

## Congratulations on choosing Krix

Your Krix speakers are designed to reproduce the highest quality sound. To get the best performance from your speakers please read this owner's manual carefully, there are many factors that influence the performance of your speakers. If you have any difficulties please speak with one of our friendly authorised Krix dealers.

Figure 1

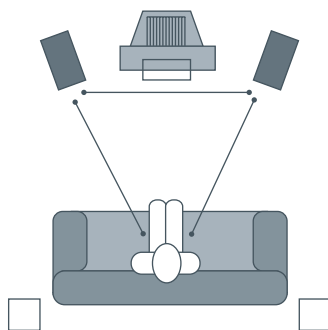


Figure 2

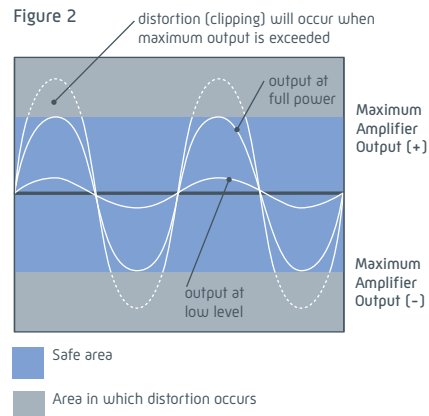


Figure 3

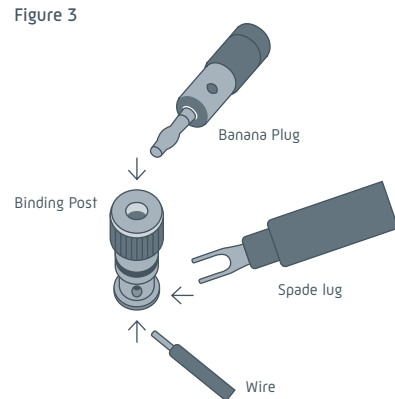


Figure 4

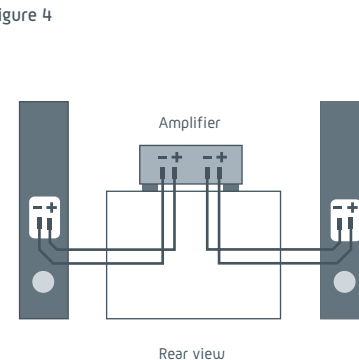


Figure 5

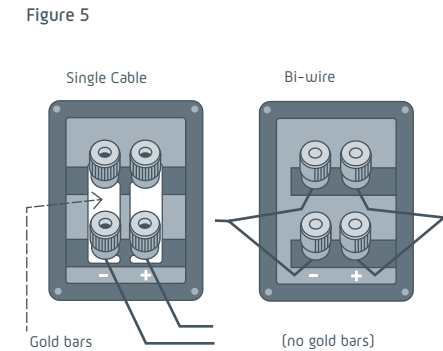
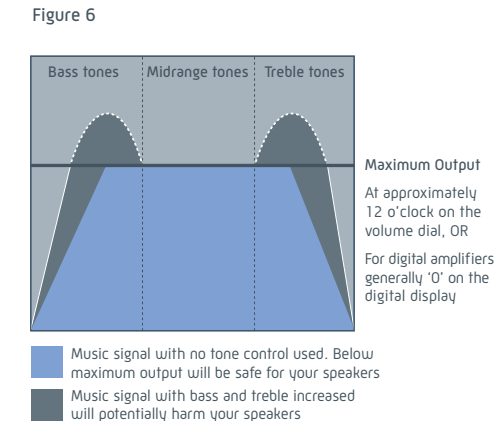


Figure 6



### positioning

Achieving the best position for your speakers may need some testing. As a guide there should be equal distances between the front left and right speakers and the listener (see figure 1). Position centre channel speakers, Microcentrix, KDX Centre and Centrix, directly above or below your television, and ideally aimed at head height when seated. Rear speakers (for home theatre) should be placed to each side and behind the listener.

Magnetically sensitive equipment (televisions, computer screens, CD's, video tapes etc) should be at least 50cm (1.64 feet) clear of the speakers to avoid interference. Krix models Microcentrix, KDX Centre, KDX Main, Centrix and Brix are magnetically shielded and will not interfere with this equipment.

Some tips for optimum sound performance:

1. Sound quality is decreased with lots of objects immediately surrounding the speakers.
2. Placing loudspeakers close to a wall or in corners can artificially boost the bass. Inserting vent plugs (if your model permits) can reduce the bass response to a more acceptable level. See 'speaker accessories' for more details.
3. Poor quality cables can result in loss of bass strength and clarity, particularly over long distances.
4. Rugs, wall coverings, curtains and soft furniture can improve sound in rooms with lots of bare surfaces like floorboards.

