

# Klégg

DYNAMIC FIDELITY SYSTEMS

## *M6 501P*

H O M E C I N E M A

### DIGITAL DECODER



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### Acknowledgment & Trademark

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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 your 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.*

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

Model Number: \_\_\_\_\_ Serial Number: \_\_\_\_\_

Purchase Date: \_\_\_\_\_ Dealer Name: \_\_\_\_\_

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## Introduction

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Thank you for purchasing the Klegg M6 501P Surround Sound Decoder. This versatile audio surround sound system has been precisely designed 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 M6 501P automatically detects the type of signal present at each input and decodes it based on the original encoded software. The M6 501P allows you to connect virtually any audio input source such as TV, VCR, CD-ROM, DVD Player, LD Player, Stereo Receiver, PC and Game Consoles (Nintendo<sup>®</sup>, Sony PlayStation<sup>®</sup>, and SEGA<sup>®</sup>). The Klegg M6 501P is a truly a dynamic multimedia theater center.

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## Checking Package Contents

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Carefully unpack the **Klegg M6 501P** Surround Sound Decoder from the package and locate its contents.

M6 501P Surround Sound Decoder	x 1
M6 501P Owner' s Manual	x 1
M6 501P Remote Control	x 1
AC Adapter for Decoder (DC 12V, 1A)	x 1

**Note:** Be sure to inspect the M6 501P for signs of damage resulting from shipping and handling. If you notice any damage or find any items missing, **please contact your local dealer immediately.**

## **M6 501P 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. Note all instructions and warnings marked on the unit.
2. Always use the correct line voltage. Please refer to page 6 and locate the correct power requirement for 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. Do not block the openings on either side of the case.
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 inspection.
7. Only qualified service personnel should open this unit.
8. Removing covers will expose you to hazardous voltages.
9. Do not overload wall outlets or extension cords 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 trodden on or pinched by items placed on or against them, paying particular attention to plug fittings at the wall outlets and at the point at which they exit from the unit.

## Safety Voltage Chart:

The following chart details the correct AC adapter for your country:

Device	Input		Output	Area
	Voltage	Frequency		
M6 501P	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 M6 501P.
- ✂ Carefully unpack the M6 501P and its accessories from the transit packaging.
- ✂ Place the M6 501P on a flat, stable surface, preferably on a TV shelf or similar. Allow at least 10cm clear on all sides of the unit for ventilation.
- ✂ Locate the M6 501P near your source equipment so you can use the shortest possible interconnect cables. Keep your M6 501P away from moisture sources such as open windows and heat sources such as hot air ducts or radiators. Also, keep the unit away from direct sunlight since it could interfere with the remote control sensor.
- ✂ The M6 501P Surround Sound Decoder has been designed to be ultimately flexible accepting both digital and analog audio signals from CD Players, VCR, DVD players, TV monitor, Computer and Game Consoles (Nintendo N64, Sega Dream Cast, SONY PlayStation II etc.)
- ✂ The M6 501P can also be connected to an external amplifier, or the Klegg M6 501R Amplified Home Theater Speaker System as detailed on page 9 and 10.

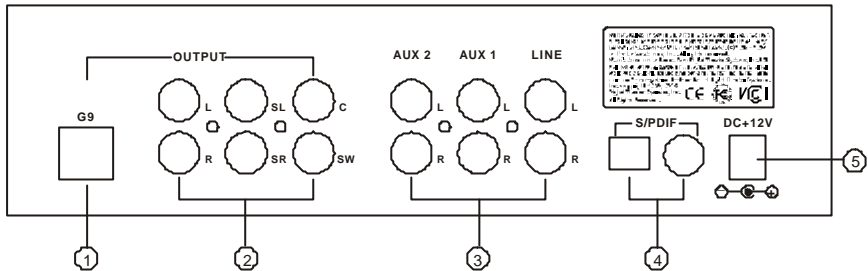
## M6 501P Front Panel



1. The POWER Button  
This button turns M6 501P 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. A RED LED light means this particular channel has been set to output a wide frequency range that contains bass signals between 20Hz to 120Hz. A GREEN LED light means this particular channel does not contain the bass signal between 20Hz to 120Hz. When connecting to the Klegg M6 501R Home Theatre Speaker System the Subwoofer channel should be the only RED LED. All other channels should be set to narrow frequency bandwidth and should display GREEN (see page 23).
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 indicators on the display in order to ensure correct operation of the system.



## M6 501P Real Panel



M6 501P Real Panel

### 1. G9 Audio Output:

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 a control center or power amplifier.

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.

