



Ultimate

MK II

KORUS K80 MKII

KORUS K50 MK II

KORUS K40 MKII

KORUS K30 MKII

KORUS K6 MKII

KORUS K5 MKII

KORUS KC6 MKII

KORUS KC5 MKII

Thank you for purchasing Ultimate loudspeakers. At Ultimate we strive to create loudspeakers engineered to deliver the best value in loudspeaker technology, for stereo or home-theatre applications.

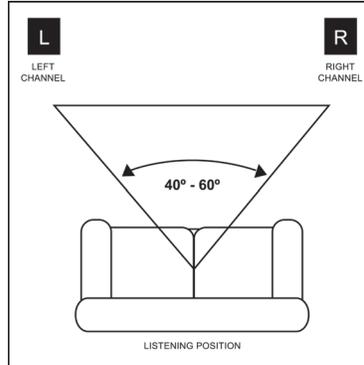
Ultimate loudspeakers are designed for ease of installation and will provide you with excellent sound quality for years to come. Reading this manual will assist you in getting acquainted with your Ultimate loudspeakers. To obtain servicing please contact your Ultimate representative. The original bill of sale is required for warranty service.

Step 1

Loudspeaker Placement

Placement of your loudspeakers will greatly affect their performance. The following guidelines should be considered:

- Placing the loudspeakers at least 6-8 feet (1.8-2.5m) apart will provide the best stereo sound and image.
- The shape of the room will affect the bass performance, especially when loudspeakers are placed in the corner of the room.
- Positioning the tweeters so that they play at the listeners ear level provides for optimum playback.
- Keeping the loudspeaker wire away from AC outlets will reduce interference.



The shape of the listening room and the furnishings will change the way your system sounds. The bass frequencies will generally be affected by the positioning and treatment of the room. There will be more perceived bass when a speaker is moved closer to a wall boundary. In general, however, loudspeakers should be kept away from side walls as much as possible, as these surfaces can adversely affect the stereo imaging experienced at the listening position. Positioning the loudspeakers at least 12-15" away from the side walls will generally provide the best performance.

Home-Theatre

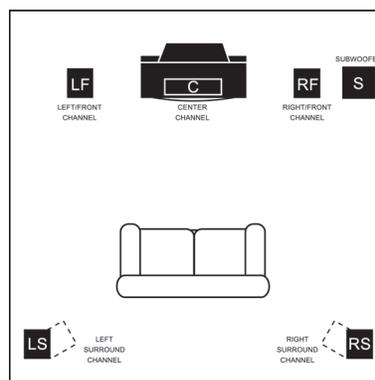
Today's home theatre systems typically comprise front loudspeakers, side and/or rear loudspeakers, a centre channel loudspeaker and a powered subwoofer. Building your system with loudspeakers of the same brand produces the best performance as the tonal characteristics will remain the same throughout your surround system.

Front Channels

Placement of your front loudspeakers is critical to the performance of your system. The 3 front loudspeakers should ideally be placed with the tweeters at the same height and the same distance from the main listening position. If this not possible, place the centre channel on top of, or just below, the television, with the front left and front right loudspeakers on either side of the TV monitor.

Rear Channels

Rear channel loudspeakers can be either floor standing or smaller bookshelf type loudspeakers. Bookshelf loudspeakers should be placed on stands or on a shelf to maximize their performance. Aiming the loudspeakers to the listening position or aiming them away from the listening position will provide different sound fields (direct or diffused), based on your preference.



Powered Sub

A powered subwoofer will reinforce the lower frequencies in any system and will also greatly enhance your stereo and home-theatre listening experience. Today's media, such as CD's, DVD's and other high quality music and movie software feature low frequency sounds that are difficult for most loudspeakers to reproduce. Adding a powered subwoofer will greatly improve the overall systems frequency response because it is designed to play the frequencies that your main loudspeakers cannot play efficiently. Your authorized Ultimate dealer can assist you in choosing the subwoofer that is right for you.

Step 2

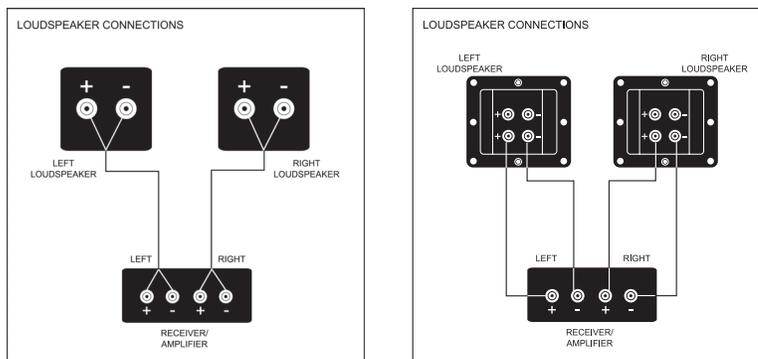
Connecting the loudspeakers

Before any connections are made, please ensure that all equipment in the system is turned off.

Loudspeaker wire throughout the system should be good quality, loudspeaker grade audio cable with polarity coding. For loudspeaker wire that runs less than 25 feet, the cable should be a minimum of 18 AWG, for loudspeaker wire that runs up to 50 feet, the cable should be 16 AWG and for loudspeaker wire that runs longer than 50 feet, the cable should be at least 14 AWG.

