



# KIN SUB 10

OWNERS MANUAL

**KINBYTOTEM.COM**

2024

# Congratulations

We sincerely thank you for having granted KIN by Totem's KIN SUB 10 the special place in your living environment.

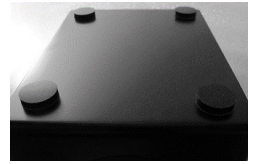
This subwoofer was designed to redefine your musical understanding and open corridors of new experiences. A compact, reference sub designed to seamlessly blend with your KIN and Totem speakers in any stereo or home theatre application.

## OUR VISION

Created in 1987, Totem's mission is to develop loudspeakers capable of producing an involving performance that is true to the artist's intention. Totem Acoustic's KIN "sub brand" was introduced in 2014, born from a desire to engage a wider audience by offering affordable solutions for today's audio capable devices. Fast forward ten years and KIN has evolved into a full-fledged loudspeaker series, featuring both powered Bluetooth and passive loudspeakers, a soundbar, subwoofers, and an integrated amplifier/DAC with both aptx™ HD Bluetooth and phono stage and HDMI ARC. Totem's DNA abounds throughout KIN, allowing for ease of placement while providing a lifelike sonic experience in any application, be it for music, movies or gaming, etc. Ultimately, Totem and KIN models can seamlessly integrate virtually in any setting.



## Decoupling



The KIN SUB 10 includes 4 adhesive backed feet. These feet help acoustically isolate the cabinet from the floor, preventing resonances, vibrations, and other unwanted effects that can have negative effects on the performance. It is strongly recommended that they be used so the subwoofer can perform at its full potential.

Place the subwoofer upside down. To prevent scratching the surface of the subwoofer, place the subwoofer on a soft surface like a carpet or a similarly soft, nonabrasive surface.

Remove the backing from the adhesive feet and attach them to the corners of the subwoofer.

Return the subwoofer to its upright position.

Place it in its desired location.

Make the suitable connections.

Enjoy powerful yet musical bass enhancement.

# Important Safety Instructions

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized plug. A polarized plug has two blades with one wider than the other. The wide bladed is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Unplug this apparatus during lightning storms or when unused for long periods of time.
13. The equipment shall be used at maximum 40 degree C ambient temperature.
14. Do not open the equipment to reduce the risk of electrical shock. For safety reasons it is only allowed to be opened by qualified service personnel.
15. **WARNING:** To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. And the apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.
16. The MAINS plug or appliance inlet is used as the disconnect device and shall remain readily operable.
17. The product shall be used on open bench.
18. No naked flame sources, such as lighted candles, should be placed on the apparatus.
19. The use of apparatus in tropical climates. -
20. Minimum 10cm distances around the apparatus for sufficient ventilation
21. The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, tablecloths, curtains, etc.
22. **WARNING**  
Do not ingest the battery, Chemical burn hazard  
(The remote control supplied with) This product contains a coin/button cell battery. If the coin/button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death.
23. **Warning:** the apparatus with CLASS I construction shall be connected to a MAINS socket outlet with a protective earthing connection.

## IMPORTANT SAFETY INSTRUCTIONS



### WARNING / ADVERTISSEMENT

RISK OF ELECTRIC SHOCK. DO NOT OPEN  
RISQUE DE CHOC ÉLECTRIQUE. NE PAS OUVRIR.



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

## WARNING

### Do not ingest the battery, **Chemical burn hazard**

(The remote control supplied with) This product contains a coin/button cell battery. If the coin/button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death.

Keep new and used batteries away from children.

If the battery compartment does not close securely, stop using the product and keep it away from children.

If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.

## CAUTION

Danger of explosion if battery is incorrectly replaced.

Replace only with the same or equivalent type.

## FCC Warnings

This device complies with Part 15 of the FCC rules. Operation is subject to the following conditions:

(1) This device may not cause harmful interference; and (2) this device must accept any interference received, including interference that may cause undesired operation.