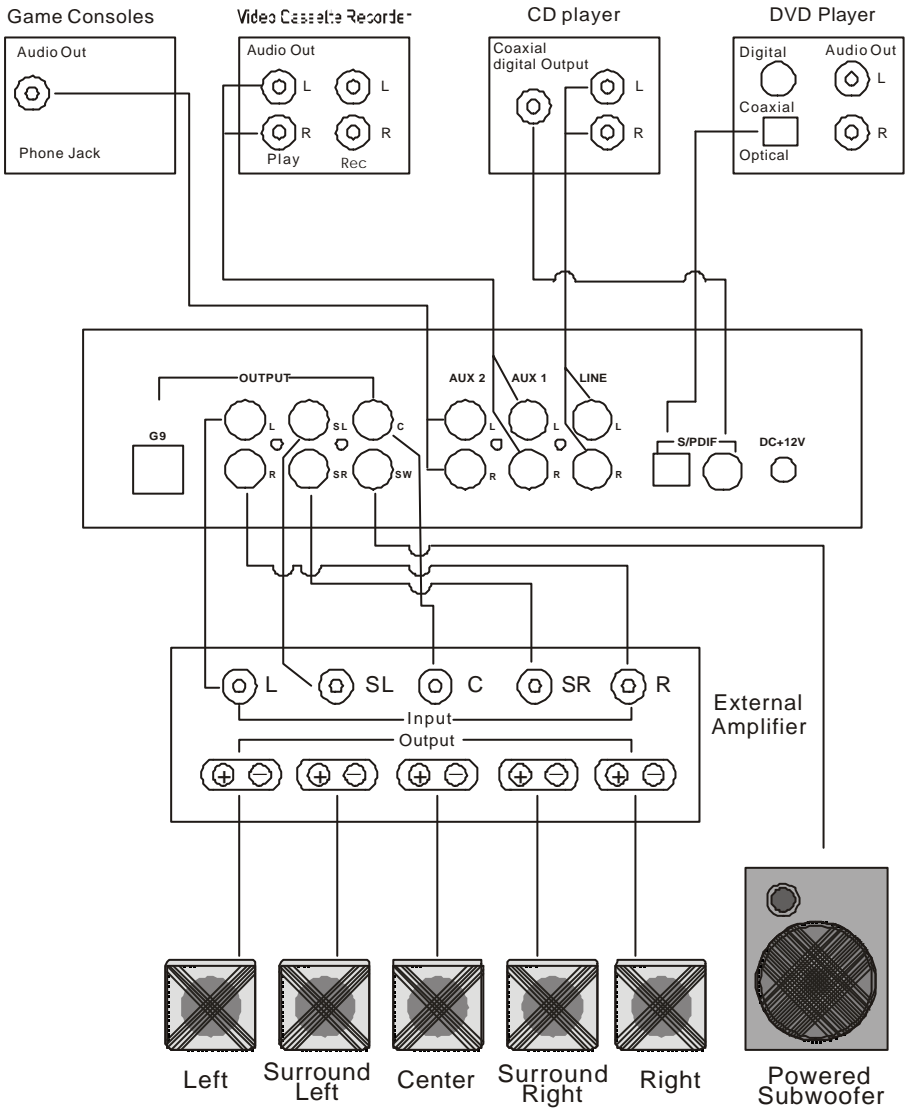
### 4. S/PDIF Digital Inputs:

M6 501P accepts two types of digital inputs. One optical input and another coaxial input. Connect the digital outputs of the sound sources to these inputs.

