



**CANDY-X1B**  
**Digital**  
**Monoblock and**  
**Multi Channel**  
**Amplifiers**



## DS18 CANDY-X1B Digital Monoblock and Multi Channel Amplifiers Owner's Manual

[Home](#) » [DS18](#) » DS18 CANDY-X1B Digital Monoblock and Multi Channel Amplifiers Owner's Manual 

### Contents

- [1 DS18 CANDY-X1B Digital Monoblock and Multi Channel Amplifiers](#)
- [2 INSTRUCTIONS FOR FUNCTIONS AND CONTROLS](#)
- [3 SYSTEM WIRING](#)
- [4 TROUBLESHOOTING](#)
- [5 SPECIFICATIONS](#)
- [6 MEASUREMENTS](#)
- [7 Frequently Asked Questions](#)
- [8 Documents / Resources](#)
  - [8.1 References](#)



**DS18 CANDY-X1B Digital Monoblock and Multi Channel Amplifiers**



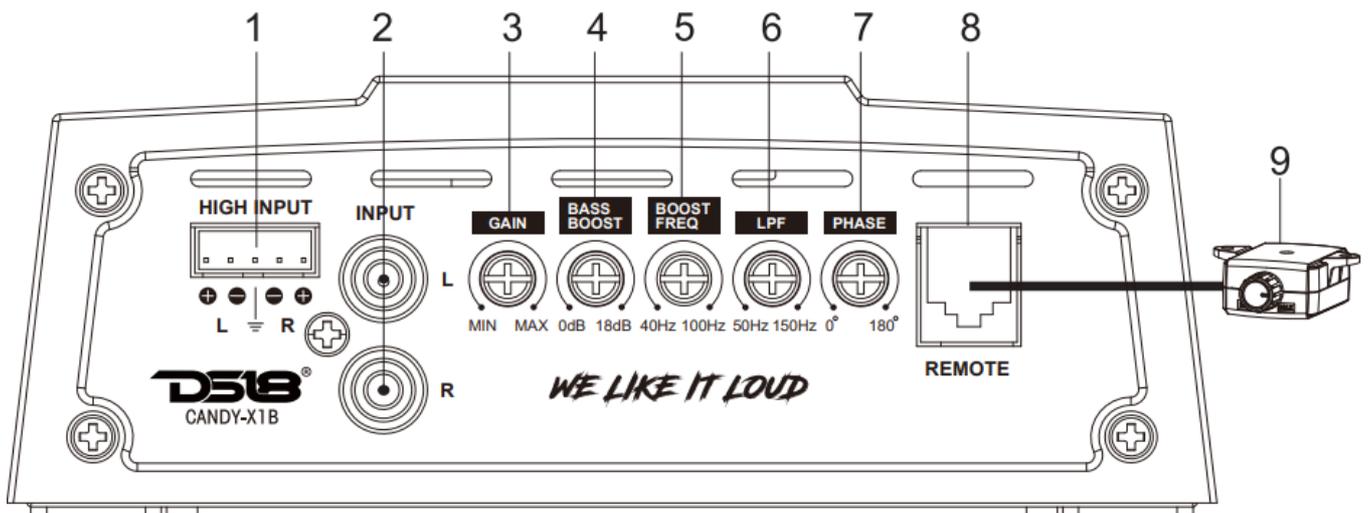
**candy-x1b / x2b / x4b / XXL4B / x5b / xxl1b**

**DIGITAL MONOBLOCK & MULTI-CHANNEL AMPLIFIERS**

Congratulations on purchasing this DS18 CANDY-X Class D Amplifier. The amplifier has been designed using the latest electronic technology available, allowing you to produce high quality stereo playback in mobile applications. This system provides low harmonic distortion, a considerable amount of reserve voltage, and high temperature stability

**INSTRUCTIONS FOR FUNCTIONS AND CONTROLS**

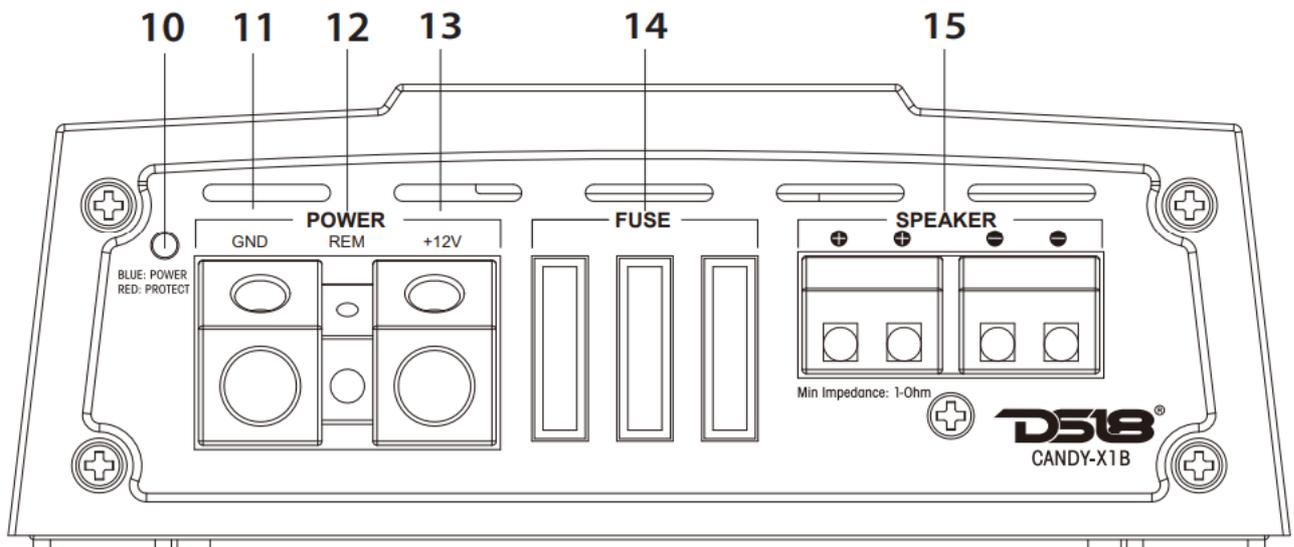
**candy-x1b / XXL1B**



1. HIGH INPUT: High level input terminals.  
Auto Turn-On/Off: When an input audio signal from the HIGH INPUT port is detected, the amplifier turns ON/OFF instead of using a REM cable from a source.
2. LOW INPUT: Left and right channels inputs of the amplifier system. Pre-amplifier outputs of a source (head unit,

CD player, DAT, etc.) or of an external electronic crossover must be connected to them.

3. GAIN: Knob for volume adjustment.
4. BASS BOOST: The boost ranges from 0dB to 18dB.
5. BOOST FREQUENCY: The boost frequency ranges from 40Hz to 100Hz.
6. LPF: Low pass frequency adjustment knob. The frequency ranges from 50Hz to 150Hz.
7. PHASE CONTROL: Phase adjusting switch. The phase ranges from 0° to 180°.
8. REMOTE CONTROLLER OUTLET: To be connected with the remote controller, which helps to boost the gain.  
Please turn the volume knob to maximum before using the remote.
9. REMOTE CONTROLLER: Volume level knob. The gain ranges from 0.2V to +6V.

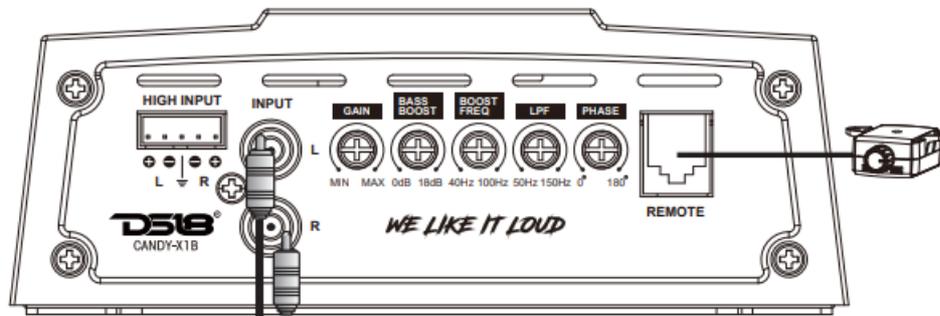


10. INDICATOR LIGHT: When the power LED emits a blue light, it means that the amplifier is on and functioning properly. When the LED emits a red light, the amplifier's self-protection mode is activated. (Refer to the troubleshooting section)
11. GND: Ground terminal. Connect to the car chassis. Keep the length of the ground cable to a minimum.
12. REM: The Terminal to be connected with a Remote cable, which comes from the source and controls the amplifier switching on. The applied voltage must be between 10 and 15V DC.
13. +12V: Anode of power connection terminals. Connect to the anode of the car battery.
14. FUSE: Standard automatic fuse. You must use the same power fuse if you need to change it.
15. SPEAKER: Speaker connecting terminals.

