



Ultimate

MK II

KORUS SW8 MKII
KORUS SW10 MKII
KORUS SW12 MKII

Powered Subwoofer Instruction Manual

Congratulations...

...for purchasing the Ultimate subwoofer.

When used with your current Audio/Home-Theatre system, the *Ultimate* subwoofers will deliver all the realism and excitement present in today's music and film digital soundtracks.

These subwoofers have been designed to give you many years of trouble-free listening enjoyment. Though easy to install, we recommend that you read carefully through this instruction manual, and to save your bill of sale in the unlikely event that your subwoofer requires servicing.

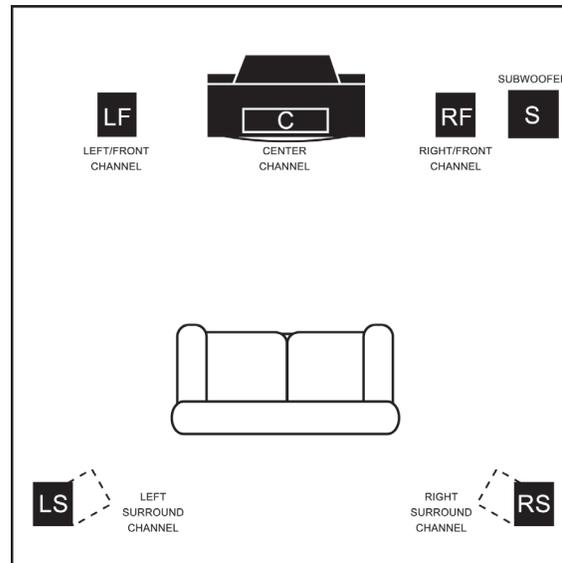
Safety Instructions

- We recommend that the subwoofer be unplugged from the wall during lightning storms, and when not used for an extended period of time.
- Do not use wherever there is a risk that the subwoofer may come into contact with water or excessive moisture such as near pools, bathtubs and wet basements.
- In the event of a malfunction, do not attempt to service the product yourself. Please contact your Ultimate dealer.

Before making connections to your receiver/processor, please make sure the subwoofer is unplugged from the wall and that your audio/video receiver or surround processor is in the off position.

Step 1 Subwoofer Placement

Low frequency sound is generally non-directional. This allows for great flexibility when placing the subwoofer, as it is difficult for the ear to discern where the low frequency sound originates. Ideally, however, the subwoofer will be placed on the same plane as the main left/right speakers.



Do not block the tuned port.

Placement Tip:

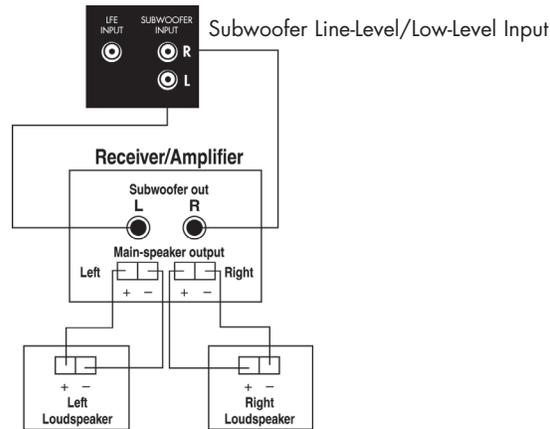
Bass output varies with position. For more bass output, place the subwoofer near a wall boundary. Placing the subwoofer closer to a corner of the room will increase the bass output considerably.

Step 2

Connecting The Subwoofer

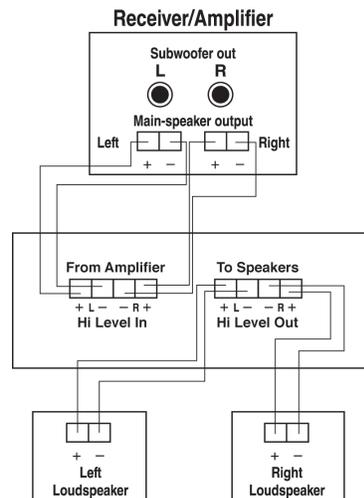
A) Line Level Connection (known as "Low-Level"):

Connect the audio/video receiver or processor's subwoofer output, to the Ultimate Subwoofer's L/R or LFE Line Level input.