### amplifier and speaker power ratings

Krix speakers come with a maximum power rating. The rating gives you a guide to match the appropriate amplifier with your speakers.

When the input level to the amplifier is very high, as with CD/DVD players, maximum output power is reached on the amplifier before the volume dial is at full. When using a CD/DVD player, maximum output power can be at approximately 12 o'clock on the volume dial.

Amplifiers with the volume level shown on a digital display make it hard to judge when maximum power is reached. As a guide, we suggest that you do not exceed zero on the digital display.

Turning the volume dial past the amplifier's maximum output power will create distortion (clipping) (see figure 2). Inputting a distorted signal into your speakers over a prolonged period will damage them. You can damage a 200 Watt speaker with a 50 Watt/channel amplifier delivering a distorted signal just as easily as you can damage a 50 Watt speaker with a 200 Watt/channel amplifier delivering too much power. Running an amplifier at very high volume over a prolonged period can even damage a compatible speaker/amplifier combination. For more information contact your authorised Krix dealer or visit [krix.com](http://krix.com)

### connecting

To ensure optimum performance it is important that your speaker system is connected properly:

1. Turn off all electronic equipment and disconnect from the power point.
2. Follow the connection instructions supplied with your amplifier, CD/DVD, tape deck, video player etc.
3. Connect the speaker cables between the amplifier and the speakers with cables that are neatly stripped at the ends. Loose frayed wires could cause a short circuit. Unscrew the binding posts on both the amplifier and speaker and insert the wire through the hole in the shaft. Alternatively you can use Spade lugs or Banana Plugs (see figure 3).

4. Match the cables between the amplifier and the speakers positive (+) with positive (+) and negative (-) with negative (-). The left speaker must connect to the left channel and the right speaker to the right channel of the amplifier (see figure 4).
5. Bi-Wiring is available for Krix models Lyrix Gold, Symphonix and Neuphonix. Run two sets of speaker cables from your amplifier to each speaker. At the amplifier twist the two '+' wires together and the two '-' wires together and insert into the respective '+' and '-' terminals. At the speaker remove the gold plated joining bars completely (see figure 5), then from one of the cables insert the '+' and '-' wires into the top set of terminal posts and the other set into the bottom terminal posts. Krix model Esoterix may be tri-wired by following the same procedure with a third set of speaker cables.

### tone controls

Your Krix speakers do not require adjustment to the treble or bass. If you wish, you can adjust the tone controls for reasons of personal taste or room acoustics, however this may damage your speakers particularly when the amplifier is operating at maximum output (see figure 6). For more information please contact your authorised Krix dealer or visit [krix.com](http://krix.com).

### speaker accessories

**Vent plugs** - for Krix models: Apex 3, Lyrix Gold, Symphonix and Esoterix. Vent plugs are provided to fine tune the bass response below 50Hz. Vent plugs restrict the flow of air, reducing bass energy. They are supplied to allow the user to adjust the bass response to suit personal tastes when speakers are placed too close to walls and corners. Please note in most circumstances vent plugs are not required. The vent plug is placed in the specific hole in the back of the speaker.

**Floor spikes** - for Krix models: Lyrix Gold, Symphonix, Neuphonix and Esoterix. Floor spikes are used to lift the speaker from the floor, improving overall sound quality and providing a tighter bass response, particularly on wooden floors. Floor spikes need to be screwed into the spike barrel in the speaker plinth with the lock nut tightened down over the spike. To protect uncarpeted floors, place small metal discs or coins underneath the spikes.

### caring for your krix speakers

To clean your speaker cabinet gently wipe with a damp cloth. Do not rub hard on the cabinet in one spot, you will leave a polished spot. The cloth grille, bass driver(s) and tweeter can be dusted by using a soft bristled brush to gently remove excess dust. To remove the cloth grille firmly grip the edges and gently pull away to reveal the front baffle and drivers. To reinstall the grille, line up grille clips with small holes in the front baffle and gently push until locked in place. Wherever possible, do not touch the tweeters, they are fragile and easily damaged.

Thankyou for choosing Krix

Krix Loudspeakers Pty Ltd  
14 Chapman Road  
Hackham SA 5163  
Australia

T 61 8 8384 3433  
F 61 8 8384 3419  
listen@krix.com

[krix.com](http://krix.com)