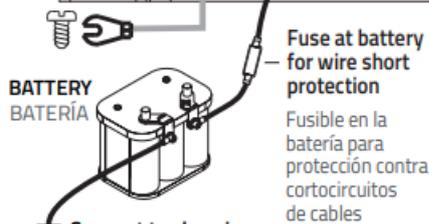
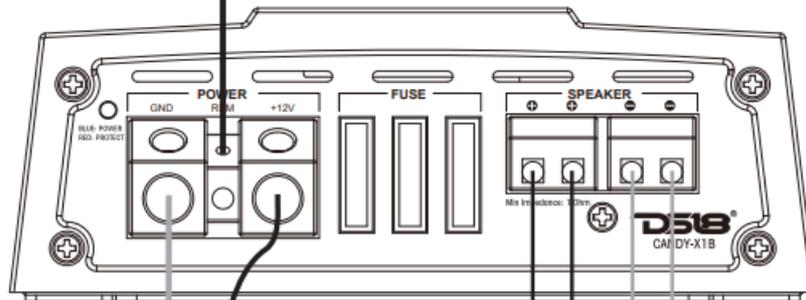
## SYSTEM WIRING

### SYSTEM WIRING: 2 SPEAKER CONFIGURATION

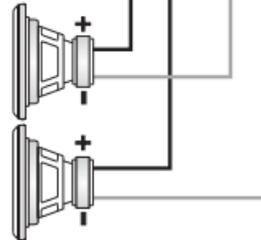
**candy-x1b / XXL1B**



Connect to remote turn-on lead of source unit.  
 Conéctelo al cable de encendido remoto de la unidad fuente.



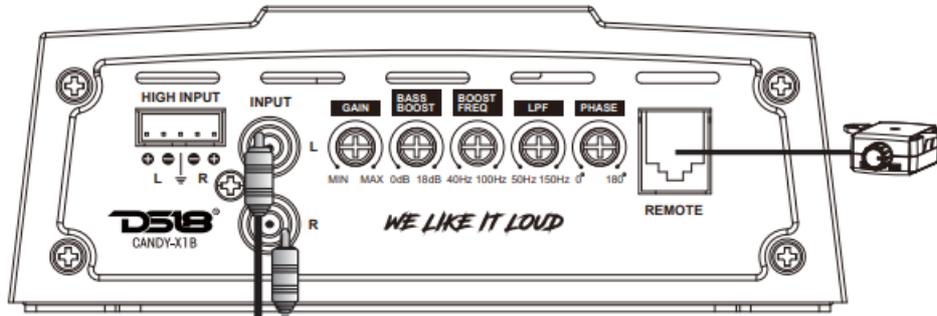
Connect to chassis ground of vehicle.  
 Conectar a tierra del chasis del vehículo.



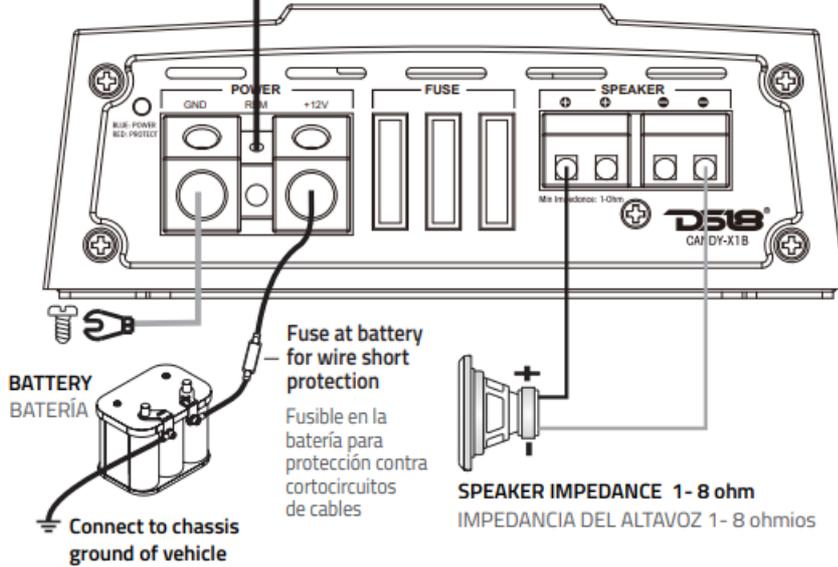
SPEAKER IMPEDANCE 2- 8 ohm  
 IMPEDANCIA DEL ALTAVOZ 2- 8 ohmios

## SYSTEM WIRING: SINGLE SPEAKER CONFIGURATION

candy-x1b / XXL1B



Connect to remote turn-on lead of source unit.  
 Conéctelo al cable de encendido remoto de la unidad fuente.



BATTERY  
BATERÍA

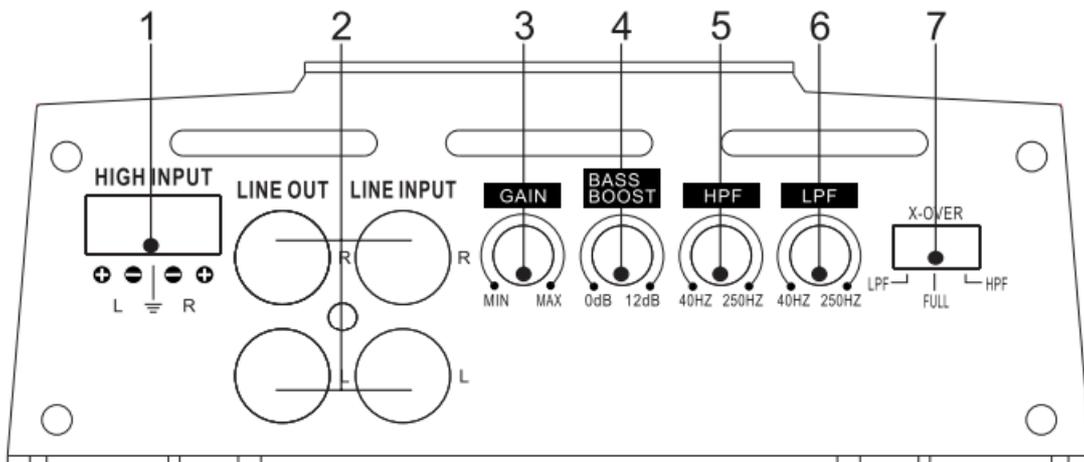
Fuse at battery for wire short protection  
 Fusible en la batería para protección contra cortocircuitos de cables

SPEAKER IMPEDANCE 1-8 ohm  
 IMPEDANCIA DEL ALTAVOZ 1- 8 ohmios

Connect to chassis ground of vehicle

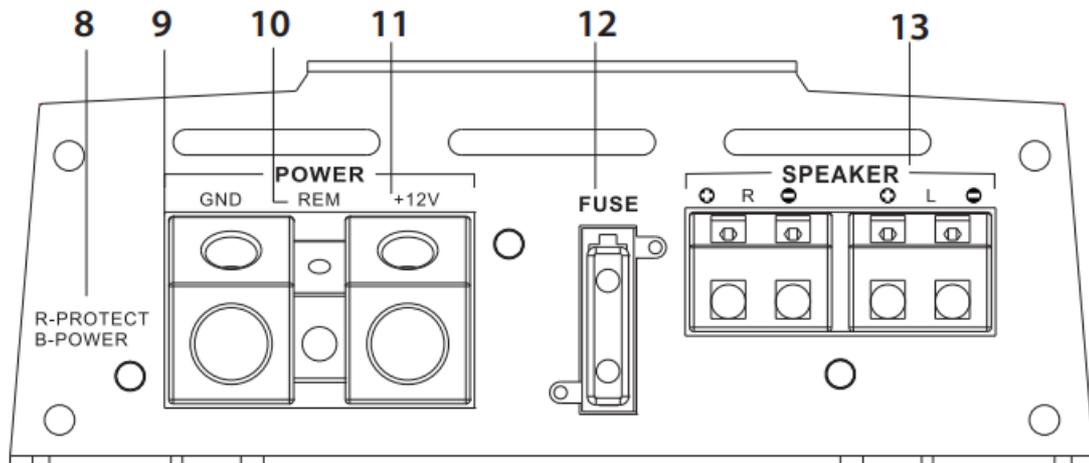
## INSTRUCTIONS FOR FUNCTIONS AND CONTROLS

### candy-x2b



1. HIGH INPUT: High level input terminals. Auto Turn-On/Off: When an input audio signal from the HIGH INPUT port is detected, the amplifier turns ON/OFF instead of using a REM cable from a source.

