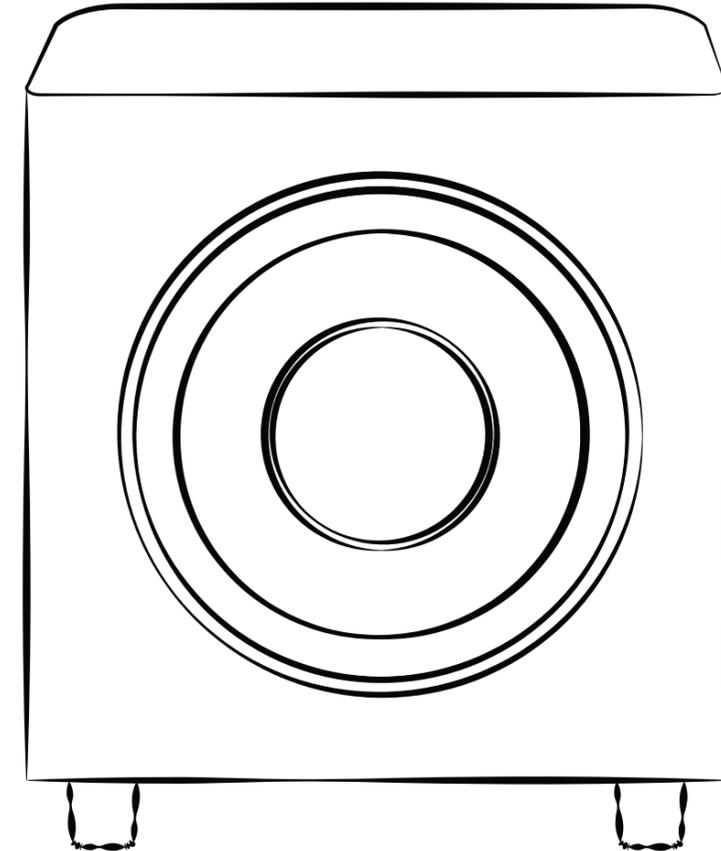




Wishing you many years
of sound enjoyment!



USUB 803

USUB 1003

USUB 1203w



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Dear Customer,

Thank you for choosing Morel's USUB Subwoofer!

The USUB was engineered to offer high fidelity sound quality for both stereo and home theater applications. The information in this manual will help get the best possible performance out of the USUB subwoofer. If you have any questions, please contact your Morel dealer, or Morel support at www.morelhifi.com

Unpacking:

Open the box and carefully remove all staples, then remove the subwoofer.

If you notice any defects on any elements during the unpacking process, contact your dealer.

Before disposing the packaging, check that nothing is left inside.

Installation Precautions:



WARNING

make sure the power switch selector is set to correct current BEFORE connecting to power grid - 110v or 220v - if incorrect it may damage the subwoofer !!!

Before installing

Before connecting your subwoofer, make sure all equipment is switched off. Do not connect the subwoofer power supply cable before completing all connections.

Moving the unit

Always disconnect the power supply cable and any audio cables connected to the subwoofer before moving it. This will prevent a short circuit or damage to any plugs or connecting cables.

Before switching the unit on

Double check that all connections are correct and that the volume is turned all the way down.

Placement

Place the subwoofer in a cool area with sufficient ventilation. Avoid placing in damp area or areas exposed to excessive sunlight or heat.

Recycling

Your product contains valuable materials that can be recovered and recycled.

Features:

World Class Digital Amplifier Technology

The USUB powered subwoofer incorporates the latest digital amplifier technology to maximize performance while generating very little heat. In standby mode, the unit consumes less than 0.5 watts, making it one of the greenest solutions available.

Tuned System Performance

Rear mounted volume control, low pass crossover, and phase control ensure optimal system integration.

Signal Sensing

When Auto Signal Sense is selected the subwoofer will automatically switch to a power saving stand-by mode if no input signal is detected for approximately 15 minutes. Power will turn on once again when signal is detected through the input jacks.