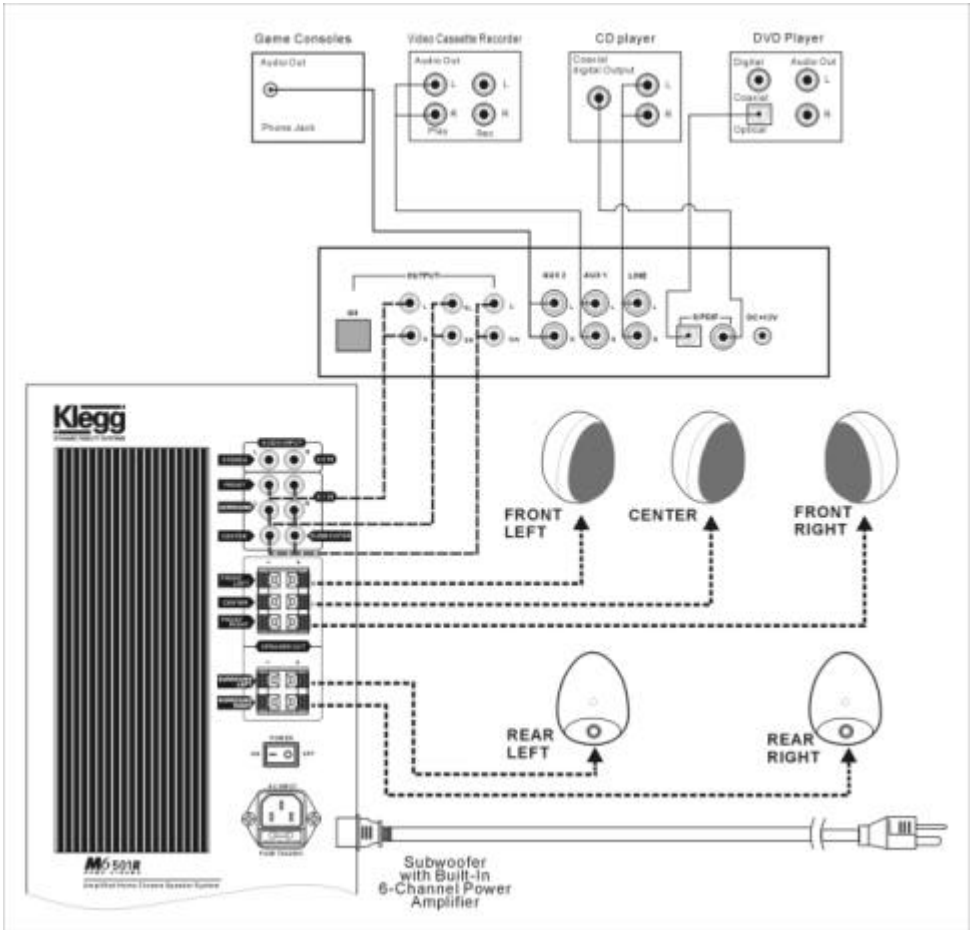
### 5. DC 12V Power Input:

Connect the M6 501P's adapter to an AC outlet. Please refer to page 6 to determine the correct voltage in your area.

# Connecting M6 501P (with External Power Amplifier)



# Connecting M6 501P (with the Klegg M6 501R Theater System)



1. After properly connecting M6 501P to your audio sources and amplifier, plug in M6 501P's AC adapter to an AC outlet.
2. Activate the M6 501P power by pushing the **POWER Button** on the front panel. Then, turn on the power for all audio sources, amplifier, and/or powered subwoofer.
3. Having completed the installation, get ready to experience true Dolby Digital or DTS surround sound right in your living room.

**Note:**

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

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## **EQ Band Settings for the Klegg M6 501R Home Theatre Speaker System**

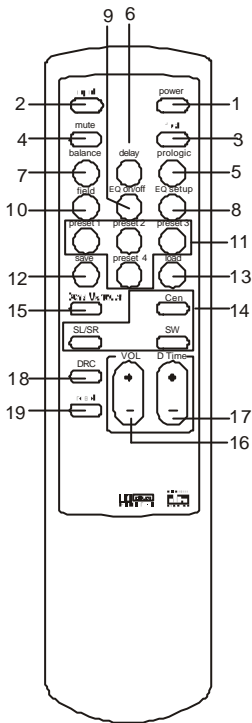
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The M6 501P allows precise adjustment of equalizer band settings (see page 28). Since each speaker system has its own individual properties, you may wish to experiment with these settings to attain your desired output reproduction. If you are connecting the M6 501P to the Klegg M6 501R Home Theatre Speaker System, you may wish to start with an EQ Setup as follows:

- ?? BAND 1: + 8dB
- ?? BAND: 2 + 9dB
- ?? BAND: 3 + 7dB
- ?? BAND: 4 + 8dB
- ?? BAND: 5 + 9dB

These are settings are for general guidance only. The acoustics of your own living room and desired listening levels will mean your own set up will provide the best results.

## M6 501P Remote Control



1. **POWER Button**  
On/Off key.
2. **INPUT MODE Button**  
Select from 5 different source inputs.
3. **TEST Button**  
5.1 channel test tone activation.
4. **MUTE Button**  
Temporarily disable signal output.
5. **PROLOGIC Button**  
Select up to 4 different surround settings.

6. **DELAY Button**  
Select the desired channel to adjust the time Delay.
7. **BALANCE Button**  
Volume settings for all 6 channels.
8. **EQ SETUP Button**  
Select up to 5 EQ Band Settings\* (see page 11).
9. **EQ ON/OFF Button**  
Activate the selected EQ Band Setting.
10. **FIELD Button**  
Choose from 6 different sound fields.
11. **PRESET Button (P1, P2, P3, P4)**  
Store up to 4 different user settings.
12. **SAVE Button**  
Store user settings into a selected preset.
13. **LOAD Button**  
Activate user settings stored in selected preset.
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 Button** 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.
15. **BASS MANAGER Button**  
Switches among three bass configurations (bass config. 1, bass config. 2 and bass config. 3).
16. **VOL + and VOL -**  
Increase/decrease the volume.
17. **D TIME Button**  
Increase/decrease the delay time.
18. **DRC Button**  
Choose from 3 different compression ratios of the dynamic range.
19. **RESET Button**  
Press this button to reset the system to its factory default settings.

