



**2.1 SURROUND SOUND**  
**M HOME AUDIO**

S E R I E S



**MS-42031WL**

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**SOUNDBAR AND WIRELESS SUBWOOFER**

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**Technical Specifications and Operating Instructions**

*Please read through this manual to familiarize yourself with your new speaker system. Should your PBX Home Audio speaker ever require service, you will need to have the original dated receipt.*



H O M E A U D I O

## PBX M-SERIES SOUNDBAR

Thank you and Congratulations on your purchase of PBX loudspeakers, one of the finest home theater speakers available today. At PBX we are confident you will have many years of outstanding listening enjoyment from this great speaker investment.

While it is our recommendation at PBX to always have a licensed professional install your speakers for long lasting and enjoyable sound for years to come, hook up of this home theater system is simple and straight forward. Please read the following installation instructions carefully before attempting to install your lead speakers.

Please keep all receipts and write down the serial number of your PBX speakers. A space for this is provided in the back of this manual.

The PBX Home Audio's MS-42031WL soundbar is easy to set up, and a pleasure to use. Simply connect the audio out from your TV (or other audio source) to the soundbar using the supplied cable, set the subwoofer wherever you can reach a electrical outlet, and you are ready to enjoy. Integrated key-hole mounting brackets on the rear of the unit make for easy mounting, but the soundbar is also shaped to rest elegantly on most flat surfaces and features non-marring rubber feet. The included wireless subwoofer works on 2.4 GHz frequency hopping technology with selectable wireless ID (switches found on the rear of both units).

**To learn more about PBX please visit us at <http://www.pbxhomeaudio.com>**



## SAFETY INSTRUCTIONS

Please refer to the label on the back of the MS-42031WL unit. This provides information on the required main voltage.

In order to make sure that heat dissipates, please setup your MS-42031WL soundbar either freestanding or mount it to the wall. Do not block any of the ventilation openings on the soundbar itself.

Do not stack this appliance on top of other appliances  
Switch off attached devices and the MS-42031WL unit before moving them.  
Switch off all components and the MS-42031WL unit before connecting or changing cables.  
Switch MS-42031WL unit to standby or disconnect it completely from the power supply, especially if you are not using the appliance for a long time.  
Avoid high temperatures caused by direct sunlight or radiators/heaters and protect your speakers from humidity.  
Place the MS-42031WL subwoofer enclosure on a level surface.

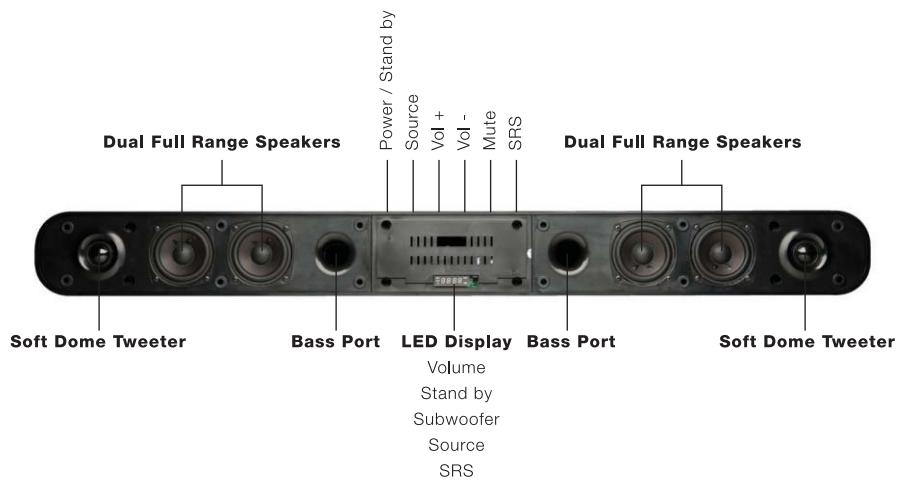
**CAUTION: TO PREVENT THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.**

This product is for general household purposes. Any failure due to use for other than household purposes (such as long-term use for business purposes in a restaurant or use in a car or ship) and which requires repair will be charged for even during the warranty period.

If any of the following occurs, disconnect the appliance and consult one of our technicians:

- If the electrical AC plug or cable is damaged
- If foreign objects or liquid have got into the appliance
- If an appliance has been in direct contact with rain or other water
- If an appliance does not work, even though you have followed the instructions
- If one of the appliances has been dropped or damaged in some other way

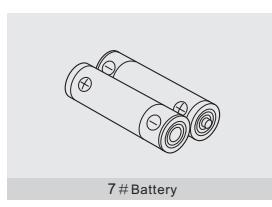
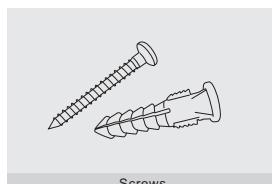
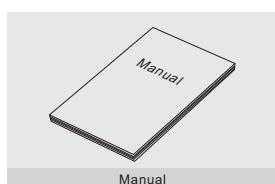
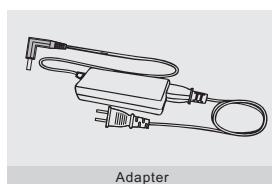
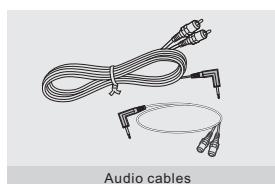
**WARNING:** Handling the cord on this product or cords associated with accessories sold with the product may expose you to chemicals listed on proposition 65 known to the State of California and other governmental entities to cause cancer and birth defect or other reproductive harm. Wash hands after handling.