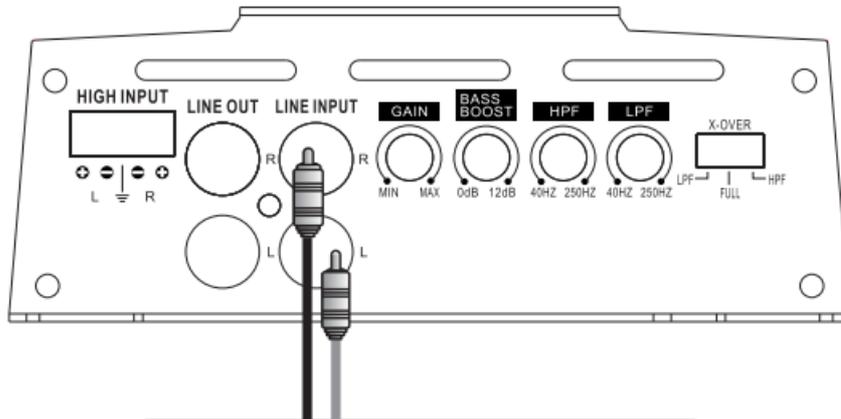
2. **LOW-LEVEL OUTPUT:** A daisy chain output for connection to another amplifier with a low level input using only a single RCA output from the source (head unit). **LOW LEVEL INPUT:** For connection to any source (head unit) with a low level output. This is your RCA output from the source (head unit).
3. **GAIN:** Knob for volume adjustment.
4. **BASS BOOST:** The boost ranges from 0dB to 12dB
5. **HPF:** High pass frequency adjusting knob. The frequency ranges from 40Hz to 250Hz.
6. **LPF:** Low pass frequency adjusting knob. The frequency ranges from 50Hz to 150Hz.
7. **X-OVER:** Optional switches for high pass filter (HPF)/ full pass filter (FULL)/ low pass filter (LPF).



8. **INDICATOR LIGHT:** When the power LED emits a blue light, it means that the amplifier is on and functioning properly. When the LED emits a red light, the amplifier's self-protection mode is activated. (Refer to the troubleshooting section)
9. **GND:** Ground terminal. Connect to the car chassis. Keep the length of the ground cable to a minimum.
10. **REM:** Terminal to be connected with a Remote cable, which comes from the source and controls the amplifier switching on. The applied voltage must be between 10 and 15V DC.
11. **+12V:** Anode of power connection terminals. Connect to the anode of the car battery.
12. **FUSE:** Standard automatic fuse. You must use the same power fuse if you need to change it.
13. **SPEAKER:** Speaker connecting terminals

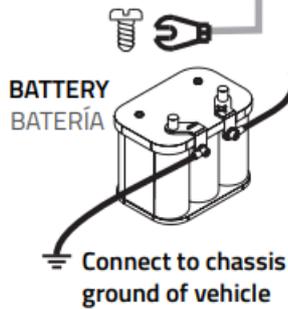
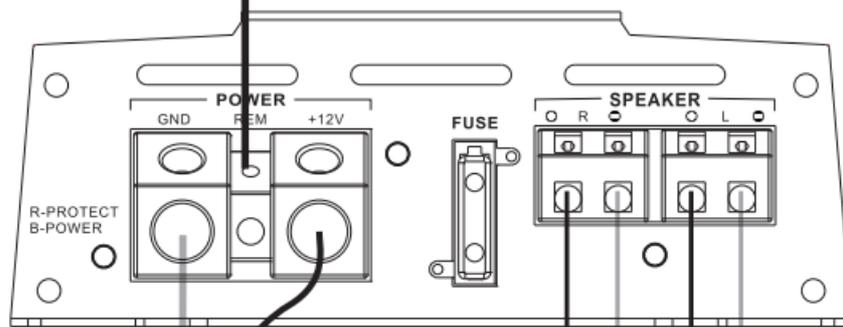
### **SYSTEM WIRING: 2 CHANNELS STEREO CONFIGURATION**

**candy-x2b**

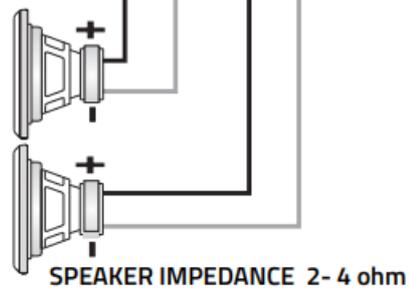


Connect to remote turn-on lead of source unit.

Conéctelo al cable de encendido remoto de la unidad fuente.

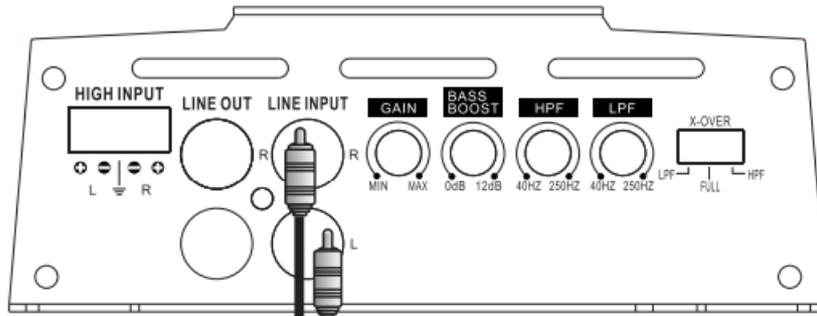


Fuse at battery for wire short protection  
Fusible en la batería para protección contra cortocircuitos de cables

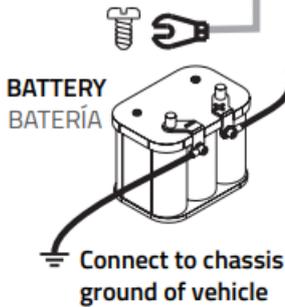
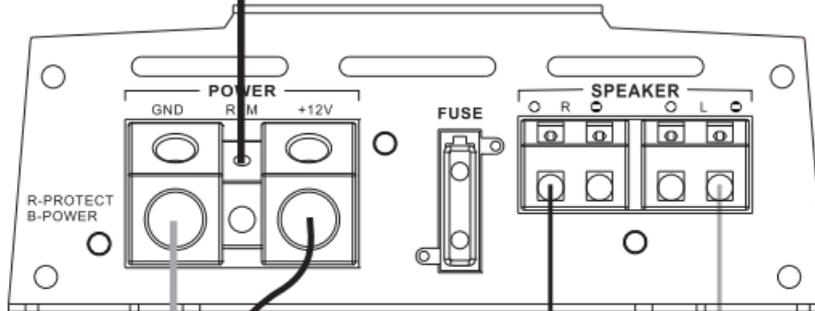


**SYSTEM WIRING: BRIDGED MODE CONFIGURATION**

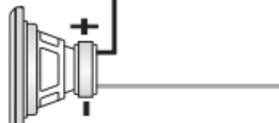
candy-x2b



Connect to remote turn-on lead of source unit.  
 Conéctelo al cable de encendido remoto de la unidad fuente.



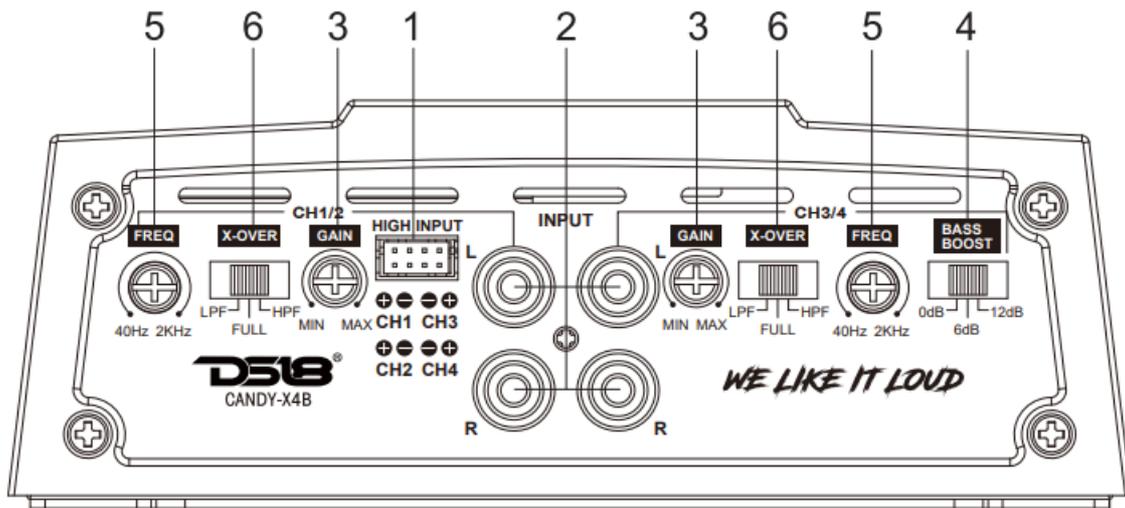
Fuse at battery for wire short protection  
 Fusible en la batería para protección contra cortocircuitos de cables