## **M6 501P Operation**

In the following pages we have provided detailed operation explanations to guide you through the proper setup and operation of the M6 501P. As you might have noticed, there is only a POWER ON/OFF button on the front panel. The M6 501P has been purposely designed for user-friendly remote control operation. All functions and settings of the M6 501P are operated from the remote control.

### **M6 501P Operation – LCD and LEDs**

1. Press the power button to turn the M6 501P on, press it again to turn it off.
2. When power is turned off using the power button the M6 501P will do the following:
  - a. Both LCD display and Speaker Configuration LEDs will switch off.
  - b. Power indicator LED will remain on.
  - c. Decoder status and user configurations will be memorized.
  - d. Once the power is turned on again the M6 501P will resume to its previous decoder status and user configurations.
3. When power is turn off from the mains supply the M6 501P will do the following:
  - a. LCD display, Power Indicator LED and Speaker Configuration LEDs will switch off.
  - b. Decoder status and user configurations will be lost.
  - c. The M6 501P will reset to factory default settings at resumption of power supply.

## M6 501P Operation – LCD Display

### Auto Decode Mode (Auto Detect Input Stream Type)

When the M6 501P is turned on it automatically detects and differentiates the audio signal coming from source unit.

Playing a DVD with Dolby Digital (AC3) encoding will display the following information:

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

Playing a DVD with DTS encoding will display the following information:

<b>D T S</b>	<b>C O A X I A L</b>
<b>S U R R O U N D</b>	

Playing a DVD, CD, LD, VCR and Games with analog outputs connected to the analog inputs (LINE, AUX1 & AUX2) of the M6 501P will display the following information:

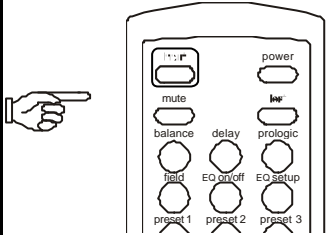
<b>P C M</b>	<b>L I N E I N</b>
<b>S T E R E O</b>	

## M6 501P Operation – Mode Selection

### Surround Processing Modes:

The versatile Klegg M6 501P surround sound processor is capable of processing both the digital and analog audio signals from today' s A/V equipment. Ensure all equipment is connected properly and the M6 501P will automatically detect the type of digital signal present at the appropriate digital input.

## M6 501P Operation – Input Selection

Input Selection	
	<p>The M6 501P can be connected up to 5 audio sources. Select the input source feeding the M6 501P by repeatedly pressing the <b>INPUT Button</b> on the remote control until the desired setting is reached.</p>

In the **Digital Mode** (Dolby Digital / DTS) you can manually select the digital audio input source from either the coaxial or optical input depending on the type of audio output source.

If **“COAXIAL”** is selected the M6 501P will display the following information:

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

If **“Optical”** is selected the M6 501P will display the following information:

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

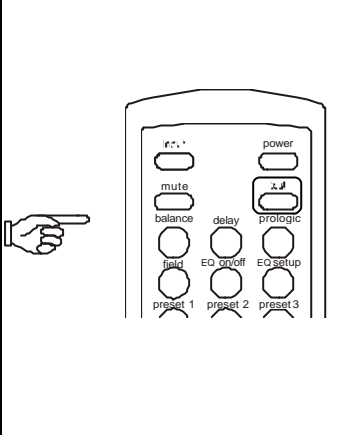
In the **PCM mode**, you can choose from 3 sets of audio input sources such as CD Player, VCR, game consoles etc. (See page 8 or page 9 for reference). The M6 501P will display the following information:

<b>P C M</b>	<b>L I N E I N</b>
<b>S T E R E O</b>	

<b>P C M</b>	<b>A U X 1</b>
<b>S T E R E O</b>	

<b>P C M</b>	<b>A U X 2</b>
<b>S T E R E O</b>	



Test Mode	
	<p>After completing the installation, press the <b>TEST Button</b> 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 the <b>TEST Button</b> is pressed, white noise is emitted through all the satellite speakers in the order of L, C, R, SL, and SR channels for 2 seconds each. When completed the M6 501P returns to Auto Decode mode.</p>

When Test Mode is activated the M6 501P will display the following information in the following sequence:

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

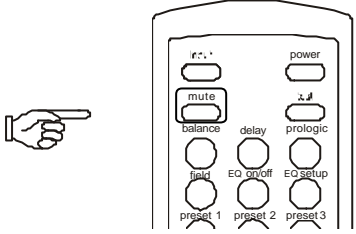
D o l b y   D i g i t a l   C o  
T E S T   C