## PBX M-SERIES SOUNDBAR FEATURES

Simple One Cable Connectivity  
Supports Two Aux and Two PCM Digital Input Methods  
Internal SRS Processing Chip, Fully Supports Virtual Surround Sound Effects  
Digital Sound Processor Circuitry Optimizes the Soundbar to Any Room  
All Digital Circuit Design with Internal Distortion Limiter to Deliver Clear Sound  
ABS Plastic Enclosure Structure with Integrated Keyhole Mounting Brackets  
LED Readout Display  
2.4GHz Wireless Subwoofer with Internal Amplifier (only requires AC power)  
Full Functional Wireless Remote Control  
6.5" Long Throw Wireless Subwoofer

## WHAT'S INCLUDED



## SETTING UP THE SYSTEM

The MS-42031WL system is a high quality stereo and surround playback set suitable for reproducing film and music sound. The sound is automatically in perfect symmetry and produces a wide soundstage using the soundbars internal speakers. The system is suggested to install below your flat-panel TV. When setup correctly, the MS-42031WL system simulates surround sound realistically, using the front speakers alone.

Setup height should be between 3ft - 6.5ft (40cm and 2.0m), ideally at ear height to the sitting position. Your listening position should be central and in front of the unit. It also helps to position the unit in a central position between the two side walls.

### Subwoofer Setup

You can locate the subwoofer anywhere, this will not affect other speakers.

## SOUNDBAR CONNECTIONS

### SOURCE CONNECTIONS (see Fig. 1)

#### INPUTS:

**Analog:** Use the supplied audio cable to connect to the soundbar's rear input labeled **TV** and/or **AUX**.

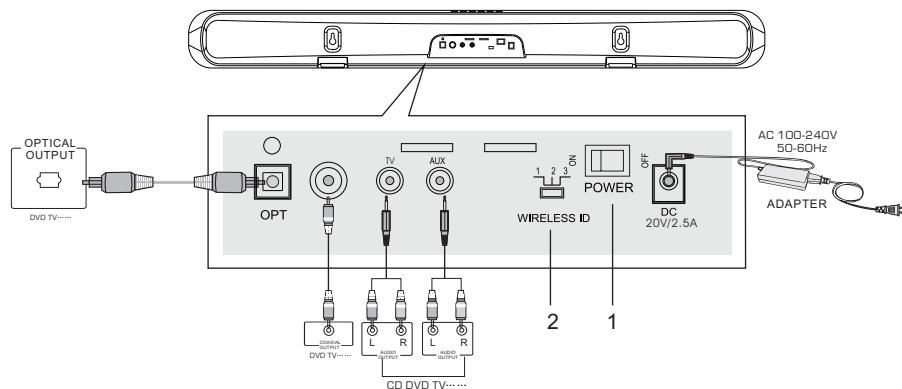
**Digital:** If your DVD player, cable tuner or satellite tuner have coaxial or optical digital outputs, you can use a digital toslink cable (not included) or a coaxial digital audio cable (not included) to connect to the soundbar's digital inputs labeled **OPT** (Optical) or **COAXIAL**.

**NOTE:** If your DVD player, cable tuner or satellite tuner does not have a coaxial digital output, you can connect its analog audio to your TV. The TV will send its audio signal to the soundbar through the analog connection described above.

## POWER CONNECTIONS (see Fig. 1)

After you have made and verified all of the source connections above:

Connect the DC power supply to the soundbar's power connection. Then plug the supplied AC cord into the DC power supply and into an active, unswitched 110VAC outlet.



(Fig. 1)

### 1. POWER

Power switch to turn **ON** or **OFF** the power supply of the main unit. This will normally always be left in the **ON** position.

### 2. WIRELESS ID SWITCH

Selects the "channel ID" for the wireless subwoofer signal. The switch is labeled 1 through 3 (this is preset to ID position 1 at the factory). The switches on the soundbar and the subwoofer must be set to the same ID position for the wireless system to work properly.

**NOTE:** You will probably never need to adjust the Wireless ID switch—however if you put more than one PBX MS-42031WL system in your home, use different channel ID switch settings so the systems don't interfere with each other.

**IMPORTANT MEMO:** For the best sound, it is recommended turning the TV's built-in speakers off. Consult your TV's owner's manual to find out how accomplish this. If you cannot determine how to turn the TV speakers off, adjust the TV's volume so that the soundbar is louder and provides most of the audio.

## SPEAKER LOCATION

The bar comes with rubber feet already attached so it will sit securely on any flat surface. If your TV is placed on a table, you can place the soundbar on the table directly in front of the TV stand. Be sure to center the bar under your TV screen. If your TV is housed in a media center, you can place the bar above the TV.

