

LSC-2004 Subwoofer Integrated Amplifier

With Dolby Digital, PL II And Dts Decode

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A. Unpacking

1. Check that you received the following items with the unit

- LSC-2004 Remote Handset.
- AC Power Cord.
- Double 4A batteries.

2. Inserting Batteries into the remote

- Insert two size-4A batteries with the + and – properly oriented in to the battery in the battery compartment. When using the remote, point it at the remote sensor on the display panel.

3. Before you get started

- Turn off the power to all components before making any connections.
- Do not connect the AC power cord until all of the connections are completed.
- Be sure to make connections firmly to avoid hum and noise.
- When connecting an audio cord, be sure to match the color-coded pins to the appropriate jacks on the components: white (left audio) to white; and red (right audio) to red.

B. Introduction to subwoofer amplifier of LSC-2004

- LSC-2004 is a home theater subwoofer amplifier with six channels amplifier and Dolby Digital, Dolby Pro Logic II, Dts decoder inside, you can use it to get 5.1 channels surround sound. You can connect to DVD player, PS2 and set-top box, you just need digital audio interface like optical or coaxial, you can enjoy multi-channels surround sound on your living room.

C. Display panel control

- **POWER STAND-BY / ON**

Press this bottom to turn ON or STAND-BY the amplifier.

ON:

When turn ON, system start working and STAND-BY indicator off.

STAND-BY:

When turn STAND-BY, system stop working and STAND-BY indicator on.

- **MUTE**

Press this bottom to disable or enable sound output.

ON:

When turn ON, LED display will blinking and sound stop output immediately.

OFF:

When turn OFF, LED display stable and sound output immediately.

- **SOURCE**

LSC-2004 has three groups input source select, two groups for digital audio input, one group for stereo input. Press this bottom to choice input source device, like OPTICAL, COAXIAL and LINE.

- **MODE**

Press this bottom to select listen mode, when stereo input can simulate 5.1 channels output.

PL II MUSIC: Dolby Pro Logic II Music Surround, this surround only for two channels input signal and suit to listen music sound.

PL II MOVIE: Dolby Pro Logic II Movie Surround, this surround only for two channels input signal and suit to listen movie sound.

HALL: Cirrus Logic DSP simulation surround, Let user listen like in the hall.

THEATER: Cirrus Logic DSP simulation surround, Let user listen like in the theater.

STADIUM: Cirrus Logic DSP simulation surround, Let user listen like in the stadium.

STEREO: This surround mode let any surround sound become stereo.

- **VOL+**

Press this bottom to increase sound output level, the maximum volume is 0 dB.

- **VOL-**

Press this bottom to decrease sound output level, the minimum volume is -80 dB.

D. Display and indicators

- **Three digits LED DISPLAY**

This display almost to display master volume, channel level and delay time depend on user controlled. When mute function enable, the display will blink.

『 』 - **1:** Theatre surround mode.

『 』 - **2:** Hall surround mode.

『 』 - **3:** Stadium surround mode.

- **STAND-BY Indicator**

When power turn on, this indicator off. When power turn off, this indicator on.

- **OPTICAL Indicator**

When change input source to OPTICAL channel, this indicator turn on.

- **COAXIAL Indicator**

When change input source to COAXIAL channel, this indicator turn on.

- **LINE Indicator**

When change input source to LINE channel, this indicator turn on.

- **DB**
Unit indicator for three digits display, when display volume or level, this indicator turn on.
- **MS**
Unit indicator for three digits display, when display delay time, this indicator turn on.
- **%**
Unit indicator for three digits display, when display dynamic range control, this indicator turn on.
- **Dolby Digital**
Source bitstream data format, when detect Dolby Digital bitstream data input, this indicator turn on.
- **Dts**
Source bitstream data format, when detect dts bitstream data input, this indicator turn on.
- **Pcm**
Source bitstream data format, when detect pcm bitstream data input, this indicator turn on.
- **PLII Music**
Surround mode indicator, when surround mode switch to PLII Music mode, this indicator turn on.
- **PLII Movie**
Surround mode indicator, when surround mode switch to PLII Movie mode, this indicator turn on.
- **STEREO**
Surround mode indicator, when surround mode switch to stereo mode, this indicator turn on.
- **LEFT, RIGHT, CENTER, LS, RS, SUBW Indicator**
Those indicators normally display sound output status, except level trim function enable. When level trim function enable, one of the indicator

blinking depend on user control channel.

E. Rear panel connection

- **OPTICAL jack**

This is a digital audio source input jack, connecting to DVD player, PS2 or other digital audio interface

- **COAXIAL jack**

This is a digital audio source input jack, connecting to DVD player, PS2 or other digital audio interface.

- **LINE jack**

This jack is source input jack, connecting to analog stereo output.

- **SPEAKER terminal**

LEFT, RIGHT, CENTER, LS, RS channel power amplifier output, connecting to speaker. + (red) connecting to speaker + (red), - (black) connecting to speaker – (black).

F. Remote control unit

- **POWER STAND-BY / ON**

Press this bottom to turn ON or STAND-BY the amplifier.

ON:

When turn ON, system start working and STAND-BY indicator off.

STAND-BY:

When turn STAND-BY, system stop working and STAND-BY indicator on.

- **MUTE**

Press this bottom to disable or enable sound output.

ON:

When turn ON, LED display will blinking and sound stop output immediately.

OFF:

When turn OFF, LED display stable and sound output immediately.

- **OPTICAL**

Select OPTICAL source input.

- **COAXIAL**
Select COAXIAL source input.
- **LINE**
Select LINE source input.
- **DIGITAL**
Press this bottom to select multi channel output surround mode.
- **PL II**
Press this bottom to select Pro Logic II surround mode, user can select PL II MUSIC and PL II MOVIE surround mode.
- **THEATER**
Press this bottom to select DSP surround mode to simulate theatre effect.
- **HALL**
Press this bottom to select DSP surround mode to simulate hall effect.
- **STADIUM**
Press this bottom to select DSP surround mode to simulate stadium effect.
- **STEREO**
Press this bottom to select two channels output surround mode.
- **LEVEL**
Press this bottom to select which channel want to adjustment then press VOL+ and VOL- to adjust. LEFT, RIGHT, CENTER, LS, RS, SUBW indicator blinking to display which channel be selected.
- **TEST**
Keep press this bottom 5 seconds to enable tone test function, the pink noise generated. Press this bottom again to change channel of pink noise generated, the pink noise generated from left, center, right, ls, rs and subw channel. LEFT, RIGHT, CENTER, LS, RS, SUBW indicator blinking to display which channel be selected.

- **C-DLY**
Press this bottom to adjust center delay time from 0ms to 5ms.
- **R-DLY**
Press this bottom to adjust rear delay time from 0ms to 15ms.
- **SPEAKER**
Press this bottom to select which channel want to adjustment, VOL+ and VOL- to adjust speaker configuration.
SML: Small speaker, satellite speaker.
OFF: No speaker connection.
ON: Subwoofer speaker connected.
- **DR**
Dynamic range control, press this bottom to adjust dynamic compression percentage 0%, 25%, 75% and 100%.
- **STATUS**
Press this bottom to get source bitstream status. If display “321”, “3” meaning is left, center, right. “2” meaning is ls, rs. “1” meaning is subwoofer.
- **VOL+**
Press this bottom to increase sound output level, the maximum volume is 0 dB.
- **VOL-**
Press this bottom to decrease sound output level, the minimum volume is -80 dB.

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