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

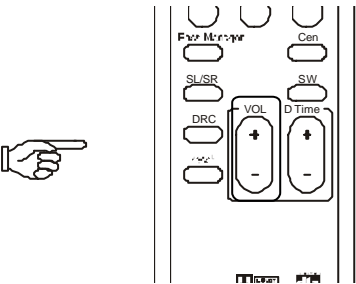
## M6 501P Operation – Mute Mode

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

When the **MUTE** Button is pressed the M6 501P will display 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**

## M6 501P Operation – Master Volume Control

Volume Setting	
	<p>To increase or decrease the Master Volume of the M6 501P simply press <b>VOL +</b> or <b>VOL -</b> on the remote control.</p>

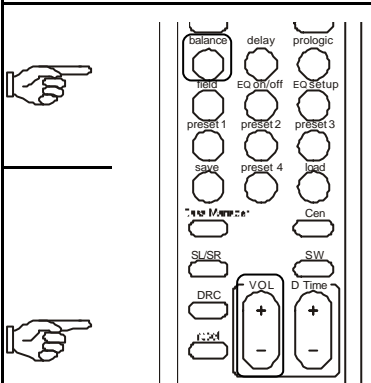
For example: if the volume is reduced by 3 decibels the M6 501P will display the following information:

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

## M6 501P Operation – Balance Setting

### Balance

### Balance Button



Users can customize the volume setting of each individual channel.

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

Adjust volume on selected channel by pressing **VOL +** or **VOL -** on the remote control.

### Example:

Press the **BALANCE Button** and the M6 501P 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

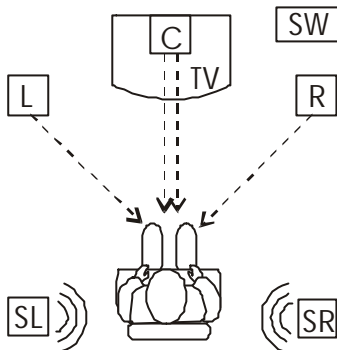
Press the **BALANCE Button** again and the M6 501P will cycle to next channel:

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

Pressing **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

## M6 501P Operation – Delay Calibration

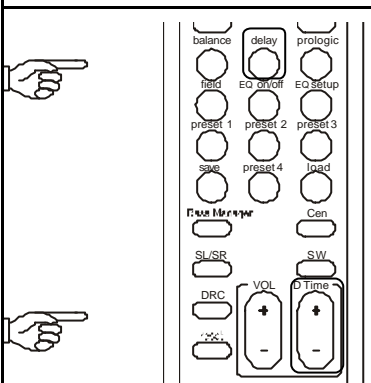


The ideal listening position is defined below:

- ✂✂ 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 behind the listener and above listener's ear level.
- ✂✂ If speaker placement is restricted due to the physical environment of the room, delay calibration may be necessary to achieve the ideal listening environment.
- ✂✂ If the center speaker only can be placed in a position that is closer to the listener than that of the left and right speakers, the sound from the center speaker will be out of synchronization with front left and front right. This difference in sound arrival time will negatively affect the quality of the home theatre experience, even on the best DVD titles.
- ✂✂ Fortunately the M6 501P allows you to adjust the center speaker time delay to compensate for this problem by increasing the delay time for the center channel allowing sound from the center, left and right speakers reach the listener at the same time. If your center speaker is closer to the listening position than the left and right speakers, press the **DELAY Button** repeatedly until the Center channel is reached. To increase or decrease the delay time press **D TIME +** or **D TIME -** until the required distance is matched.
- ✂✂ The same procedure can be applied for adjusting the delay time of surround speakers if necessary.

## M6 501P Operation – Time Delay Adjustment of Center Channel Speaker

### Delay Calibration



The diagram shows a remote control with various buttons. Two hands are pointing to the 'delay' button (a button with a speaker icon) and the 'D Time' buttons (two buttons with '+' and '-' signs).

Press the **DELAY Button** to select the length of delay time for SL/SR/C channels. Repeatedly pressing the **DELAY Button** will allow you to choose from the 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 the delay time on the selected channel by pressing **D TIME +** or **D TIME -** on the remote control.

Press the **DELAY Button** and the M6 501P 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				

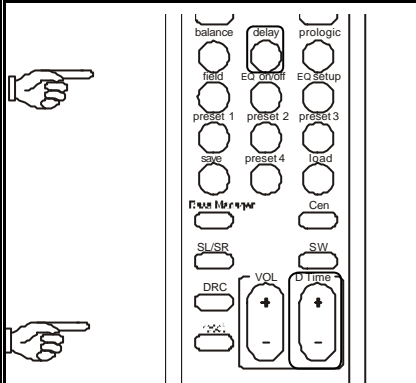
Press the **DELAY Button** again and the M6 501P will cycle to next channel.

