will show the following information:

**D o l b y D i g i t a l C O
B A S S C O N F I G . 2**

Bass Config.3

With setting, bass signal below 120Hz will be sent to all speakers; LEDs on front panel of DD-5.1 indicating L/R/SL/SR/SW channels will be in red.


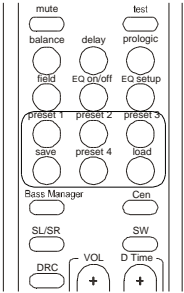
**D o l b y D i g i t a l C o
B A S S C O N F I G . 3**

Bass Config. Off

With this setting, bass signal below 120Hz will be sent to all speakers; LEDs on front panel of DD-5.1 indicating L/R/C/SL/SR/SW channels will be in red.

**D o l b y D i g i t a l C o
B A S S C O N F I G . O F F**

DD-5.1 Operation – Saving Presets

Setting Presets	
	 <p>The DD-5.1 allows you to customize up to 4 settings. This function allows you to program, save and load your favorite configurations at any time you want.</p>

Preset settings:

Press the **PRESET 1** Button will display:

D o l b y D i g i t a l C o
P R E S E T 1

Press **SAVE** Button to save all current decoder settings into Preset 1.

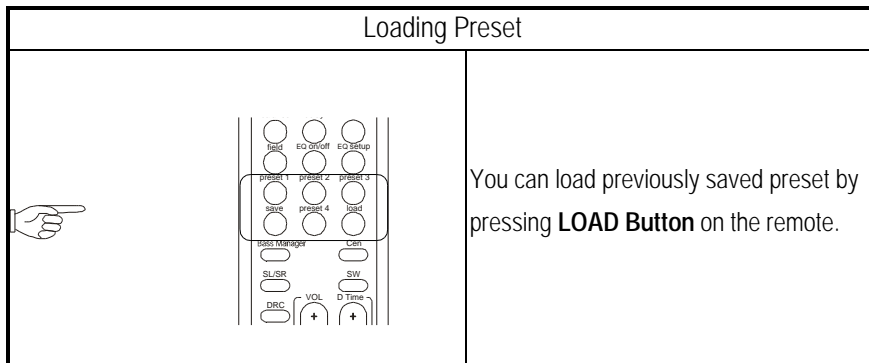
D o l b y D i g i t a l C o
P R E S E T 1 S a v i n g

D o l b y D i g i t a l C o
P R E S E T 1 S a v e d

When complete, DD-5.1 will shift back to Auto Decode mode.

D o l b y D i g i t a l C o

DD-5.1 Operation – Loading Preset



Preset 1:

Press any of the 4 preset buttons, (PRESET 1, PRESET 2, PRESET 3 or PRESET 4), the display will show the following information:

D o l b y D i g i t a l C o
P R E S E T 1

Press **LOAD Button** to execute.

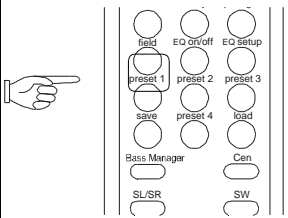
D o l b y D i g i t a l C o
P R E S E T 1 L O A D I N G

D o l b y D i g i t a l C o
P R E S E T 1 L O A D E D

When preset loading is completed, DD-5.1 comes back to Auto Decode mode.

D o l b y D i g i t a l C o

DD-5.1 Operation – Sound Field Processing

DSP Sound Field	
	<p>The DD-5.1 is equipped with a sound field processor that gives you six different field effects including Disable, Hall, Theater, Stadium, Club, and Church. By pressing Field Button on the remote, you can select among these effects. Furthermore, you can increase or decrease the Reverb value from 0 – 9 by pressing VOL + or VOL - on the remote control.</p>

Press **Field Button** will display the current setting of Sound Field mode.

D o l b y D i g i t a l C o
D I A B L E R e v e r b 0

D o l b y D i g i t a l C o
H A L L R e v e r b 3

D o l b y D i g i t a l C o
T H E A T E R R e v e r b 3

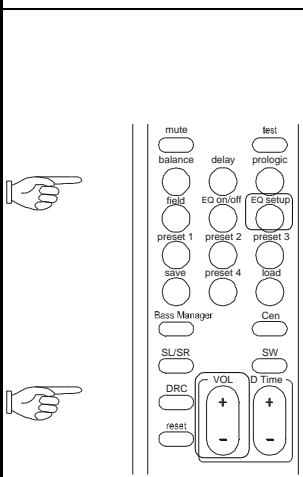
D o l b y D i g i t a l C o
S T A D I U M R e v e r b 3

D o l b y D i g i t a l C o
C L U B R e v e r b 3

D o l b y D i g i t a l C o
C H U R C H R e v e r b 3

DD-5.1 Operation – Equalization

5-Band Equalization



The DD-5.1 features an on board 5-band equalizer which allows you to fine tune the sound of your favorite movie/music. Press **EQ SETUP Button** on the remote to activate it. Repeatedly pressing **EQ SETUP Button** will circle among 5 bands.