Gold Plated Inputs

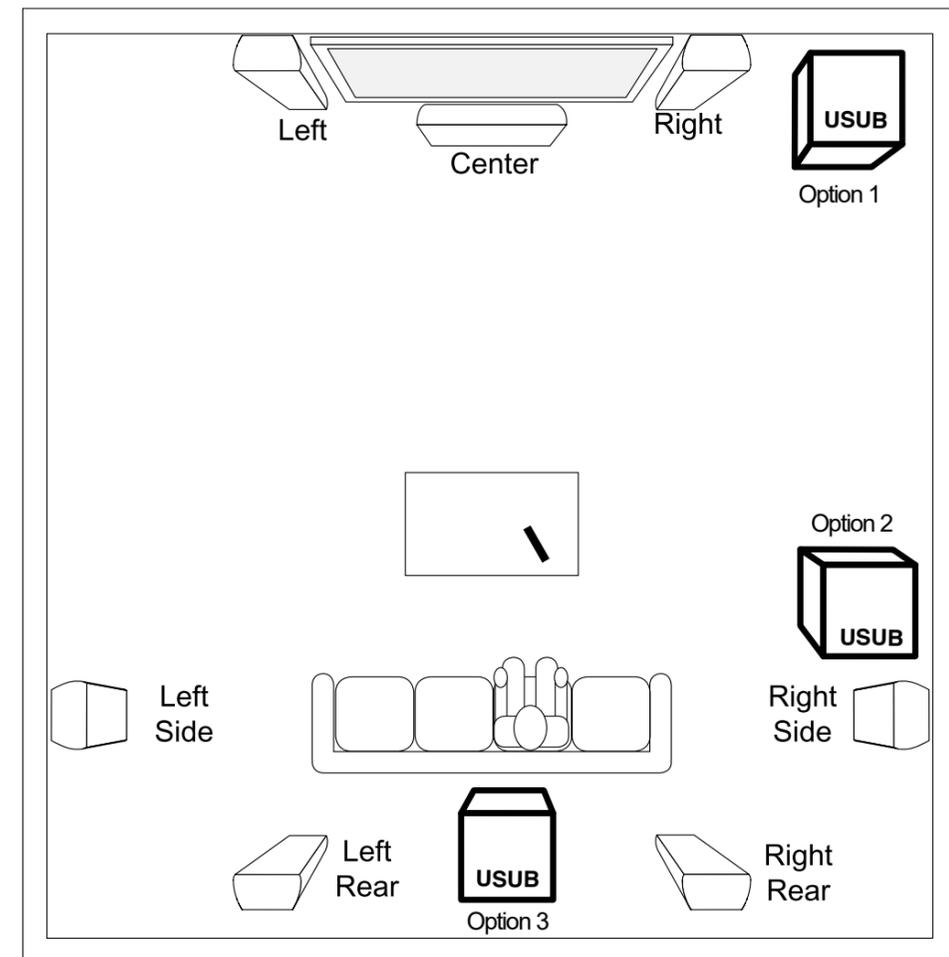
For high quality sound and maximum performance.

Cabinet

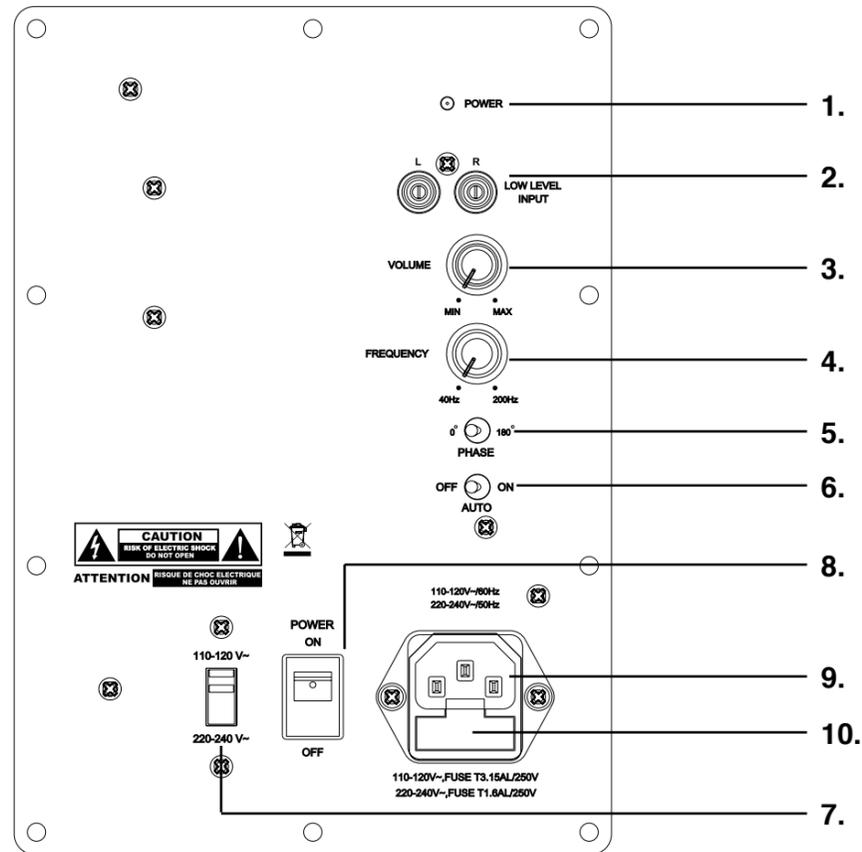
An attractive furniture quality solid cabinet provides the foundation for high sound quality and clarity.