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 and the M6 501P will increase or decrease the delay time for the 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				

## M6 501P Operation – Time Delay Adjustment on Surround Speakers

Delay Calibration	
	<p>Press <b>DELAY Button</b> to select the length of delay time for SL/SR/C channels. Repeatedly pressing the <b>DELAY Button</b> will allow you to select the 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 the delay time on the selected channel by pressing <b>D TIME +</b> or <b>D TIME -</b> on the remote control.</p>

### Surround Speaker Delay

Delay calibration for the surround speakers is necessary when the surround speakers are placed close to the listening position. Placing surround speakers too close to the listing position without adjusting the delay time will significantly reduce the quality of your movie soundtrack. To correct this problem, press the **DELAY Button** repeatedly until SL/SR appears 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 the **DELAY Button** again and the M6 501P will cycle to next channel:

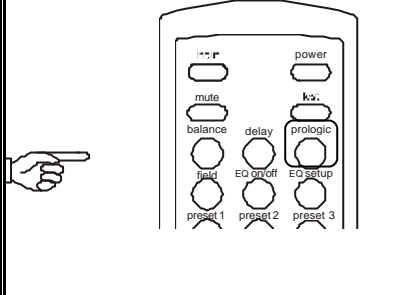
D	o	l	b	y	D	i	g	i	t	a	l	C	o
D	E	L	A	Y	S	L	5	m	s				

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

Pressing **D TIME +** or **D TIME -** will increase or decrease the delay time for the selected 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				

## M6 501P Operation – Pro Logic Mode

Pro Logic Mode	
	<p>Your M6 501P 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 <b>Prologic Button</b> on the remote. Repeatedly pressing the <b>Prologic Button</b> will cycle the Pro Logic mode in the order of: "AUTO", "ALL PCM", "ENABLE" and "DISABLE".</p>

If a Pro Logic signal is detected the M6 501P will switch to Pro Logic mode automatically and the following information is displayed:

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 a Stereo signal (either in analog or in digital form) is detected the M6 501P will switch to Stereo mode automatically. You can then convert the stereo signal to Pro Logic mode by pressing the **Prologic Button** until the display reads as follows:

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

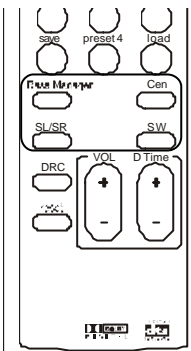
In the case of converting a Pro Logic or 2-channel Dolby Digital signal into Stereo mode, press the **Prologic Button** until the display reads as follows:

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

## M6 501P Operation – Speaker Mode with Bass Manager

Speaker Mode with Bass Manager





The six LEDs on the front panel of the M6 501P represent 6 audio channels: L, R, C, SL, SR, SW (otherwise known as 5.1). If a particular channel is active in narrow bandwidth mode the LED will light up in GREEN. A RED colour LED means that the particular channel also carries bass signals below 120Hz.

If you have small satellite speakers, ensure Speaker Mode indicates GREEN for the necessary speakers. RED is only for speakers capable of signals below 120Hz.

### Speaker Mode

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

By pressing the **SL/SR Button** the surround channels will be switched on/off and the LCD will display the 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					



By pressing the **SW Button** the subwoofer will be switched on/off and the LCD will display the 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 the **BASS MANAGER Button** you can choose from three different settings of: Bass Config.1, Bass Config.2 and Bass Config.3. These selections will feed bass signals below 120Hz to the appropriate speakers.

#### **Bass Config. 1**

With this setting bass signals below 120Hz will be sent to subwoofer. The LED on the front panel of the M6 501P indicating SW will be in red and the 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 signals below 120Hz will be sent to front left speaker, front right speaker and subwoofer. The LEDs on the front panel of M6 501P 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 this setting bass signals below 120Hz will be sent to all speakers. The LEDs on the front panel of M6 501P 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		

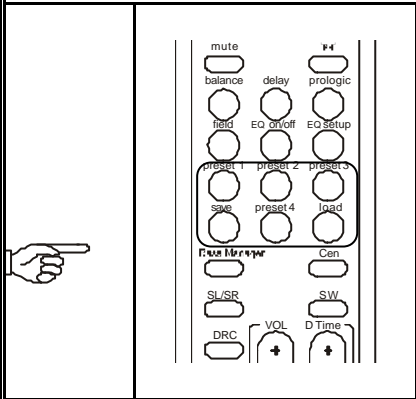
#### **Bass Config. Off**

With this setting bass signals below 120Hz will be sent to all speakers. The LEDs on the front panel of the M6 501P indicating L/R/C/SL/SR/SW channels will all 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

## M6 501P Operation – Saving Presets

### Setting Presets



The diagram shows the control panel of the M6 501P. It includes buttons for mute, balance, delay, prologic, field, EQ on/off, EQ setup, preset 1, preset 2, preset 3, save, preset 4, load, Preset Memory, Cen, SL/SR, SW, DRC, VOL, and D Time. A hand icon points to the 'preset 1' button.