**NOTE 1:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

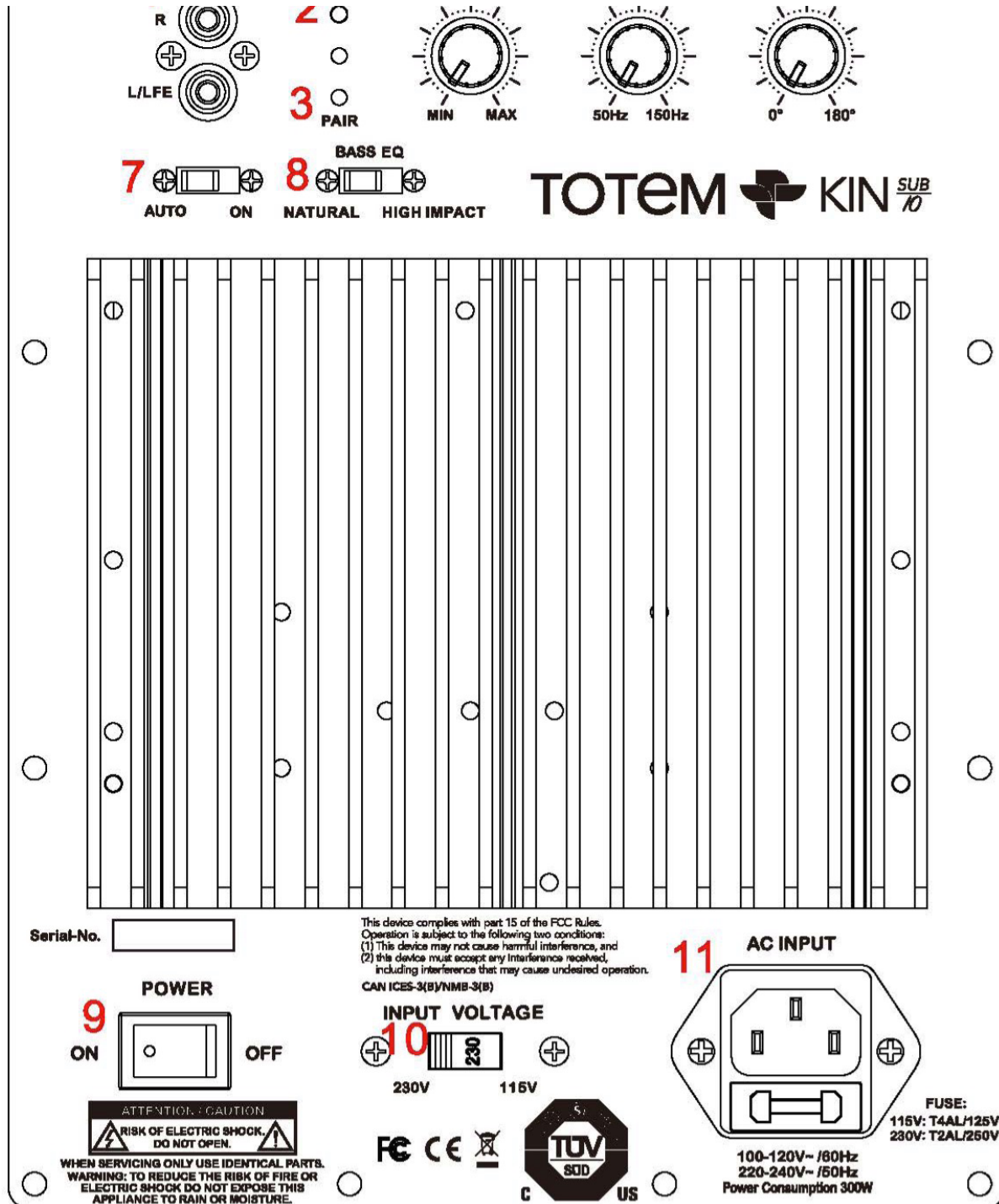
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**NOTE 2:** Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

## IC WARNING

This device complies with Industry Canada's license-exempt RSSs. Operation is subject to the following two conditions: (1) This device may not cause interference; and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

# Controls/ CONNECTIONS





# KIN SUB 10

**1) Inputs: (LINE IN RIGHT&LEFT/LFE)** When using a surround receiver or processor equipped with a single LFE or Subwoofer Output, use the single LFE connection. If the component has both stereo Left and Right outputs, then connect to both the Left and Right inputs. See Connections for more explanations on setting up your subwoofer.

**2) LED: GREEN=ON**

**RED=STANDBY**

**BLUE=WIRELESS**

**3) PAIR:** The KIN Sub 10 can be connected wirelessly in tandem with the Totem Link Wireless Transmitter. Pushing the PAIR button on the Link and then on the sub will pair them. Consult the LINK manual for wireless connection set up.