Installation:

Remove 3/8" of insulation from the end of the loudspeaker wires to be connected. Connect the positive lead of the loudspeaker wire (indicated with a "+" or other marking) to the Red (or positive) loudspeaker terminal. Connect the other loudspeaker wire lead to the Black (or negative) loudspeaker terminal. Connect the opposite end of the loudspeaker wire to your amplifier making sure that the polarity is preserved ("+" to "+" or Red to Red, and "-" to "-" or Black to Black – see diagram).



Step 3

Listening Test

To ensure that all connections have been made correctly, turn on your system and begin playback of material you are familiar with. Start off by listening at a low volume, then slowly raise the volume to a comfortable listening level. A proper stereo image should be present. If the loudspeakers do not produce a solid stereo image, please verify the wiring to ensure that the polarity of the connection is not reversed.

The KORUS K80 MK2 is equipped with powered subwoofers that provide tremendous bass performance. Once the speaker is connected and turned on, a red LED (Light Emitting Diode) will illuminate to indicate the speaker is in a standby mode. This LED will turn green during play. These speakers are also equipped with the following features to help adjust the bass of the speaker to your room and taste.

On/Auto/Off

Once connected to your receiver and plugged into the wall outlet, the speaker will need to be turned on and can be left in the "auto" position so it will sense a signal from your receiver and automatically turn on. The speaker will automatically switch into Standby mode once it does not sense a signal for approximately 10 minutes.

Gain

You can add or subtract bass to suit your taste by adjusting the gain control. Rotate the knob towards 0dB to remove bass or towards +6dB to add bass.

Input Toggle

Select "Hi Level Input" to draw bass signal from the speaker wire or select "LFE" (Low Frequency Extension) when connected via the receiver's Subwoofer output.

Maintenance

Ultimate loudspeakers are finished in a high gloss lacquer and black wood grain vinyl. Cleaning the loudspeakers should be done with a damp cloth. Chemical cleaners should be avoided, as they may damage the finish.

Specifications

MODEL	KORUS K80 MK2	KORUS K50 MK2	KORUS K40 MK2	KORUS K30 MK2	KORUS K6 MK2	KORUS K5 MK2	KORUS KC6 MK2	KORUS KC5 MK2
Description	3-Way Dual 6.5" Powered Tower Loudspeaker with Dual 8" Front Firing Subwoofers	2.5-Way Triple 6.5" Tower Loudspeaker	2-Way Dual 6.5" Tower Loudspeaker	2-Way 6.5" Tower Loudspeaker	2-Way 6.5" Bookshelf Loudspeaker	2-Way 5.25" Bookshelf Loudspeaker	2-Way Dual 6.5" Center Channel Loudspeaker	2-Way Dual 5.25" Center Channel Loudspeaker
Impedance	8 Ohms	8 Ohms	8 Ohms	8 Ohms	8 Ohms	8 Ohms	8 Ohms	8 Ohms
Sensitivity	92dB	90dB	90dB	89dB	88dB	88dB	89dB	89dB
Frequency Response	36Hz - 20kHz	40Hz - 20kHz	45Hz - 20kHz	55Hz - 20kHz	75Hz - 20kHz	80Hz - 20kHz	65Hz - 20kHz	70Hz - 20kHz
Max Power Handling	$\frac{300 \text{ Watts}}{200 \text{ Watts Integrated Amp}}$	250 Watts	200 Watts	150 Watts	100 Watts	85 Watts	150 Watts	100 Watts
Drivers	$\frac{\text{Dual 6.5" PolyMica Infusion cones}}{\text{Dual 8" PolyMica Infusion cones}}$	Triple 6.5" PolyMica Infusion cones	Dual 6.5" PolyMica Infusion cones	6.5" Polymer Enhanced Fiber cones	6.5" PolyMica Infusion cone	5.25" PolyMica Infusion cone	Dual 6.5" PolyMica Infusion cones	Dual 5.25" PolyMica Infusion cones
Tweeter	1" Titanium Dome	1" Titanium Dome	1" Titanium Dome	1" Titanium Dome	1" Titanium Dome	1" Titanium Dome	1" Titanium Dome	1" Titanium Dome
Dimensions (HxWxD)	49 ^{1/4"} x 10 ^{1/8"} x 16 ^{15/16"}	43 ^{5/16"} x 10 ^{1/8"} x 14 ^{15/16"}	40 ^{3/8"} x 10 ^{1/8"} x 14 ^{15/16"}	35 ^{1/2"} x 9 ^{1/2"} x 12 ^{1/4"}	17 ^{3/4"} x 8 ^{1/4"} x 9 ^{7/8"}	11 ^{3/4"} x 6 ^{3/4"} x 6 ^{3/4"}	7 ^{1/2"} x 22 ^{5/8"} x 7 ^{1/2"}	6 ^{3/4"} x 19 ^{3/4"} x 6 ^{3/4"}
Video Shielding	YES	YES	YES	YES	YES	YES	YES	YES

At Ultimate we continuously strive to update and improve our products.

As such the specifications indicated above are subject to change without notice.



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