Each band of the equalizer allows a range of $\pm 10\text{dB}$ in volume adjustment. By pressing **VOL +** or **VOL -** on the remote control to achieve your desired volume.

After setup the desired volume for each EQ bank, you must press **EQ SETUP Button** again to enable the new EQ setting.

Press **EQ ON/OFF Button** to execute the new EQ setting.

Press the **EQ SETUP Button** will display the current setting of EQ Band 1.

D	o	l	b	y	D	i	g	i	t	a	l	C	o
E	Q	B	A	N	D	1	0	d	B				

Press the **EQ SETUP Button** again will circle to next EQ Band.

D	o	l	b	y	D	i	g	i	t	a	l	C	o
E	Q	B	A	N	D	2	0	d	B				

Press the **Vol+** or **Vol-** will increase or decrease the volume for current EQ Band.

D	o	l	b	y	D	i	g	i	t	a	l	C	o
E	Q	B	A	N	D	2	+	0	1	d	B		

Press **EQ SETUP Button** to enable the new EQ setting.

Press **EQ ON/OFF Button** to execute the new EQ setting.

DD-5.1 Operation – DRC (Dynamic Range Compression)

DRC	
	<p>DD-5.1 features Dynamic Range Compression (DRC), its sophisticated technology creates realistic sound fields with richly detailed sound that is remarkably free from distortion. Repeatedly pressing DRC button will circle among 3 modes, and the 3 modes are explained as below:</p> <p>"NO" means no compression is performed to the original audio signal, this gives listener the greatest dynamic range.</p> <p>"HALF" means the audio signal is partially compressed, this function is useful if DD-5.1 is connected to an external amplifier.</p> <p>"FULL" means the audio signal is completely compressed, this function is useful if DD-5.1 is connected to an external amplifier.</p>

Press the **DRC Button** will display the current setting of Dynamic Range Compression mode.

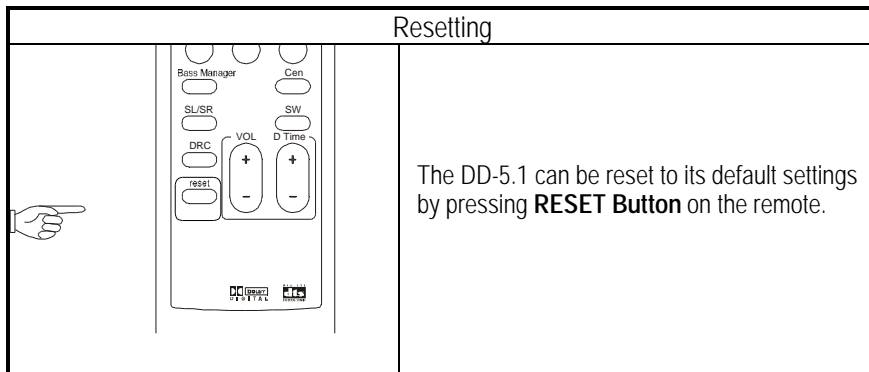
D	o	l	b	y	D	i	g	i	t	a	l	C	o
D	y	n	a	m	i	c						N	O

Press the **DRC Buttons** again will circle the DRC mode.

D	o	l	b	y	D	i	g	i	t	a	l	C	o		
D	y	n	a	m	i	c						F	U	L	L

D	o	l	b	y	D	i	g	i	t	a	l	C	o		
D	y	n	a	m	i	c						H	A	L	F

DD-5.1 Operation – Resetting



Press the **RESET Button** will reset the DD-5.1 to its factory default settings.

D o l b y D i g i t a l C o
R E S E T t o F a c t o r y

When reset completed, DD-5.1 comes back to Auto Decode mode.

D o l b y D i g i t a l C o
S U R R O U N D

Troubleshooting

This section is to help you solve the problems you might encounter. Common questions and answers regarding installation and connection are listed below for your reference. In case these methods do not solve the problem, contact Technical Support for further assistance.