**4) Volume:** When setting the volume control at the subwoofer, begin with your main speakers playing at a normal listening level and the volume control of the subwoofer in MIN position. Then, slowly turn up the volume until the desired bass level is achieved. Bass output will then be regulated in conjunction with the speakers by your amplifier's volume.

**5) Frequency:** This control determines the frequencies the subwoofer will play. This frequency is manually controlled and is continuously variable between 50-150Hz. Generally, Totem speakers are set between 40 and 70 Hz for floor-standing speakers and 70Hz and above for Bookshelf speakers. 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.

**6) Phase:** Adjusts the phase of the Totem subwoofer to your main speakers. When in phase, the system will produce a much fuller bass response. The simplest way to adjust the phase of your system is to have a second individual to adjust the phase dial as you are sitting in the listening position.

**7) Power Mode:** In the AUTO setting, the KIN Sub 10 will automatically wake from standby when it senses an incoming signal and return to standby when no signal is present. In the ON mode, the sub will always stay on and not go into a standby mode, even if a signal is not present.

**8) BASS EQ:** The Natural setting is pure and linear, providing tight, musical bass. High Impact increases the output by several dB in the lower range of its frequencies, often preferred in home theater and gaming.

**9) Main Power:** Turns the power ON or OFF. This only needs to be set to ON once, then the subwoofer will go into standby mode when a signal is no longer present.

**10) VOLTAGE:** 220-240v or 100-120v. This is set by Totem, based on where the item was shipped. It is not recommended to modify this switch unless you are sure of the voltage in your country.

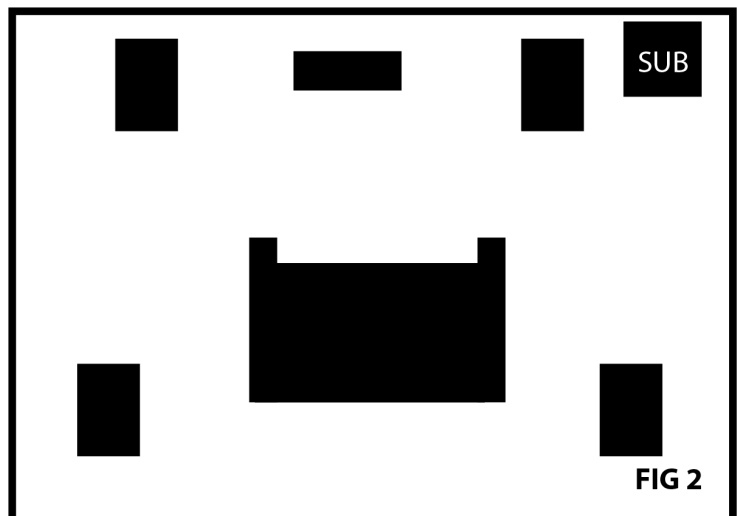
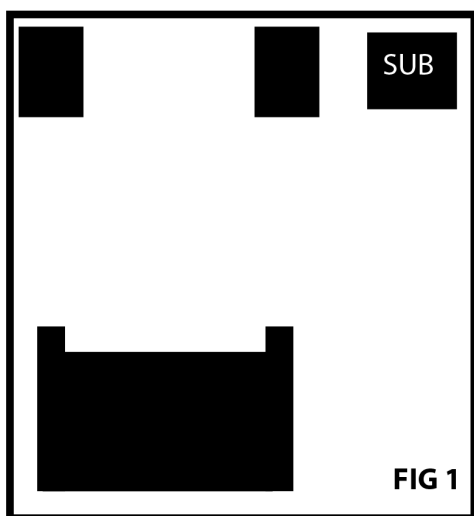
**11) AC Input:** The included power cord connects here. This module also holds the accessible fuse.

## Placement

To achieve maximum performance your **KIN SUB 10** requires proper positioning. We suggest you experiment with the location during your setup to find where it sounds best while seated in your listening position.

When using the subwoofer in a stereo setup its ideal location is generally between the main speakers or closely positioned beside them. See **Fig. 1**.

When a Totem subwoofer is used in a home cinema system it is recommended to place it in a corner. See **Fig.2**. Be careful not to place the subwoofer too close to the corner, or it will start to sound congested, causing detail loss. Also make sure not to place the sub equidistant from the two walls in your corner. The **KIN SUB** is slot ported in the rear of the cabinet and should not be placed flush to the wall.



