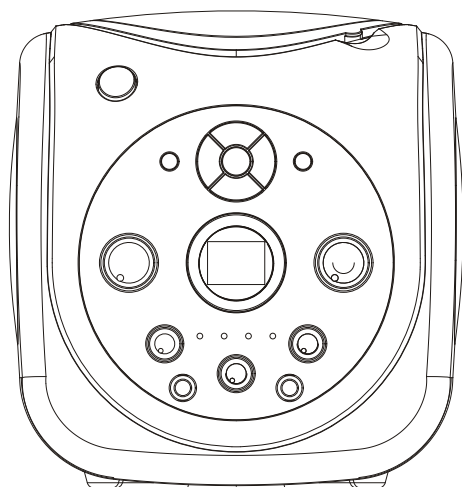




# INSTRUCTION MANUAL

Model: NK-200



## TOP LOADING KARAOKE SYSTEM



### CAUTION

RISK OF ELECTRIC SHOCK  
DO NOT OPEN

### ATTENTION

RISQUE DE CHOC ELECTRIQUE  
NE PAS OUVRIR



**CAUTION:** TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL. (The Caution Marking is located at the rear enclosure of the unit and Rating Label is located at the rear enclosure of the unit.)

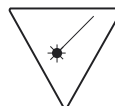
**ATTENTION :** POUR RÉDUIRE LE RISQUE DE CHOC ÉLECTRIQUE, TENTEZ PAS D'OUVRIR LE BOÎTIER DE CET APPAREIL CAR IL NE CONTIENT AUCUNE PIÈCE RÉUTILISABLE. CONFIEZ TOUTE RÉPARATION À DU PERSONNEL QUALIFIÉ. Les mises en garde et avertissements sont apposés à l'endos et la plaque signalétique en dessous de l'appareil.



**DANGEROUS VOLTAGE:** 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.



**ATTENTION:** 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.



**DANGER:** This symbol is intended to alert the user to the risk of exposure to invisible and hazardous laser radiation if the cover or back is opened and the interlock fails or is defeated. Direct exposure to the beam may damage your eyesight.

**INFORMATION:** This equipment may generate or use radio frequency energy. Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in the instruction manual. The user could lose the authority to operate this equipment if an unauthorized change or modification is made.

**INFORMATION:** 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.

**WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.**

**LASER SAFETY:** This unit employs a laser. Only qualified service personnel should attempt to service this device due to possible eye injury.


**CAUTION:** THIS PRODUCT UTILIZES A LASER. USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE. DO NOT OPEN COVER AND DO NOT REPAIR YOURSELF. REFER SERVICING TO QUALIFIED PERSONEL.

**SURGE PROTECTORS:** It is recommended to use a surge protector for AC connection. Lightning and power surges ARE NOT covered under warranty for this product.

**ATTENTION:** POUR ÉVITER LES CHOC ÉLECTRIQUES, INTRODUIRE LA LAME LA PLUS LARGE DE LA FICHE DANS LA BORNE CORRESPONDANTE DE LA PRISES ET POUSSER JUSQU'AU FOND.

This Class B digital apparatus complies with Canadian ICES-003.

## 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 a dry cloth.
  7. Do not block any of the ventilation openings. Install in accordance with the manufacturers 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 or grounding - type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. When 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. Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
  13. Unplug this apparatus during lightning storms or when unused for long periods of time.
  14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
  15. Do not expose this product to dripping or splashing. Do not place objects filled with liquid, such as a vase, on the product.
  16. Main plug is used as disconnect device and it should remain readily operable during intended use. In order to disconnect the apparatus from the mains completely, the mains plug should be disconnected from the mains socket outlet completely.
  17. CAUTION: To reduce the risk of fire or explosion, do not expose batteries to excessive heat such as sunshine, fire or other heat sources.
-  This symbol means that this unit is double insulated. A ground connection is not required.
18. Battery shall not be exposed to excessive heat such as sunshine, fire or the like.



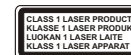
### WARNING

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

### CAUTION

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

This Compact Disc player is classified as CLASS 1 LASER product.



### CAUTION!

Invisible laser radiation when open and interlocks defeated. Avoid exposure to beam.