If your TV is wall mounted, the bar can be mounted directly below the TV screen. The rear of the bar has built-in keyhole slots for simple yet secure mounting. A mounting template has been included to help with this process.

**NOTE:** To ensure that the soundbar will be level, use a carpenter's level, laser sight or other device to ensure the screw holes are at exactly the same height.

Make sure you have made all the connections on the rear of the bar prior to securing the bar on the wall.

The wireless subwoofer receives a signal from the soundbar so it can be placed just about anywhere in the room that is close to an electrical power outlet (110VAC). Sometimes locating your subwoofer in the corner of a room will reinforce the subwoofers output, making it sound louder.

**NOTE:** The maximum wireless range between the soundbar and the subwoofer is approximately 30 feet (9 meters).

## WALL MOUNTING INSTRUCTIONS

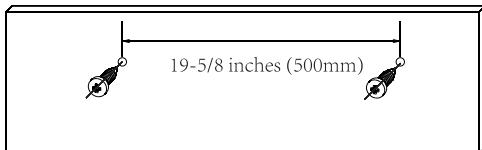
Please use strong screws in combination with the plastic anchors supplied to guarantee a secure hold. The following details how to install the soundbar below the TV.

Do not place or lean any objects on or against the MS-42031WL soundbar.

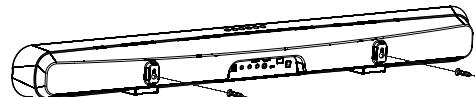
Please check the soundbar to make sure it is mounted securely and recheck at regular intervals.

Hardware is provided for drywall or sheetrock installations. If you are trying to mount the bar to masonry you will need to purchase special hardware (not included).

**Step 1.** Paste the supplied wall mounting template on the area of installation. Attach the template level to the ground using an adhesive such as tape. Make sure the template is straight to avoid mounting the unit crookedly. Pasting the template too close to the TV may cause the TV to get in the way of the unit when installing. Make sure the template and TV do not overlap.



**Step 2.** Following the instructions on the template, drill two 15/64" pilot holes at the specified locations.

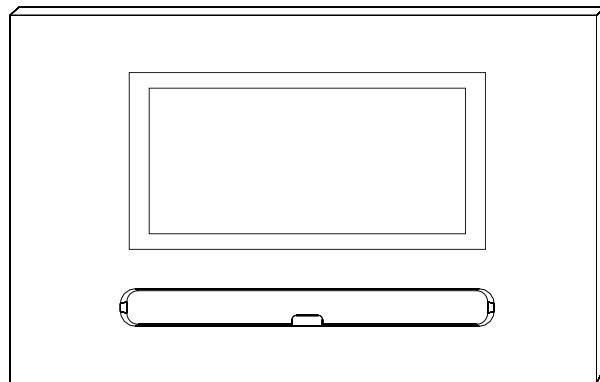


Remove the template from the wall.

Gently tap in the plastic anchors and then start the screws by hand into the anchors—followed by a screwdriver. Run the screw into the plastic anchor so approximately 1/4" of the screw shaft is exposed from the wall.

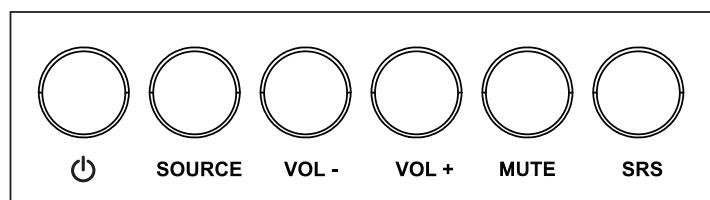


**Step 3.** Guide the soundbar by aligning the key slots on the rear of the unit with the two exposed mounting screws on the wall. Hang the soundbar on the screws by pushing down as shown.



**CAUTION:** PBX Home Audio is not responsible for any accidents or damage that result from improper installation, misuse or modification of the product, or natural disasters.

## OPERATING INSTRUCTIONS



(Fig. 2) Soundbar Top Control Panel

### 1) POWER

Turns **ON** the soundbar or puts it in standby mode. The LED readout shows a dashed line in the standby mode ( - - - - ), and shows the last saved settings when in working mode.

### 2) SOURCE

Switches the input source you are listening to. Repeatedly pushing this button will cycle through the LED readout indicating **OPT** (optical), **AUX** (Auxillary) or **TV** (television). When the soundbar has been switched on, the last signal source selected will be displayed.

### 3-4) VOL -/+

Use these buttons to reduce or increase the amplifier volume. The control ranges from 0 (min) to 30 (max) and is displayed on the LED readout as **V 0** through **V 30**.

### 5) MUTE

Mutes and unmutes the sound. The LED display will show a flashing dashed line ( - - - - ) while the mute is engaged.

### 6) SRS

This button turns the soundbars SRS virtual surround processing On and Off. The LED readout will display **SRS** when the processing is on. Otherwise the when the SRS is not active, the bar defaults to normal stereo sound.