One method of finding your preferred location starts with placing the connected sub in the main listening location. Then, while content with good bass output is playing, slowly walk the perimeter of the room. You will find that bass is stronger and tighter in some locations and substantially weaker and less defined in others. When you have found the area where you feel bass sounds best, place the subwoofer there. You will now find the performance you want from the listening position. As every room is different, experimentation is the key to determining the optimal location for the the KIN subwoofer. Always keep in mind that frequency response and output level can be significantly affected / influenced by placement all depending on the room's acoustic properties.

**Caution!** This subwoofer has electronics built into the cabinet. Do not place the cabinet next to sources of heat such as furnace registers, radiators, etc. Do not place the unit near sources of excessive moisture, such as evaporative coolers, humidifiers, etc. The power cord should be routed in such a way that it will not be walked on, pinched, or compressed in any way that could result in damaging the insulation or wire.



# CONNECTIONS

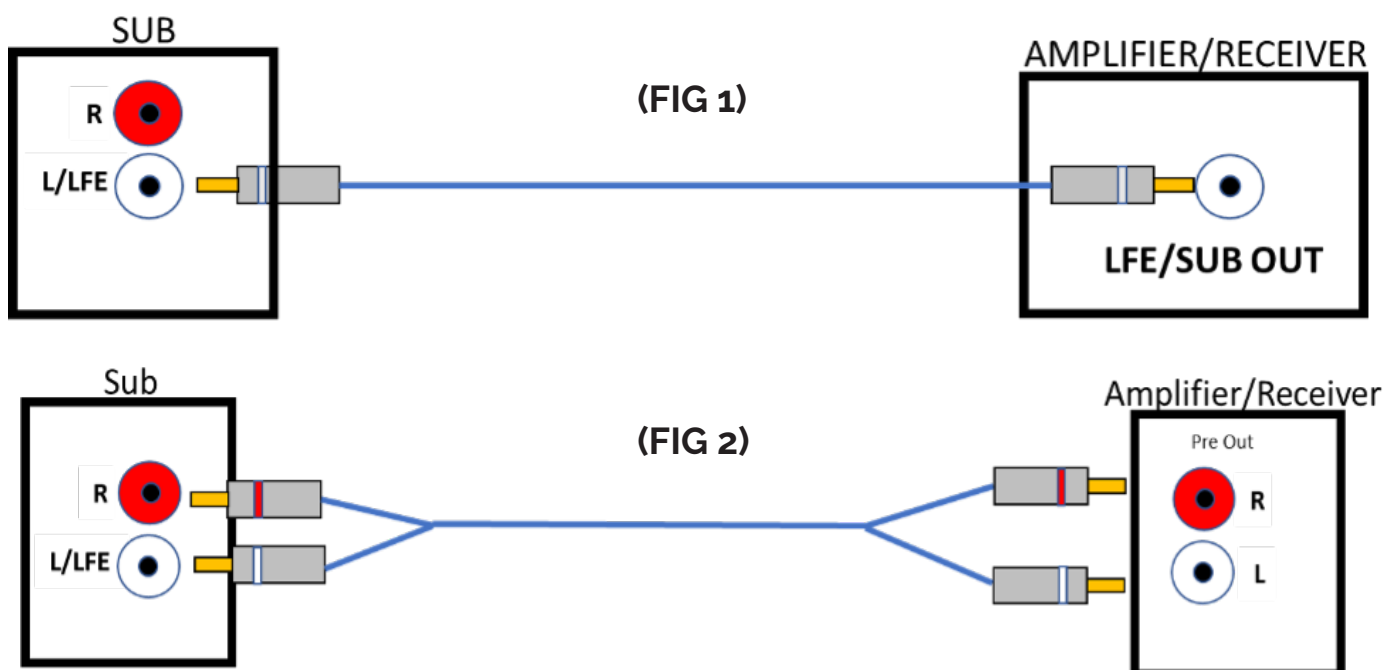
Prior to making any connections ensure the power switch is set to OFF and the VOLUME dial is set to its minimum value.

**LFE/Sub Out Connection:** This is the most popular method for connecting a subwoofer and is used with most stereo receivers, surround receivers, and some integrated amplifiers.