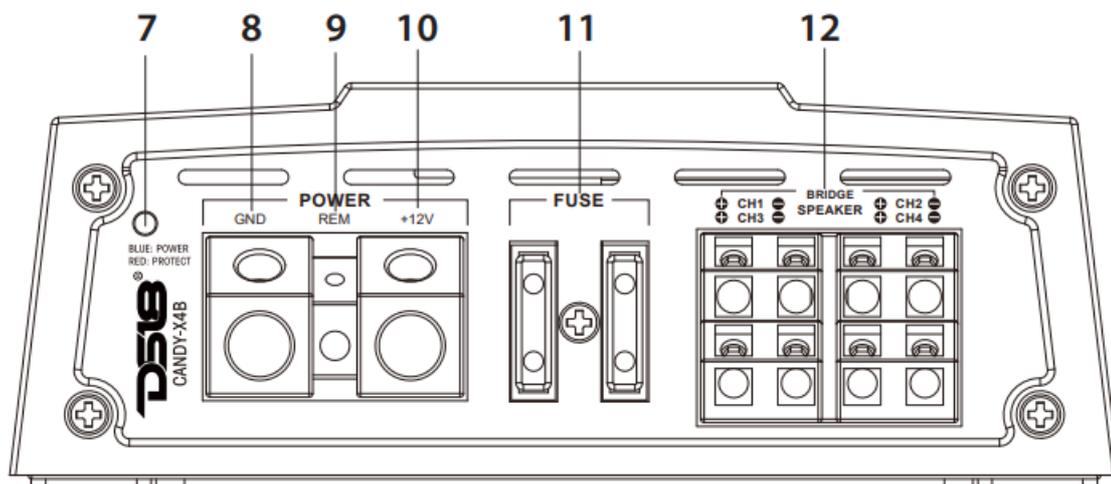
SPEAKER IMPEDANCE 4- 8 ohm  
 IMPEDANCIA DEL ALTAVOZ 4- 8 ohmios

## INSTRUCTIONS FOR FUNCTIONS AND CONTROLS

candy-x4b / CANDY-XXL4B



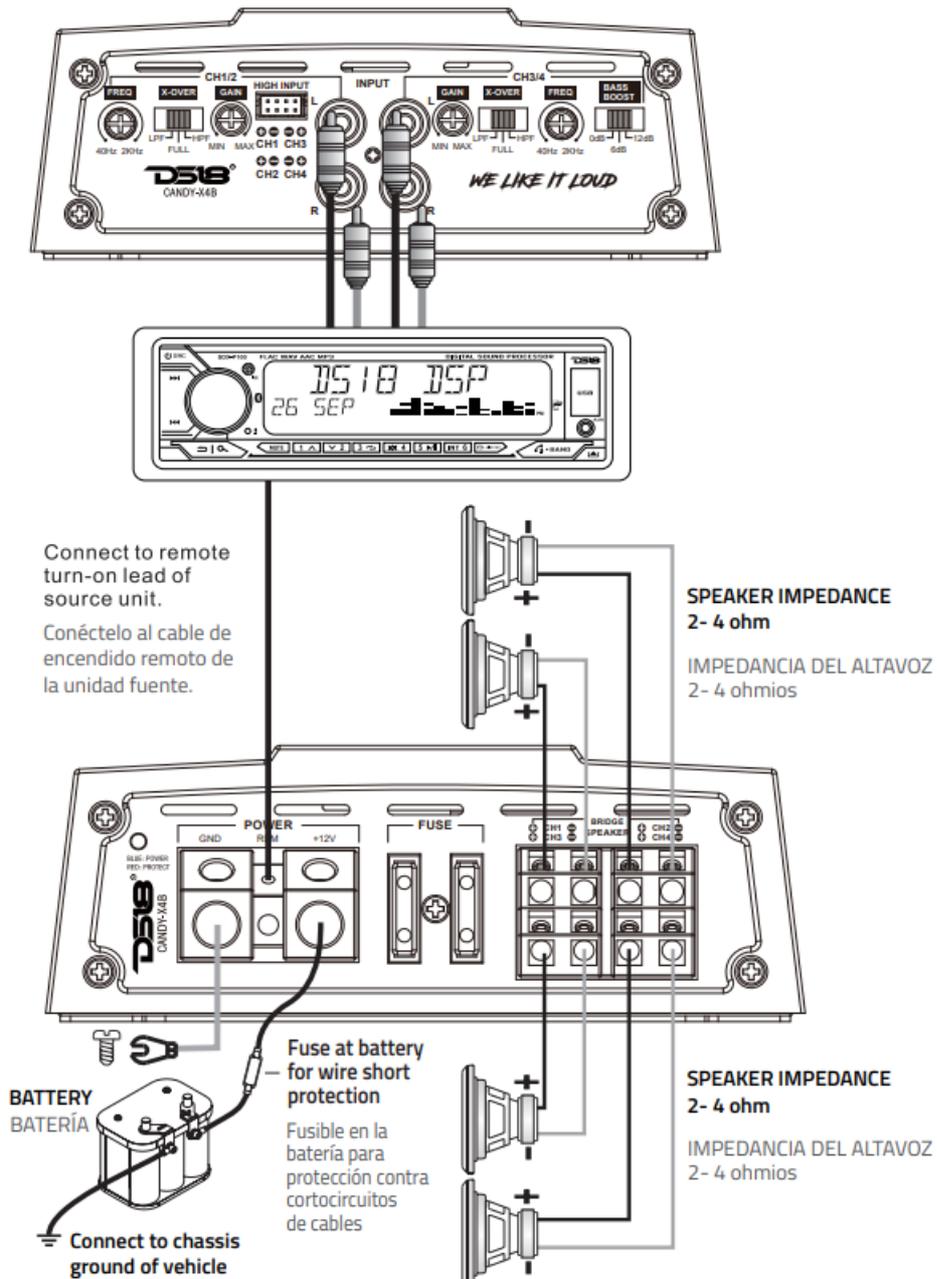
1. HIGH INPUT: High level input terminals.  
Auto Turn-On/Off: When an input audio signal from the HIGH INPUT port is detected, the amplifier turns ON/OFF instead of using a REM cable from a source.
2. LOW INPUT: CH1/CH2/CH3/CH4 inputs of the amplifier system. Pre-amplifier outputs of a source (head unit, CD player, DAT, etc.) or of an external electronic crossover must be connected to them.
3. GAIN: Knob for volume adjustment.
4. BASS BOOST: The boost ranges from 0dB to +12dB.
5. FREQ: Frequency adjusting knob. The frequency ranges from 40Hz to 2kHz.
6. X-OVER: Optional switches for high pass filter (HPF) / full pass filter (FULL) / low pass filter (LPF).



7. INDICATOR LIGHT: When the power LED emits a blue light, it means that the amplifier is on and functioning properly. When the LED emits a red light, the amplifier's self-protection mode is activated. (Refer to the troubleshooting section)
8. GND: Ground terminal. Connect to the car chassis. Keep the length of the ground cable to a minimum.
9. REM: The Terminal to be connected with a Remote cable, which comes from the source and controls the amplifier switching on. The applied voltage must be between 10 and 15V DC.
10. +12V: Anode of power connection terminals. Connect to the anode of car battery.
11. FUSE: Standard automatic fuse. You must use the same power fuse if you need to change it.
12. SPEAKER: Speaker connecting terminals.

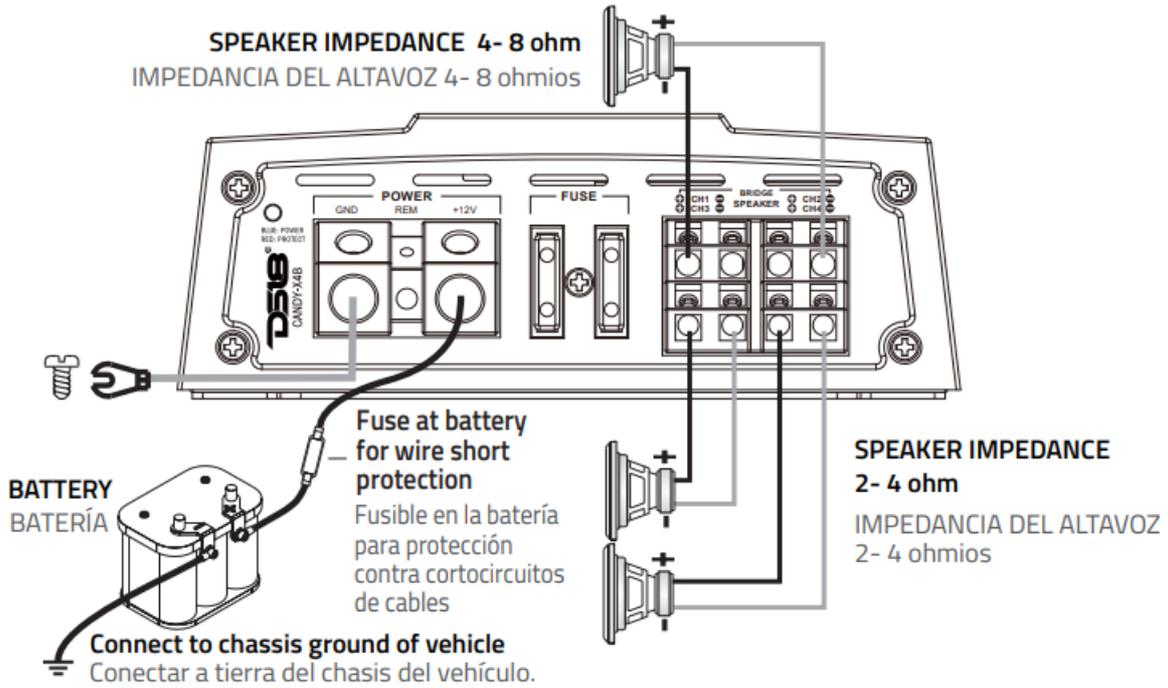
## SYSTEM WIRING: 4 CHANNELS STEREO CONFIGURATION