Subwoofer Placement

A subwoofer provides crucial impact to a home theater system. Low bass frequencies are omni directional, this means you can usually place your subwoofer just about anywhere in your home theater room with good results.



USUB 803



Connection & Controls

1. Power LED

(Red) Standby Mode - (Blue) Power Mode ON

2. Low Level Input

Use for Left/Right connection from audio source.

3. Volume Control

Adjusts subwoofer volume level.

4. Crossover Control

Adjusts the subwoofers frequency output

5. Phase Switch

Allows you to set the phase of the woofer 0-180°

6. Power Mode Switch

Set the power mode (OFF, AUTO, or ON)

7. Voltage Switch

Select input voltage. Default: 110-120V or 220-240V

8. Master Power Switch

Controls the main power to the subwoofer

9. AC Power Cord

Connect the included AC power cord.

10. Fuse Holder

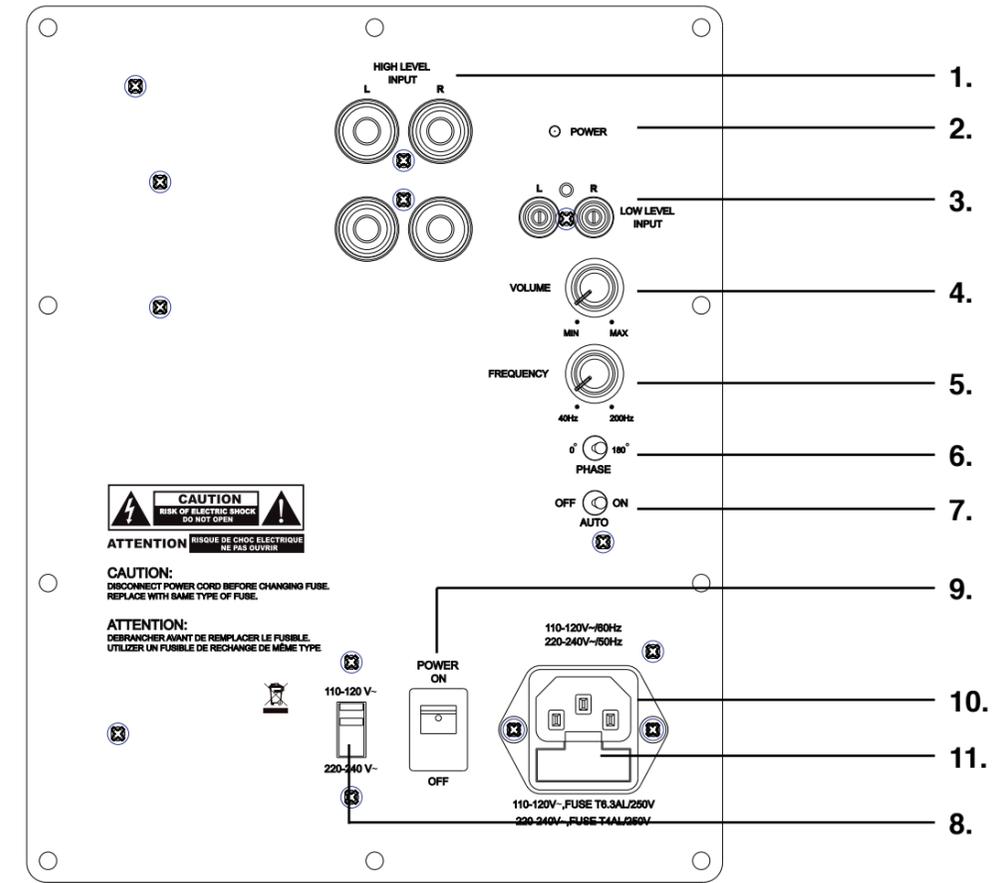
Master Power Fuse. Includes spare fuse inside holder.