This method requires setup in the bass management section of the receiver to determine which frequencies are sent to the subwoofer and speakers. Speakers can be set to large or small, the crossover point can be set, and even the volume output are all regulated within the bass management section. Set Volume to 80%, Crossover to its highest point, and Phase at 0 on the subwoofer when using it in conjunction with any type of bass management or room correction software.

**Pre-Out connection:** This method is typically used with integrated amplifiers and some stereo receivers. The speakers will continue to reproduce bass frequencies and you must use the subwoofer's controls to find the perfect blend between it and the speakers.

**LFE/Sub Out Connection (FIG 1):** This is the simplest and most common connection. It works for any receiver or amp with a dedicated subwoofer output. Use a subwoofer cable to connect the amp/receiver's SUB or LFE Output to the L/LFE (Low Frequency Effect) input on the sub.



**Stereo Pre-Out (FIG 2):** If the amplifier/receiver is equipped with stereo (Right and Left) Pre Outputs then it can be connected to the subwoofer's right and left inputs with a stereo RCA wire. This is a common connection with integrated amplifiers.

The LED will turn green when the subwoofer receives a signal and has started producing sound.

# WIRELESS CONNECTION

The KIN SUB 10 can be connected wirelessly in tandem with the Totem Link wireless transmitter.

The pairing button and blue LED on the amp panel is used in conjunction with the transmitter

## Specifications

**Design:** Powered Subwoofer

**Enclosure:** Sealed

**Amplifier:** Class D 300 watts

**Woofers:** 10" cone composed of high tensile spun fiberglass strands top coated and bonded to a cellulose core. Driven by vented magnet assembly utilizing an oversized ferrite magnet assembly. Butyl rubber surround.

**Voice coil:** High temperature enamel resin coated copper wire wound on a vented aluminum former

**Frequency response:** 27 Hz - 200 Hz

**Crossover:** Variable from 50Hz to 150Hz, 24dB/Octave

**Phase:** Variable from 0 to 180 degrees

**Volume:** Variable

**Inputs:** Stereo RCA/LFE/Wireless

**Power modes:** Auto/On

**Dimensions (HxWxD) :** 13" x 11.5" x 13.5" / 330mm x 292mm x D 345mm

**Weight:** 30.86lb / 14kg

The subwoofer requires at least 85-100 hours of actual break-in time period. During this time, refrain from playing the unit at very loud levels. You will notice a definite gradual improvement as your unit breaks in. Should servicing be required please contact your Totem Authorized Dealer.

# Environmental Information



■ This appliance is labeled in accordance with European Directive 2002/96/ EC concerning waste electrical and electronic equipment (WEEE). This label indicates that this product should not be disposed of with household waste. It should be deposited at an appropriate facility to enable recovery and recycling.

## Product Registration

We very much would appreciate if you took the time to register your product online. Product registration leads to quicker assistance and more efficient support in the rare case that your speaker should have a problem. This can be done quickly and easily in the support section of our site:

<https://kinbytotem.com/register-your-product/>

## CONTACT US

We are always listening to your feedback. Please feel free to communicate any opinion or question with us.

<https://kinbytotem.com/contact/>



## Totem Limited Warranty

Please register online at [www.kinbytotem.com](http://www.kinbytotem.com) within two weeks of the purchase date. The Totem speakers must be purchased from a TOTEM AUTHORIZED DEALER or from any of our online authorized platforms.

Keep your original bill or receipt obtained from your Totem Authorized Dealer.

Retain the sturdy carton and all packing material; all warranty repairs are required to be shipped in their original packaging. This ensures no damage during transportation.

All Totem products are created with the utmost care and quality in mind. If ever a problem should arise, Totem's speakers are covered by a two (2) year limited warranty on the amplifier and 5 years on the drivers, starting from the date of purchase. **Remotes are covered for one year.** The Totem limited warranty applies to products in normal home use only. The warranty is void if serial numbers have been altered or removed. The warranty is void if products show signs of abuse. The warranty is void if the speakers have been tampered with. Totem KIN Play Tower II speakers require 75-100 hours of actual music playing time as a minimal break-in period. During this time, refrain from playing them at very loud levels. You will notice a definite gradual improvement in the cohesiveness of the music reproduction as this occurs.

We reserve the right to any future change or modification without notice. For further assistance, contact your TOTEM AUTHORIZED DEALER or visit the Warranty section of the KIN BY TOTEM website at <https://kinbytotem/warranty/>