# CANDY-X4B CANDY-XXL4B



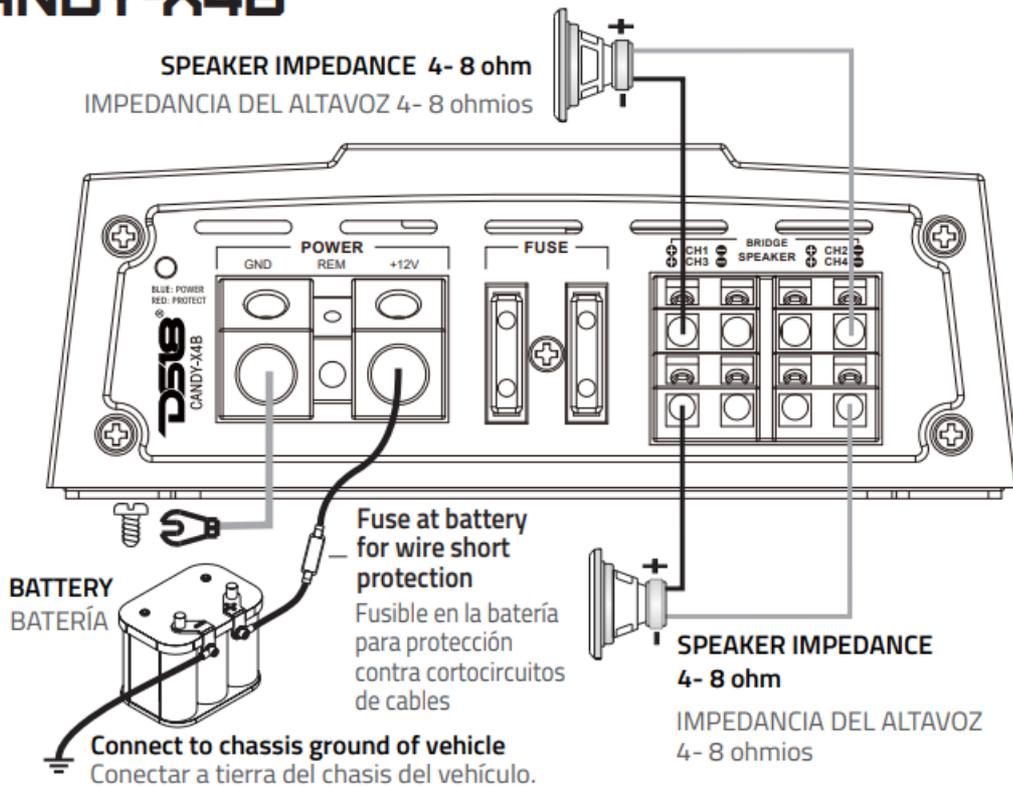
## SYSTEM WIRING: 3 CHANNELS BRIDGED MODE CONFIGURATION

# CANDY-X4B CANDY-XXL4B



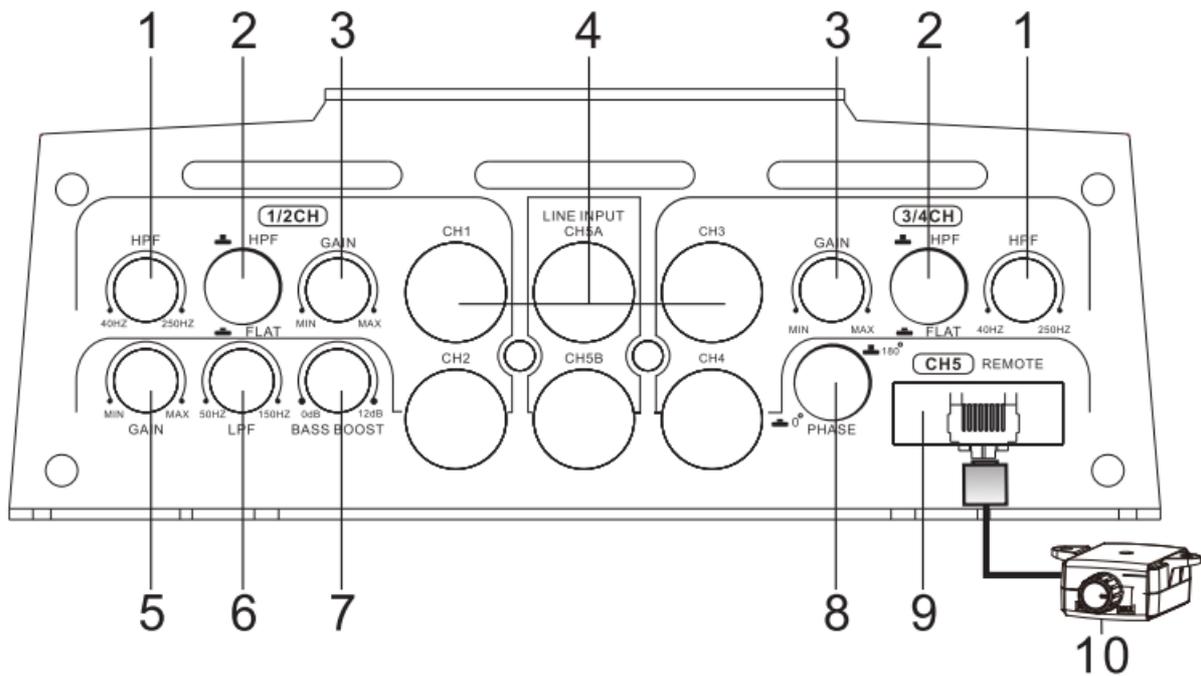
## SYSTEM WIRING: 2 CHANNELS BRIDGED MODE CONFIGURATION

# CANDY-X4B



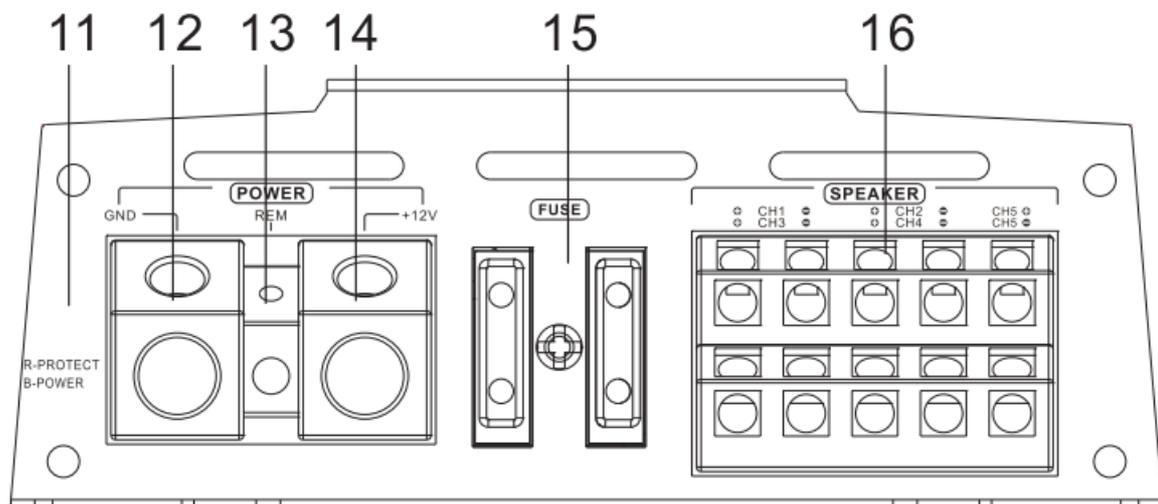
## INSTRUCTIONS FOR FUNCTIONS AND CONTROLS

candy-x5b



1. HPF: High-pass frequency adjusting knob. The frequency ranges from 40Hz to 250Hz.
2. X-OVER: Optional switches for high pass filter (HPF)/ full pass filter (FLAT).
3. GAIN: Knob for volume adjustment.
4. LOW INPUT: Left and right channels inputs of the amplifier system. Pre-amplifier outputs of a source (head unit) or of an external crossover must be connected to them.
5. SUB GAIN: Knob for SUB volume adjustment.
6. LPF: Low pass frequency adjusting knob. The frequency ranges from 50hz to 150Hz.
7. BASS BOOST: The boost ranges from 0dB to 12dB
8. PHASE CONTROL: Phase adjusting switch, the phase ranges from 0° to 180°.
9. SUB REMOTE CONTROLLER OUTLET: To be connected with the remote controller, which helps to sub gain.  
Please turn the volume knob to maximum before using the remote.
10. SUB REMOTE CONTROLLER BOX: Volume level knob.