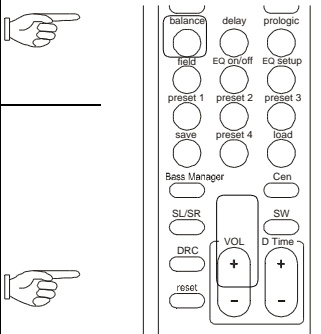
Problem	Cause	Remedy
No Sound	Speaker not properly connected	Check cables for shorts or open connections
	With incorrect input mode	Select proper audio source (Digital or Analog)
	Amplifier is off/malfunction	Check your amplifier
	Speaker defective	Replace speaker
Weak sound	Volume control down	Turn up volume control
	Speaker cable shorted or have broken strands	Check cables
Buzzing sound	Speaker cable (wire) shorted	Check cable wiring
	Defective speaker	Replace speaker
No balance control	Check balance control setting	Adjust balance control
Excessive highs or lows	Speaker out of circuit	Check speaker

Amendment

DD-5.1 Operation – Balance Setting

Balance

Balance button



Users can customize the volume setting of each individual channel.

To select a channel, press **BALANCE Button** on the remote control. Press this button repeatedly until desired channel is reached.

Adjust volume on selected channel by pressing **VOL +** or **VOL -** on the remote control, exempt from the condition during 0 dB (max level). As to perform wished setting, it is suggested to adjust the waster volume, while the center remain 0 dB, and to decrease the individual channels as wished.

Example:

Press **BALANCE Button** will display the current balance volume for channel L.

D	o	l	b	y	D	i	g	i	t	a	l	C	o	
B	A	L	A	N	C	E	L					0	d	B

Press **BALANCE Button** again will circle to next channel.

D	o	l	b	y	D	i	g	i	t	a	l	C	o	
B	A	L	A	N	C	E	R					0	d	B

Press **VOL +** or **VOL -** will increase or decrease the balance volume for selected channel.

D	o	l	b	y	D	i	g	i	t	a	l	C	o			
B	A	L	A	N	C	E	R					-	0	1	d	B

Warranty

U.S. AND CANADA

KLIPSCH, LLC ("KLIPSCH") warrants this product to be free from defects in materials and workmanship (subject to the terms set forth below) for a period of one (1) year from the date of purchase. During the warranty period, KLIPSCH will repair or replace (at KLIPSCH's option) this product or any defective parts. Proof of purchase in the form of a bill of sale or receipted invoice, which is evidence that this product is within the warranty period, must be presented or included to obtain warranty service.

This warranty does not cover damage due to misuse, abuse, negligence, acts of God, accident, commercial use or modification of, or to any part of this product. This warranty does not cover damage due to improper operation, maintenance or installation, or attempted repair by anyone other than KLIPSCH or someone authorized by KLIPSCH to do warranty work. Any unauthorized repairs will void this warranty. This warranty does not cover products sold AS IS or WITH ALL FAULTS. This warranty is invalid if the factory applied serial number or date stamp has been altered or removed from this product.

This warranty is only valid for the original purchaser and will automatically terminate prior to expiration if this product is sold or otherwise transferred to another party.

REPAIR OR REPLACEMENTS AS PROVIDED UNDER THIS WARRANTY ARE THE EXCLUSIVE REMEDY OF THE CONSUMER. KLIPSCH SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT. EXCEPT TO THE EXTENT PROHIBITED BY LAW. THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER EXPRESS AND IMPLIED WARRANTIES WHATSOEVER, INCLUDING BUT NOT LIMITED TO, THE WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PRACTICAL PURPOSE.

Some states do not allow the exclusion or limitation of incidental or consequential damages or implied warranties so the above exclusions may not apply to every customer. This warranty gives you specific legal rights, and you may have other rights which vary from State to State.

To obtain warranty service, please follow these directions:

1. If you purchased this product from a retail store, please return this product to such store in its original packaging along with proof of purchase.
2. If you purchased this product from a computer manufacturer, please contact that manufacturer.
3. For purchases made through www.klipsch.com, please call KLIPSCH Customer Service at 1-888-554-5665. Product may only be returned to KLIPSCH after a Return Authorization number has been obtained from KLIPSCH.

Returned product must be shipped, freight prepaid to KLIPSCH in either its original packaging or packaging affording an equal degree of protection along with proof of purchase.

OUTSIDE THE U.S. AND CANADA

The warranty on this product if it is sold to a consumer outside of the United States or Canada shall comply with applicable law and shall be the sold responsibility of the distributor that supplied this product. To obtain any applicable warranty service, please contact the dealer from which you purchased this product, or the distributor that supplied this product.