The M6 501P allows you to customize up to 4 settings. This function allows you to program, save and load your favorite configurations at any time.

### Preset settings:

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

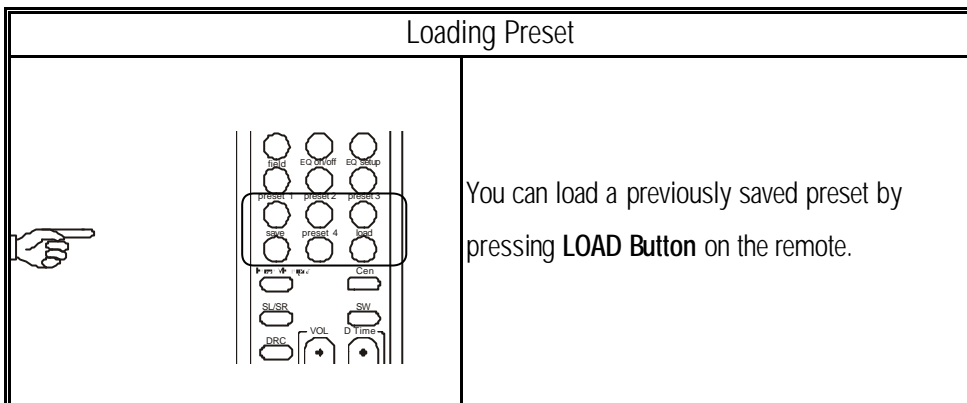
```
D o l b y   D i g i t a l   C o
P R E S E T   1   S a v i n g
```

```
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 the M6 501P will shift back to Auto Decode mode.

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

## M6 501P Operation – Loading Preset



### Preset 1:

Press any of the 4 preset buttons, (PRESET 1, PRESET 2, PRESET 3 or PRESET 4) and 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 the **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

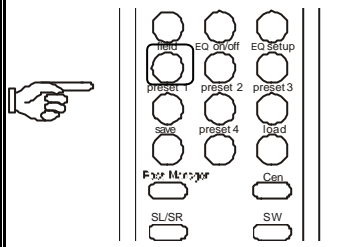
D o l b y   D i g i t a l   C o  
P R E S E T   1   L O A D E D

When preset loading is completed the M6 501P reverts to Auto Decode mode.

D o l b y   D i g i t a l   C o

## M6 501P Operation – Sound Field Processing

### DSP Sound Field



The M6 501P is equipped with a sound field processor that provides six different field effects including Disable, Hall, Theater, Stadium, Club, and Church. By pressing the **Field Button** on the remote you can select these effects.

Furthermore, you can increase or decrease the Reverb value from 0 – 9 by pressing **VOL +** or **VOL -** on the remote control.

Pressing the **Field Button** will display the current setting of the 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

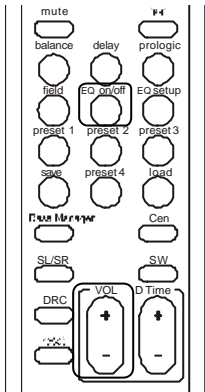
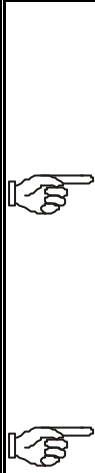
D o l b y   D i g i t a l   C o
S T A D I U M   R e v e r b   3

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

## M6 501P Operation – Equalization

### 5-Band Equalization



The M6 501P features an on board 5-band equalizer which allows you to fine-tune the sound of your favorite movie/music. Press the **EQ SETUP Button** on the remote to activate. Repeatedly pressing the **EQ SETUP Button** will cycle through the 5 bands.

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

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

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

Pressing 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				

Pressing the **EQ SETUP Button** again will cycle to the 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				

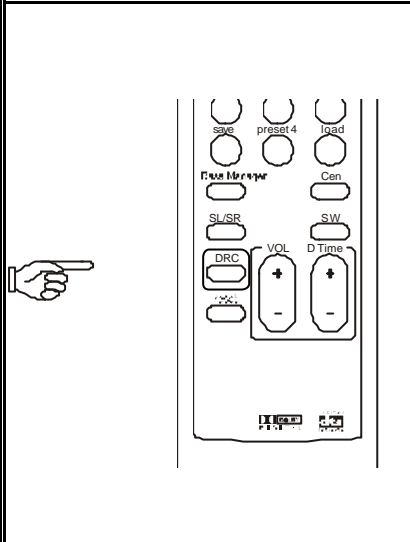
Pressing the **Vol+** or **Vol-** will increase or decrease the volume for the current EQ Band.

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

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

## M6 501P Operation – DRC (Dynamic Range Compression)

DRC	
	<p>The M6 501P features Dynamic Range Compression (DRC). This sophisticated technology creates realistic sound fields with rich, detailed sound that is remarkably free from distortion.</p> <p>Repeatedly pressing DRC button will cycle through 3 modes as detailed below:</p> <p>“<b>NO</b>” means no compression is performed to the original audio signal. This gives the listener the greatest dynamic range.</p> <p>“<b>HALF</b>” means the audio signal is partially compressed. This function is useful if the M6 501P is connected to an external amplifier.</p> <p>“<b>FULL</b>” means the audio signal is completely compressed. This function is also useful if the M6 501P is connected to an external amplifier.</p>