## CANDY-X5B



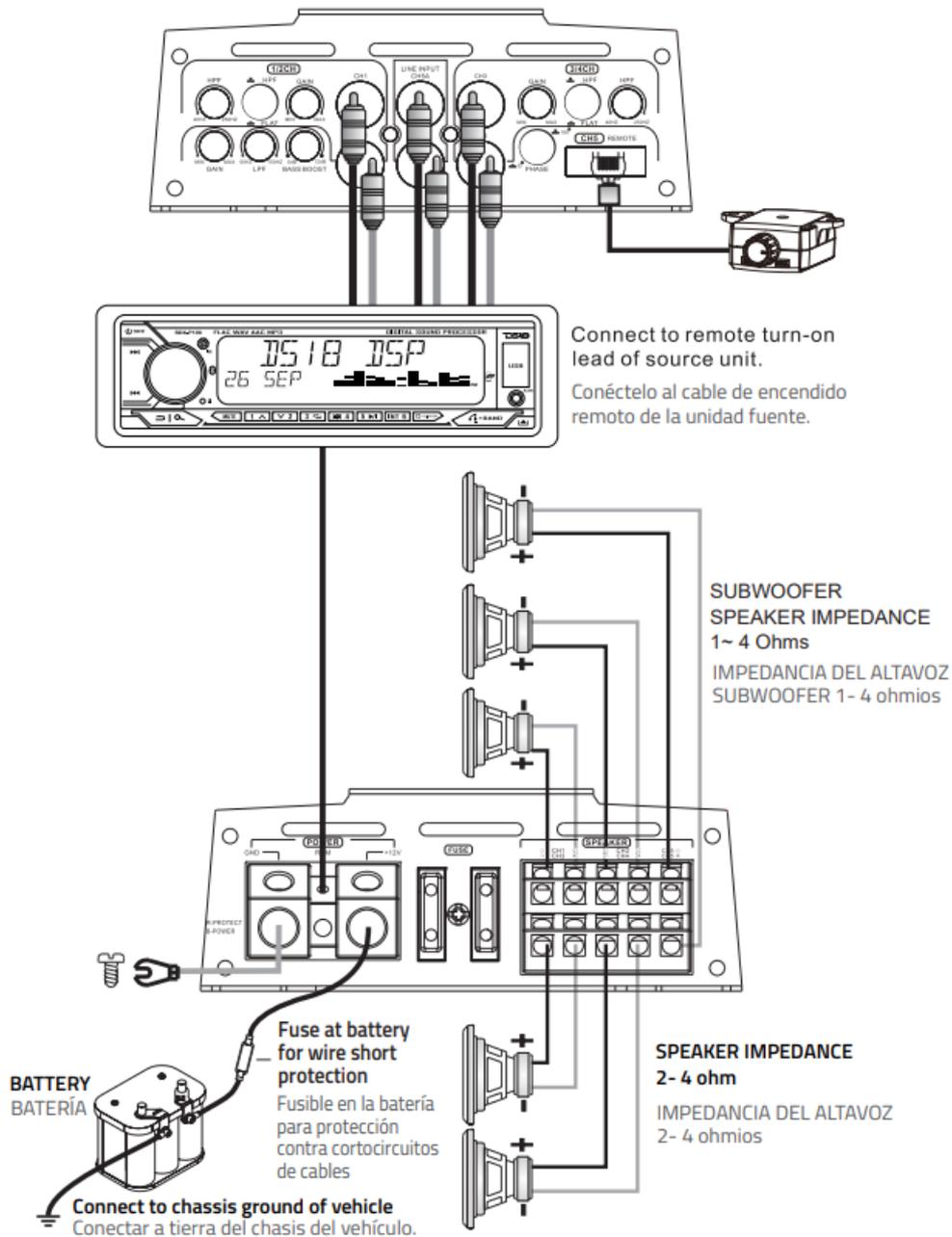
11. INDICATOR LIGHT: When the power LED emits a blue light, it means that the amplifier is on and in working order. When the LED emits a red light, the self-protection of the amplifier is activated. (Refer to the trouble

shooting section)

12. GND: Ground terminal. Connect to vehicle chassis. Keep the length of the ground wire to a minimum.
13. REM: The Terminal to be connected with the remote cable, which comes from the source and which controls the amplifier switching on. Applied voltage must be between 10 and 15V DC.
14. +12V: Anode of power connection terminals. Connect to the anode of car battery.
15. FUSE: Standard automatic fuse. You must use the same power fuse if you need to change it.
16. SPEAKER: Speaker connecting terminals.

## SYSTEM WIRING: 5 CHANNELS STEREO CONFIGURATION

### CANDY-X5B



## TROUBLESHOOTING

Before removing your amplifier, refer to the list below and follow the suggested procedures. Always test the speakers and their wires first.

### AMPLIFIER WILL NOT POWER UP

- Check for a good ground connection.
- Check that the remote DC terminal has at least 10V DC.
- Check that there is battery power on the + terminal.
- Check all FUSES.
- Check that the protection LED is not lit. If it is lit, shut off the amplifier briefly and then repower it.

### **HIGH HISS OR ENGINE NOISE (ALTERNATOR WHINE) IN SPEAKERS**

- Disconnect all RCA inputs to the amplifier. If the hiss or noise disappears, gradually reconnect each component driving the amplifier and unplug its inputs until the faulty or noisy component is identified. It's advisable to set the amplifier input level as insensitive as possible to achieve the best subjective signal-to-noise ratio (S/N). Try to drive the highest possible signal level from the head unit.

### **PROTECTION LED COMES ON WHEN THE AMPLIFIER IS POWERED UP**

- Check for shorts on speaker leads.
- Check that the volume control on the head unit is turned down low.
- Remove speaker leads and reset the amplifier. If the protection LED still comes on, then the amplifier is faulty.
- The amplifier will shut down automatically when the unit's temperature reaches 85°C. This protects the unit from damage.

### **AMPLIFIER GETS VERY HOT**

- Check that the minimum speaker impedance for that model is correct.
- Check for speaker shorts.
- Check that there is good airflow around the amplifier. In some applications, an external cooling fan may be required.

### **DISTORTED SOUND**

- Check that the level control is set to match the signal level of the head unit.
- Check that all crossover frequencies have been properly set.
- Check for shorts on the speaker leads.

### **HIGH SQUEAL NOISE FROM SPEAKERS**

- This is always caused by poorly grounded RCA patch cord.

### **WARNING**

1. An overly high volume will damage your speakers.
2. Be cautious when you use the amplifier near gasoline tanks and electric wires.
3. Protect the connecting wires and parts to avoid any damage or short circuit.
4. The power must be supplied from the anode of the battery via FUSE.

5. The sound system must be in turning-off situation when you check the amplifier.
6. Be sure that you use the same type of FUSE when you need to replace it.