WARNING

make sure the power switch selector is set to correct current BEFORE connecting to power grid - 110v or 220v - if incorrect it may damage the subwoofer !!!

USUB 1003



Connection & Controls

1. Hi Level Inputs

Speaker wire binding post. Use a high quality speaker wire to connect Left & Right source outputs to Left & Right subwoofer inputs. Please observe proper polarity.

2. Power LED

(Red) Standby Mode - (Blue) Power Mode ON

3. Low Level Input

Use for Left/Right connection from audio source.

4. Volume Control

Adjusts subwoofer volume level.

5. Crossover Control

Adjusts the subwoofers frequency output



WARNING

make sure the power switch selector is set to correct current BEFORE connecting to power grid - 110v or 220v - if incorrect it may damage the subwoofer !!!

6. Phase Switch

Allows you to set the phase of the woofer 0-180°

7. Power Mode Switch

Set the power mode (OFF, AUTO, or ON)

8. Voltage Switch

Select input voltage. Default: 110-120V or 220-240V

9. Master Power Switch

Controls the main power to the subwoofer

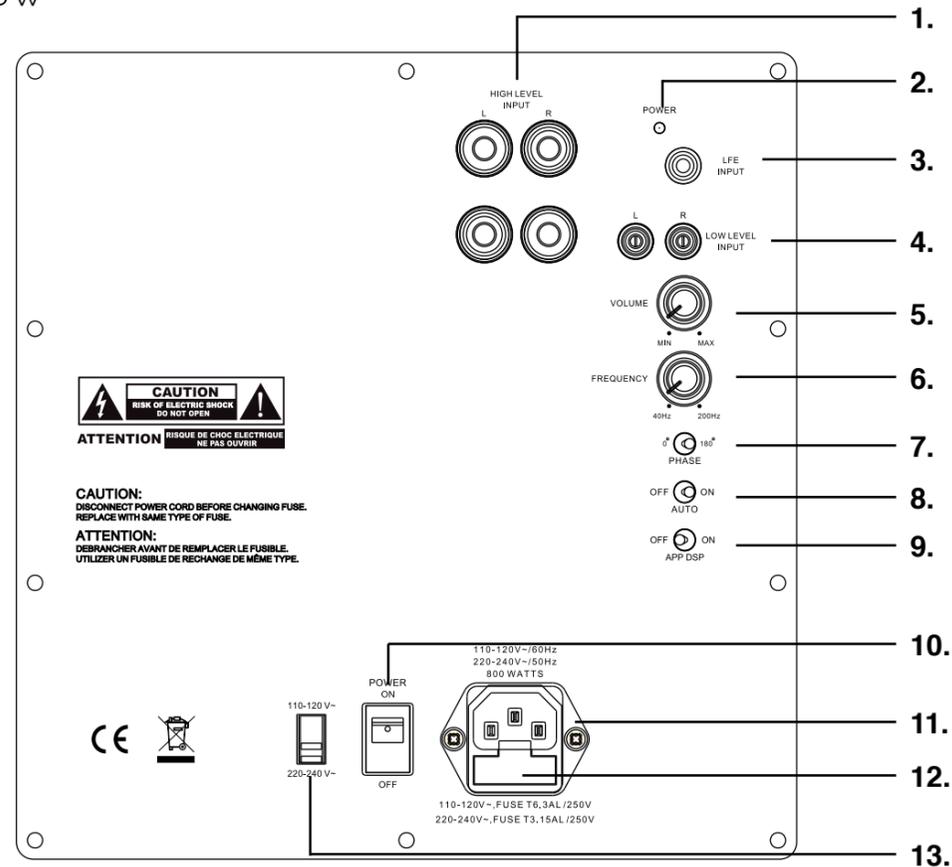
10. AC Power Cord

Connect the included AC power cord.

11. Fuse Holder

Master Power Fuse. Includes spare fuse inside holder.

USUB 1203w



Connection & Controls

1. High Level Inputs (10-12 inch Models Only)

Use for Left/Right connection from audio source.

2. Power LED

(Red) Standby Mode - (Blue) Power Mode ON

3. LFE Input (12 inch Model Only)

Connect to the LFE output on the Receiver/Processor.