B) Speaker Level Connection (known as "High-Level"):

Connect the audio/video receiver's Left/Right main channel outputs to the Ultimate L/R Speaker Level Inputs. Make sure to connect "+" (Red) to "+" (Red), and "-" (Black) to "-" (Black). (Optionally, you may connect your Left/Right speakers as shown below).



High-Level connection Tip:

When using small satellite speakers, connecting the Ultimate subwoofer with the Speaker Level inputs and then connecting L/R satellites to the "Speaker out" will automatically limit the low frequency sent to the small speakers with the high-pass filter built into the Ultimate subwoofer. This is helpful to small speakers, in that they will then not be required to reproduce frequencies that may be beyond their operating range.

You may now plug your subwoofer's power cord to the A/C wall outlet.

You are now ready to use your new Ultimate subwoofer.

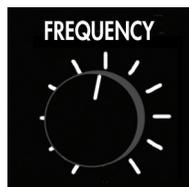
Step 3

Powering Up

A) On/Off Switch:

Your subwoofer has an On/Off switch. Once connected to your receiver and plugged into the wall outlet, the Ultimate subwoofer will need to be turned on and can be left in the "auto" position so that once it senses a signal coming from your receiver, it will automatically turn on and will turn off into Standby mode after it does not sense a signal for 5 minutes.

B) Setting the Volume and Crossover Frequency.

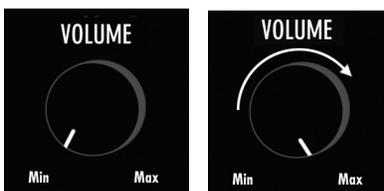


Crossover:

The Frequency control determines the frequency below which the subwoofer will play. This frequency is manually controlled and is continuously variable between 50-150Hz. You can experiment with which position works best with your main speakers by turning this control until the sound of the low frequency coming from the subwoofer is nicely blended with the sound of your main speakers.

Frequency setting tip:

When using small speakers (speakers with a 6" or less main woofer) set this control toward the "150" position. When using larger speakers (speakers with an 8" or more main woofer) set the control closer to the "50" position.



Gain:

When setting the Gain control at the subwoofer, begin with your main speakers playing at a normal listening level and the Gain control at the subwoofer completely in the off position (counterclockwise position). Then, begin to turn up the Gain at the subwoofer slowly (clockwise) until the desired bass response is achieved. Bass output will then be regulated by your A/V receiver's volume control.

Gain setting tip:

Have one person sit at the regular listening position, and a second person turn up the Gain at the subwoofer until the desired bass output is achieved at the listening position. Remember most natural sounding bass results when bass reproduction is balanced with the main speakers.

Phase:

The phase control will fine tune the bass performance. Have one person sit in the listening position and a second person toggle the switch between Normal and Reverse to achieve the desired bass output.

Specifications

	KORUS SW8 MKII	KORUS SW10 MKII	KORUS SW12 MKII
Amplifier Power:	100 Watts	150 Watts	200 Watts
Woofers:	8" Reinforced Cone	10" Reinforced Cone	12" Reinforced Cone
Frequency Response:	40Hz - 150Hz	36Hz - 150Hz	32Hz - 150Hz
Dimensions (HWD):	14 ^{1/2"} x 12 ^{3/4"} x 14 ^{3/8"}	15 ^{3/4"} x 12 ^{3/4"} x 14 ^{3/8"}	17 ^{1/6"} x 12 ^{3/4"} x 14 ^{3/8"}
Weight:	22.9 lbs	28.6 lbs	33 lbs



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