\* We reserve the right to make necessary changes or improvements to the product without informing the customer in advance

## SPECIFICATIONS

### candy-x1b

#### POWER

- Total Watts (Peak) .....1800W
- RMS Power @ 4 ohm ..... 240W
- RMS Power @ 2 ohm ..... 400W
- RMS Power @ 1 ohm..... 600W

#### AUDIO

- Frequency Response .....20Hz~250Hz
- Signal-to-Noise Ratio.....70dB
- Efficiency @ 4 ohm .....>75%
- Damping Factor ..... 26
- Input Impedance .....10K ohm
- Channel Separation .....50dB
- Total Harmonic Distortion (THD) ..... 0.5%
- Low-Level Input Range ..... 0.2~6V
- High-Level Input ..... 2~10V
- Selectable X-Over ..... Fixed LPF/ LPF fijo
- X-Over Filter Range.....50Hz~150Hz
- Bass Boost Range .....0~18dB
- Bass Boost Frequency .....40Hz~100Hz
- Phase  
Selector.....0~180°

#### FEATURES

- Amplifier Class .....Digital
- Amplifier Type .....Monoblock Subwoofer / Subwoofer monobloque
- Number of Channels.....1 Channel / 1 Canal
- Minimum Impedance .....1 ohm
- Led Indicator .....Power | Protect / Encendido | Protección
- Power Input Terminal Size..... 4 Ga
- Fuse Size .....20A  
x 3

- Remote Level Control .....Remote Dash Mount
- Thermal Protection.....(>158°F)
- Over-Load Protection .....Yes / Sí
- Short Circuit Output Protection .....Yes / Sí
- Voltage Input Protection ..... (9-16V)
- Body Color | Finish ..... Black Matte

**EXTRA FEATURES**

- Hi-Level Input With Auto Turn-On .....Yes
- Compact Size for Easy Installation in Any Applications  
.....Yes
- Surface Mount Component Technology .....Yes
- Quality Control Verification using Audio Precision Instruments  
.....Yes

**MEASUREMENT**

- Overall Length .....8.3" /  
211mm
- Overall Width.....5.9" /  
150mm
- Overall Height .....2.16" /  
55mm
- Heatsink Length ..... 7" / 180mm
- Gross Single Unit ..... 3Lbs/1.4Kg

**candy-xXL1b**

**POWER**

- Total Watts (Peak).....3000W
- RMS Power @ 4 ohm ..... 400W
- RMS Power @ 2 ohm ..... 700W
- RMS Power @ 1 ohm .....1000W

**AUDIO / AUDIO**

- Frequency Response.....20Hz~250Hz
- Signal-to-Noise Ratio.....70dB
- Efficiency @ 4 ohm .....>75%
- Damping Factor ..... 26
- Input Impedance .....10K ohm
- Channel Separation .....50dB

- Total Harmonic Distortion (THD) ..... 0.5%
- Low-Level Input Range..... 0.2~6V
- High-Level Input ..... 2~10V
- Selectable X-Over..... Fixed LPF / LPF fijo
- X-Over Filter Range .....50Hz~150Hz
- Bass Boost Range .....0~18dB
- Bass Boost Frequency .....40Hz~100Hz
- Phase Selector  
.....0~180°

## FEATURES

- Amplifier Class.....Digital
- Amplifier Type .....Monoblock Subwoofer
- Number of Channels .....1 Channels / 1 Canales
- Minimum Impedance.....1 ohm
- Led Indicator ..... Power | Protect
- Power Input Terminal Size ..... 4 Ga
- Fuse Size.....40A  
x 3
- Remote Level Control.....Remote Dash Mount
- Thermal Protection .....(>158°F)
- Over-Load Protection .....Yes
- Short Circuit Output Protection .....Yes
- Voltage Input Protection..... (9-16V)
- Body Color | Finish ..... Black Matte

## EXTRA FEATURES / CARACTERÍSTICAS ADICIONALES

- Hi-Level Input With Auto Turn-On .....Yes
- Compact Size for Easy Installation in Any Applications  
.....Yes
- Surface Mount Component Technology .....Yes
- Quality Control Verification using Audio Precision Instruments  
.....Yes

## MEASUREMENT

- Overall Length .....11" /  
280mm
- Overall Width .....5.9" /  
150mm
- Overall Height .....2.16" /  
55mm

- Heatsink Length .....9.8" / 250mm
- Gross Single Unit Weight..... 5.5Lbs/2.4Kg

**candy-x2b**

**POWER / POTENCIA**

- Total Watts (Peak) / (Pico) Vatios  
 totales..... 800W
- RMS Power @ 4 ohm / Potencia RMS @ 4  
 OHM..... 2 x 120W
- RMS Power @ 2 ohm / Potencia RMS @ 2  
 OHM..... 2 x 200W
- RMS Power @ 4 ohm Bridge / Potencia RMS @ 4 OHM  
 Puente..... 350W

**AUDIO / AUDIO**

- Frequency Response..... 20Hz~20KHz
- Signal to Noise Ratio.....70dB
- Efficiency @ 4 ohm .....>75%
- Damping Factor ..... 26
- Input Impedance.....10K ohm
- Channel Separation.....50dB
- Total Harmonic Distortion (THD) ..... 0.5%
- Low-Level Input Range..... 0.2~6V
- High-Level Input ..... 2~10V
- Selectable X-Over ..... LPF/FULL/HPF
- X-Over Filter Range..... 40Hz~2kHz
- Bass Boost Range..... 0/6/12dB
- Bass Boost Frequency.....50Hz

**FEATURES / CARACTERÍSTICAS**

- Amplifier Class .....Digital
- Amplifier Type .....Stereo Full Range
- Number of Channels .....2 Channels
- Minimum Impedance ..... 2 ohm St / 4 ohm Bridge
- Led Indicator .....Power | Protect
- Power Input Terminal Size ..... 4 Ga
- Fuse Size / Tamaño de  
 fusible.....25A
- Thermal Protection .....(>158°F)
- Over-Load Protection .....Yes

- Short Circuit Output Protection .....Yes
- Voltage Input Protection ..... (9-16V)
- Body Color | Finish ..... Black Matte

**EXTRA FEATURES**

- Hi-Level Input With Auto Turn-On .....Yes
- Compact Size for Easy Installation in Any Applications  
.....Yes
- Surface Mount Component Technology .....Yes
- Quality Control Verification using Audio Precision Instruments  
.....Yes

**MEASUREMENT**

- Overall Length .....6.5" /  
165mm
- Overall Width .....5.9" /  
150mm
- Overall Height .....2.16"  
/ 55mm
- Heatsink Length .....5.27" / 134mm
- Gross Single Unit Weight ..... 4Lbs/1.7Kg

**candy-x4b**

**POWER**

- Total Watts (Peak) .....1600W
- RMS Power @ 4 ohm..... 4 x 120W
- RMS Power @ 2 ohm..... 4 x 200W
- RMS Power @ 4 ohm Bridge..... 2 x 350W

**AUDIO**

- Frequency Response ..... 20Hz~20KHz
- Signal-to-Noise Ratio.....70dB
- Efficiency @ 4 ohm.....>75%
- Damping Factor ..... 26
- Input Impedance .....10K ohm
- Channel Separation .....50dB
- Total Harmonic Distortion (THD)..... 0.5%
- Low-Level Input Range..... 0.2~6V
- High-Level Input ..... 2~10V

- Selectable X-Over..... LPF/FULL/HPF
- X-Over Filter Range ..... 40Hz~2kHz
- Bass Boost Range ..... 0/6/12dB
- Bass Boost Frequency.....50Hz

**FEATURES**

- Amplifier Class.....Digital
- Amplifier Type .....Stereo Full Range
- Number of Channels.....4 Channels
- Minimum Impedance..... 2 ohm St / 4 ohm Bridge
- Led Indicator .....Power | Protect
- Power Input Terminal Size ..... 4 Ga
- Fuse Size.....25A  
x 2
- Thermal Protection .....(>158°F)
- Over-Load Protection .....Yes
- Short Circuit Output Protection .....Yes
- Voltage Input Protection..... (9-16V)
- Body Color | Finish..... Black Matte

**EXTRA FEATURES**

- Hi-Level Input With Auto Turn-On .....Yes
- Compact Size for Easy Installation in Any Applications  
.....Yes
- Surface Mount Component Technology .....Yes
- Quality Control Verification using Audio Precision Instruments  
.....Yes

**MEASUREMENT**

- Overall Length .....8.3" /  
211mm
- Overall Width .....5.9" /  
150mm
- Overall Height.....2.16" /  
55mm
- Heatsink Length..... 7" / 180mm
- Gross Single Unit Weight ..... 3Lbs/ 1.4Kg

**CANDY-XXL4B**

**POWER**

- Total Watts (Peak).....3200W
- RMS Power @ 4 ohm ..... 4 x 220W
- RMS Power @ 2 ohm ..... 4 x 400W
- RMS Power @ 4 ohm Bridge ..... 2 x 750W

## AUDIO / AUDIO

- Frequency Response ..... 20Hz~20KHz
- Signal-to-Noise Ratio.....70dB
- Efficiency @ 4 ohm .....>75%
- Damping Factor ..... 26
- Input Impedance.....10K ohm
- Channel Separation .....50dB
- Total Harmonic Distortion (THD) ..... 0.5%
- Low-Level Input Range..... 0.2~6V
- High Level Input ..... 2~10V
- Selectable X-Over ..... LPF/FULL/HPF
- X-Over Filter Range..... 40Hz~2kHz
- Bass Boost Range ..... 0/6/12dB
- Bass Boost Frequency.....50Hz

## FEATURES

- Amplifier Class .....Digital
- Amplifier Type .....Stereo Full Range
- Number of Channels.....4 Channels
- Minimum Impedance ..... 2 ohm St / 4 ohm Bridge
- Led Indicator .....Power | Protect
- Power Input Terminal Size ..... 4 Ga
- Fuse Size .....45A  
x 2
- Thermal Protection .....(>158°F)
- Over-Load Protection .....Yes
- Short Circuit Output Protection .....Yes
- Voltage Input Protection ..... (9-16V)
- Body Color | Finish ..... Black Matte