4. Low Level Input

Use for Left/Right connection from audio source.

5. Volume Control

Adjusts subwoofer volume level.

6. Crossover Control

Adjusts the subwoofers frequency output

7. Phase Switch

Allows you to set the phase of the woofer 0-180°

8. Power Mode Switch

Set the power mode (OFF, AUTO, or ON)

9. DSP Mode Switch

Set the DSP (OFF or ON)

10. Master Power Switch

Controls the main power to the subwoofer

11. AC Power Cord

Connect the included AC power cord.

12. Fuse Holder

Master Power Fuse. Includes spare fuse inside holder.

13. Voltage Switch

Select input voltage. Default: 110-120V or 220-240V



Setting & Controls

Setting the Power Mode

ON Mode:

If the subwoofer is set to ON mode, it will always be ready to play. However, undesired noise from interference or connections changing may be heard. Use the standard ON mode only if needed, set the power switch to OFF when not in use.

AUTO Mode:

Setting the switch to AUTO enables AUTO Sense. The subwoofer turns ON and OFF automatically in response to signal input. The subwoofer will enter standby mode if no signal is sensed for longer than 15 minutes.

Set the MODE switch to the ON position for setup.

After making all the connections, setup your subwoofer using the following steps:

1. Plug the subwoofer into an electrical outlet using the included power cord. The status LED will illuminate solid blue when power is present and the subwoofer is ON.

2. Set the controls and switches to their initial setup positions:

VOLUME set the dial to 50% or 12 o'clock

CROSSOVER adjust the upper frequency limit. The purpose is to control the overlap the upper frequencies of the subwoofer and the main speakers lower frequencies. Check your main speakers specs to determine their low-end limit.

PHASE set to 0°

3. Play a movie scene or soundtrack and set the system volume to an average level. Listen to the bass level from your favorite listening position and adjust the volume accordingly.

4. Continue listening to your favorite source track and experiment with the phase control until you find the best setting for you. Depending on the location of the subwoofer the bass may sound louder and deeper when the phase has been optimized. In some cases adjusting the phase will have no audible difference.

5. Setup is now complete.

Trouble Shooting

The USUB is designed to function trouble free. Most problems that may occur are due to simple issues. Please check below for a list of simple fixes if you experience any issues.

Ensure that the Status LED is blue and the power switch is ON.

No Sound

1. Verify that audio is coming from the source selected. Select another source to test, or connect the source directly to the subwoofer input bypassing any other equipment.
2. Ensure that any connected A/V equipment is turned ON and connected properly.
3. Check cable connections for damage, poor connection or shorts.
4. Ensure subwoofer volume is turned up to a reasonable level using the control on the back of the unit.

Interference or undesired noise coming from subwoofer:

1. Check all connections for damage, poor connection or shorts.
2. If the signal cable is installed inside of the wall, it may be running parallel to a high voltage cable. Test the system by running a separate in room cable. If the issue is resolved, a new cable should be installed with the proper clearance from high voltage.
3. Common sources of interference include Wi-Fi antennas and devices or cordless phones setup too close to the subwoofers source.

Cleaning & Maintenance

The exterior of the subwoofer may be cleaned using a soft lint free cloth. If the subwoofer is moved often for cleaning or relocation, check each time to ensure that connections are not damaged or loose.

Specifications:

USUB 803

Spec	USUB 803
Power	300W Dynamic (150WRMS)
Active Woofer	8"
Passive Woofer	Dual 8"
Frequency	20-160 Hz
Phase	0-180°
Voltage	100-120V AC / 220-240V AC
Input	L&R / Low Level
Dimensions	(WxHxD) 10.5 x 10.5 x 11in

USUB 1003

Spec	USUB 1003
Power	500W Dynamic (250WRMS)
Active Woofer	10"
Passive Woofer	Dual 10"
Frequency	20-160 Hz
Phase	0-180°
Voltage	100-120V AC / 220-240V AC
Inputs	Hi Level / Low Level
Dimensions	(WxHxD) 14.6 x 14.6 x 13in

USUB 1203W

Spec	USUB 1003
Power	800W Dynamic (350WRMS)
Active Woofer	12"
Passive Woofer	Dual 12"
Frequency	20-160 Hz
Phase	0-180°
Voltage	100-120V AC / 220-240V AC
Inputs	Hi Level / Low Level / LFE
Dimensions	(WxHxD) 16 x 15.4 x 15 in