

# OPERATIONS MANUAL-SPY2850

## Professional speaker box

### Introduction:

Congratulations on your purchase of the SPY2850 amplified loudspeaker. This speaker includes the very latest technology in light weight ABS design. The trapezoidal design is used for a more precise and accurate sound and will add increased sound definition on vocal frequencies. This state of the art speaker will give you years of enjoyment.

### Features:

- Steel basket woofer
- High wattage powered amplifier
- Stand mounting socket
- Auxiliary Line Input
- Metal Grill
- High Temperature Voice Coil
- Rubber Feet
- DSP Processor
- Wireless Function



### Caution:

1. All operating instructions should be read before using this equipment.
2. To reduce the risk of electric shock, do not open the unit. There are NO REPLACEABLE PARTS INSIDE. Please refer servicing to a qualified service technician.
3. Do not expose this unit to direct sunlight or to a heat source such as a radiator or stove.
4. This unit should be cleaned only with a damp cloth. Avoid solvents or other cleaning detergents.
5. When moving this equipment, it should be placed in its original car ton and pack aging. This will reduce the risk of damage during transit.
6. DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.
7. DO NOT USE ANY SPRAY CLEANER OR LUBRICANT ON ANY CONTROLS OR SWITCHES.
8. Make sure ALL of your equipment is completely OFF and lower ALL VOLUME, LEVEL & GAIN controls before connecting the speaker.
9. ONLY LINE LEVEL SIGNALS CAN BE SENT TO YOUR SPEAKER.

*Disregarding any of the above will void your warranty!!!!*

### Functions:

1. Power indicator
2. Signal indicator: The LED lights up when signal input.
3. LIMIT Indicator: Illuminated just before the sub amplifier begins to clip and distort. Adjust the sub level control and signal level from your source so this illuminates only briefly on peaks in the music. Using the system with this on all or much of the time will result in poor sound quality and damage the speakers and electronics.
4. Wireless Function: Wireless (BT) can be found automatically and connected automatically. If there is no connection, Wireless will turn off automatically after 2 seconds. To start Wireless pairing, press this button and match with your source device. To cancel the pairing, press the button for 2-3 seconds. LED indicates the status as follows: If the LED is lit, then the connection is already made. A slowly flashing LED indicates that music is playing. A quick flashing LED indicates that it is in the process of pairing.
5. Volume control for INPUT1: Control the volume for INPUT1 when using the INPUT1.
6. MIC/LINE Switch: Use the MIC position (depressed) when a microphone is connected. Use the LINE position (disengaged) when a line level source such as an audio mixing console, audio playback device, or electronic musical instrument is connected.
7. MIC/LINE input for INPUT1: Use combination XLR or 1/4" Jack connector balanced or unbalanced.
8. Volume control for INPUT2: Control the volume for INPUT2 when using the INPUT2.
9. MIC/LINE Switch: Use the MIC position (depressed) when a microphone is connected. Use the LINE position (disengaged) when a line level source such as an audio mixing console, audio playback device, or electronic musical instrument is connected.
10. MIC/LINE input for INPUT2: Use combination XLR or 1/4" Jack connector balanced or unbalanced.
11. MIX/INPUT2 output switch: MIX (depressed) is for INPUT1 and INPUT2 output. IN2 (disengaged) is for INPUT2.
12. MIX/INPUT2 output: Use XLR connector balanced or unbalanced.
13. DSP presets: Use this button to toggle through the five different settings. MAIN: This is the default setting for the speaker. Use this setting when the speaker is being used either on a tripod or pole and facing towards your audience. MUSIC: Built-in dynamic treble and bass adjustment, and is suitable for the venues that requires a strong sense of rhythm music. 80Hz HP: Built-in 80Hz HP filter, is suitable for using with the subwoofer. SPEECH: Use this setting when the speaker is being used for Speech only or Spoken Word applications and facing towards the audience. MONITOR: Suitable for performances and used to act as monitor for speaker's use.
14. Power Supply Switch
15. Power Supply Input Connector: Use with power cord.



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### Connections:

1. For this unit you can connect a mixer, microphone or CD pLayer directly into your speaker. To connect a microphone use combination XLR or 1/4" jack connector to connect to the IN1(7) and IN2(10) input.
2. You can LINK additional speakers using the MIX/IN2(12) connection. The amplifier on your speaker will only power this speaker. If you LINK to additional speakers those speakers must be self amplified.
3. Turn on your mixer/microphones or other signal source, then turn on your unit, the Power Indicator (1) will be

### **FCC Statement**

This 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 a 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 harmful 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.

To assure continued compliance, any changes or modifications not expressly approved by the party.

Responsible for compliance could void the user's authority to operate this equipment. (Example- use only shielded interface cables when connecting to computer or peripheral devices).

This equipment 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.

### **FCC Radiation Exposure Statement:**

The equipment complies with FCC Radiation exposure limits set forth for uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

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