## EXTRA FEATURES

- Hi-Level Input With Auto Turn-On .....Yes
- Compact Size for Easy Installation in Any Applications  
.....Yes
- Surface Mount Component Technology .....Yes
- Quality Control Verification using Audio Precision Instruments

.....Yes

## MEASUREMENT / MEDIDAS

- Overall Length .....13" / 330mm
- Overall Width .....5.9" / 150mm
- Overall Height .....2.16" / 55mm
- Heatsink Length .....11.8" / 300mm
- Gross Single Unit Weight..... 6Lbs/2.8Kg

## candy-x5b

## POWER / POTENCIA

- Total Watts (Peak) .....2000W
- RMS Power @ 4 ohm ..... 4 x 120W + 220W (SUB)
- RMS Power @ 2 ohm ..... 4 x 200W + 360W (SUB)
- RMS Power @ 1 ohm..... 500W (SUB)
- RMS Power @ 4 ohm Bridge..... 2 x 350W

## AUDIO / AUDIO

- Frequency Response ..... 20Hz~20KHz / 20Hz~250Hz (SUB)
- Signal to Noise Ratio .....70dB
- Efficiency @ 4 ohm .....>75%
- Damping Factor ..... 26
- Input Impedance .....10K ohm
- Channel Separation .....50dB
- Total Harmonic Distortion (THD) ..... 0.5%
- Low-Level Input Range ..... 0.2~6V
- High-Level Input ..... 2~10V
- Selectable X-Over .....FULL/HPF
- X-Over Filter Range..... 40Hz~250Hz / 50Hz~150Hz (SUB)
- Bass Boost Range.....6dB/12dB
- Bass Boost Frequency .....50Hz

## FEATURES

- Amplifier Class.....Digital
- Amplifier Type .....Stereo Full Range + Subwoofer

- Number of Channels .....5 Channels
- Minimum Impedance.....2 ohm St / 4 ohm Bridge  
+ 1 ohm (Sub)
- Led Indicator .....Power | Protect
- Power Input Terminal Size ..... 4 Ga
- Fuse Size .....45A  
x 2
- Remote Level Control .....Remote Dash Mount
- Thermal Protection .....(>180°F)
- Over-Load Protection .....Yes / Sí
- Short Circuit Output Protection .....Yes / Sí
- Voltage Input Protection ..... (9-16V)
- Body Color | Finish ..... Black Matte / Negro mate

## EXTRA FEATURES

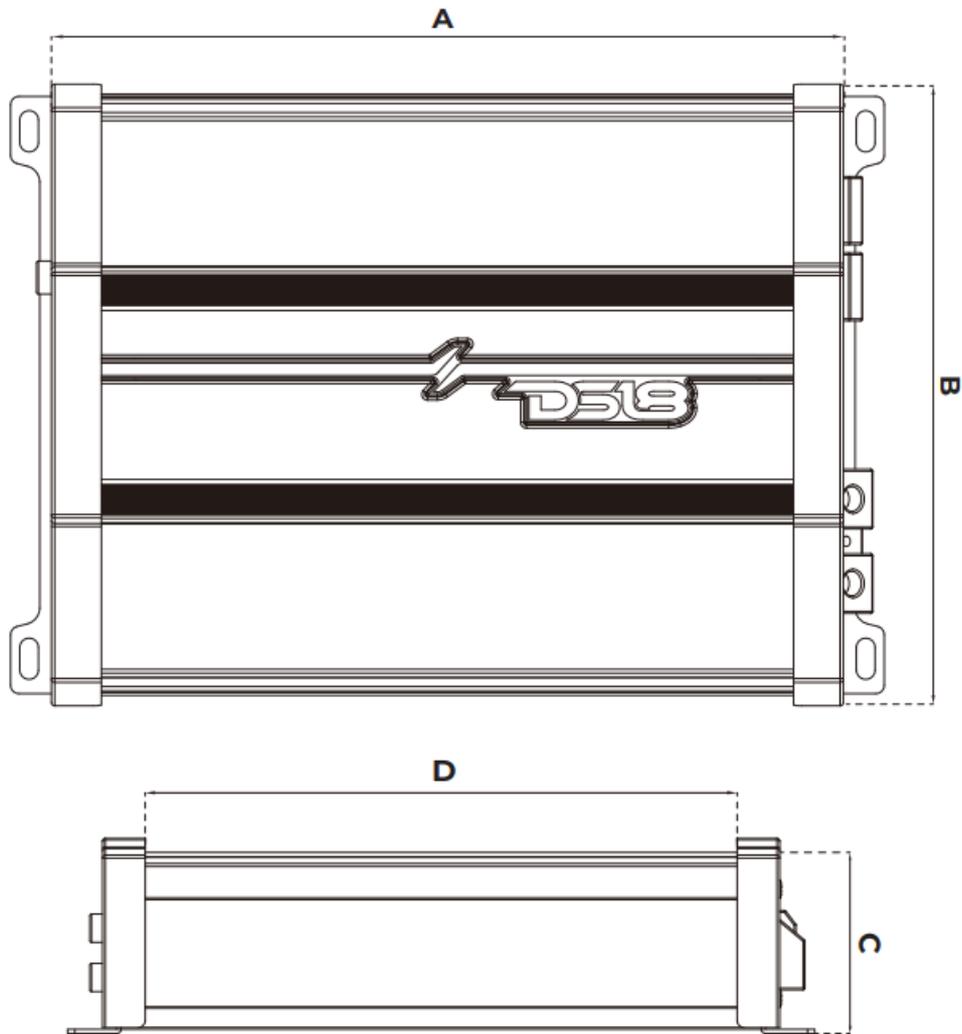
- Hi-Level Input With Auto Turn-On.....Yes
- Input Selector ..... 4/5 Channels
- Compact Size for Easy Installation in Any Applications  
.....Yes
- Surface Mount Component Technology .....Yes
- Quality Control Verification using Audio Precision Instruments  
.....Yes

## MEASUREMENT

- Overall Length .....11" /  
280mm
- Overall Width .....5.9" /  
150mm
- Overall Height .....2.16" /  
55mm
- Heatsink Length .....9.8" / 250mm
- Gross Single Unit Weight..... 4.5Lbs/2Kg

## MEASUREMENTS

- candy-x1b A: 8.3" / 211mm B: 5.9" / 150mm C: 2.16" / 55mm D: 7" / 180mm
- candy-xXL1b A: 11" / 280mm B: 5.9" / 150mm C: 2.16" / 55mm D: 9.8" / 250mm
- candy-x2b A: 6.5" / 165mm B: 5.9" / 150mm C: 2.16" / 55mm D: 5.27" / 134mm
- candy-x4b A: 8.3" / 211mm B: 5.9" / 150mm C: 2.16" / 55mm D: 7" / 180mm
- candy-xXL4b A: 13" / 330mm B: 5.9" / 150mm C: 2.16" / 55mm D: 11.8" / 300mm
- candy-x5b A: 11" / 280mm B: 5.9" / 150mm C: 2.16" / 55mm D: 9.8" / 250mm



## WARRANTY

Please visit our website, [DS18.com](http://DS18.com) for more information on our warranty policy. We reserve the right to change products and specifications at any time without notice. Images may or may not include optional equipment.

## WARNING

Cancer and Reproductive Harm. [www.P65Warning.ca.gov](http://www.P65Warning.ca.gov)

**FOR MORE INFORMATION PLEASE VISIT**

[DS18.COM](http://DS18.COM)

## Frequently Asked Questions

- **Q: What speaker impedance should I use with the candy-x4b amplifier?**
  - A: The candy-x4b amplifier is compatible with speakers rated between 2-4 ohms and 4-8 ohms.
- **Q: How do I adjust the bass boost on the candy-x1b amplifier?**
  - A: You can adjust the bass boost level between 0dB to 18dB on the candy-x1b amplifier.
- **Q: What is the frequency range for the LPF on the candy-x2b amplifier?**
  - A: The LPF frequency range on the candy-x2b amplifier is between 50Hz to 150Hz.

## Documents / Resources



[DS18 CANDY-X1B Digital Monoblock and Multi Channel Amplifiers](#) [pdf] Owner's Manual x1b, x2b, x4b, XXL4B, x5b, xxl1b, XXL1B, x2b, CANDY-X1B Digital Monoblock and Multi Channel Amplifiers, CANDY-X1B, Digital Monoblock and Multi Channel Amplifiers, Multi Channel Amplifiers, Channel Amplifiers

## References

- [Official DS18 Pro Audio Store - Speakers, Subwoofers, Amps & More!](#)
- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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