Press the **DRC Button** and the current setting of Dynamic Range Compression mode is displayed:

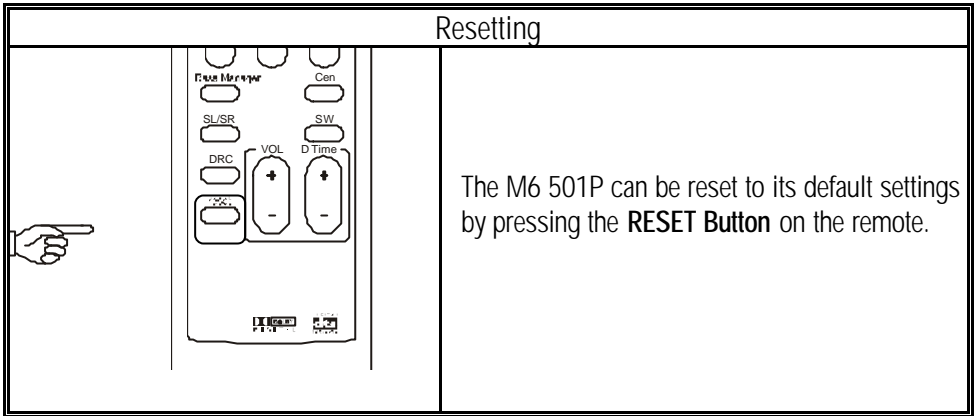
D	o	l	b	y	D	i	g	i	t	a	l	C	o
D	y	n	a	m	i	c						N	O

Pressing the **DRC Button** again cycles through the DRC modes:

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

## M6 501P Operation – Resetting



Pressing the **RESET Button** will reset the M6 501P 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 the reset is completed the M6 501P reverts 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 designed to help you solve possible problems you might encounter. Common questions and answers regarding installation and connection are listed below for your reference. In case these pointers do not solve the problem please contact your dealer or Klegg Customer Enquiries for further assistance.

<b>Problem</b>	<b>Cause</b>	<b>Remedy</b>
No Sound	<p>Speaker not properly connected</p> <p>Incorrect input mode</p> <p>Amplifier is off/malfunction</p> <p>Speaker defective</p>	<p>Check cables for shorts or open connections</p> <p>Select proper audio source (Digital or Analog)</p> <p>Check your amplifier</p> <p>Refer to speaker documentation</p>
Weak sound	<p>Volume control down</p> <p>Speaker cable shorted or has broken strands</p>	<p>Turn up volume control</p> <p>Check cables</p>
Buzzing sound	<p>Speaker cable (wire) shorted</p> <p>Mains power interference</p> <p>Defective speaker</p>	<p>Check cable wiring</p> <p>Check power cable is not running next to speaker cables. Connect power adapter to different wall socket.</p> <p>Refer to speaker documentation</p>
No balance control	Check balance control setting	Adjust balance control
Excessive highs or lows	Speaker out of circuit	Check speaker connections



## Warranty

Your Klegg M6 501P Surround Sound Processor comes with a one-year warranty from the date of purchase. This warranty does not cover any incompatibilities due to the user's hardware or any other related system configuration in which the M6 501P interfaces.

This warranty does not cover any damage caused by negligence, non-authorized modifications, or parts installed.

This warranty will not be valid if the product has been damaged by accident, abuse, misuse, or misapplication, nor as a result of servicing by anyone other than by the manufacturer or authorized personnel.

When you send in your product for service, make sure it is adequately cushioned to prevent damage during shipping. Include all components and accessories that came with your M6 501P so that the integrity of these pieces can also be verified by service center.

***Note: It is recommended that you ship your M6 501P fully insured and freight pre-paid. Units will not be accepted if they are damaged by poor handling during transit.***