## A FOR SAFE AND EFFICIENT OPERATION

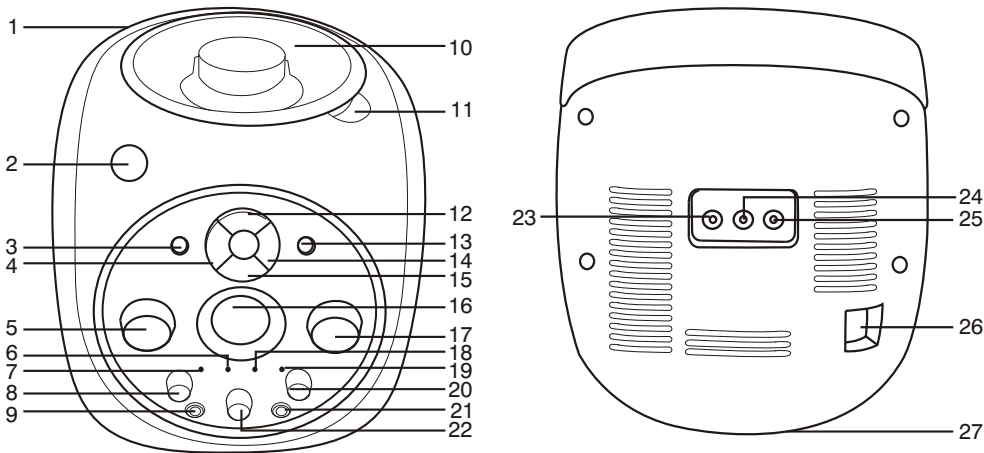
- Do not damage the mains lead. When not in use, disconnect the mains lead from the outlet. Grasp the plug, not the mains lead, when disconnecting the unit.
- If water should enter the unit, electrical shock or a malfunction may result. Use in an area where there is low humidity and little dust.
- Do not disassemble or alter the unit in any way.
- Do not use the unit in areas where extremes in temperature occur (below 5°C or exceeding 35°C), or where it may be exposed to direct sunlight.
- Because of the CD player's extremely low noise and wide dynamic range, there is a tendency to turn the volume on the amplifier higher than necessary. Doing so may produce an excessively high output from the amplifier which can cause damage to your speakers. Please be careful in this regard.
- Sudden changes in the surrounding temperature can cause dew to form on the optical pickup lens inside the unit. Under this condition the unit may be unable to operate properly. If this should occur, remove the disc and allow the player to adjust to the surrounding temperature.
- This unit must be operated in a horizontal position.
- Please use the original CD software, and any copy discs are not recommendable for use.
- The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, table-cloths, curtains, etc;
- No naked flame sources, such as lighted candles, should be placed on the apparatus;
- It shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus;
- Do not place the product in closed bookcases or racks without proper ventilation.
- Where the mains plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

- Batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like.
- Excessive sound pressure from earphones and headphones can cause hearing loss.

To prevent fire or shock hazard, do not expose this appliance to dripping or splashing. No objects filled with liquids, such as vases, shall be placed on the apparatus.

**THIS UNIT SHOULD NOT BE ADJUSTED OR REPAIRED BY ANYONE EXCEPT PROPERLY QUALIFIED SERVICE PERSONNEL.**

## B CONTROLS



- |                          |                          |                                |
|--------------------------|--------------------------|--------------------------------|
| 1. Carrying Handle       | 10. CD Compartment lid   | 19. PROGRAM Indicator          |
| 2. POWER Button          | 11. CD OPEN (PUSH)       | 20. ECHO Control               |
| 3. REPEAT Button         | 12. PLAY/PAUSE(▶▶)Button | 21. MIC 2 Jack                 |
| 4. SKIP(◀◀)Button        | 13. PROGRAM Button       | 22. AVC ( Auto Voice ) Control |
| 5. MASTER VOLUME Control | 14. SKIP(▶▶)Button       | 23. VIDEO OUT Jack             |
| 6. PLAY Indicator        | 15. Stop (■) Button      | 24. AUDIO OUT (Right) Jack     |
| 7. POWER Indicator       | 16. Display              | 25. AUDIO OUT (Left) Jack      |
| 8. BALANCE Control       | 17. MIC VOLUME Control   | 26. AC Jack                    |
| 9. MIC 1 Jack            | 18. REPEAT Indicator     | 27. Battery Compartment        |

## C OPERATION OF REMOTE HANDSET

NO.	Button Name	Operation
1.	Power button	Press the POWER button to turn the unit on, Press the POWER button again to turn it off.
2.	Play/Pause button	① Press the PLAY/PAUSE(▶▶) button; playback will start automatically and the play indicator will light. ② Press the PLAY/PAUSE(▶▶) button again to pause playback; the play indicator will blink.
3.	Stop (■) button	Press the stop(■) button to stop the disc before it is finished
4.	SKIP (◀◀) /SKIP(▶▶) button	1. To skip forward or backward through the tracks on the disc, Press the SKIP(◀◀) or SKIP(▶▶) button. 2. To search forward or backward through the music on a disc, Press and hold the SKIP(◀◀) or SKIP(▶▶) button.
5.	Repeat button	In play mode, to repeat a single track, press the REPEAT button once, the PRT indicator will blink. Press the SKIP(◀◀) or SKIP(▶▶) button to select the specific track that you wish to repeat. To repeat all the track on a disc continuously, Press the REPEAT button all disc, the PRT indicator will stand still.
6.	Program button	With the power on and the unit in the stop mode, Press PROG button; the PROG indicator will blink and "1" will appear then "0" will blink in the display. Use the SKIP(◀◀) or SKIP(▶▶) button to select the first track to be programmed. Press the PROG button again, The selected track has now been programmed and counted as program 1. Repeatly operate to program the other desired tracks in sequence, up to 20 tracks.
7.	Balance control	Rotating balance control button to adjust channel balance. Rotating the R channel L volume reduce, Rotating the L channel R volume reduce.
8.	Master Volume control	Adjust the MASTER VOLUME control as desired.
9.	MIC Volume control	Adjust the MIC VOLUME control as desired.
10.	ECHO control	Rotate the ECHO control clockwise to increase the echo or counterclockwise to decrease the echo.
11.	AVC (auto voice) control	In karaoke mode, after rotating the AVC button, human voice eliminate automatically while singing.

## **D AUDIO AND VIDEO JACK CONJUNCTION**

1. Yellow jack conjunction television Video importation.
2. Red and white jack conjunction television Audio the R/L input or the Audio R/L of the other.

## **E SPECIFICATIONS**

### SPECIFICATIONS AND FEATURES

Power Supply	: AC: 120V / 60Hz; DC: 12V (8 "C")
Power Consumption	: 12W
Speaker	: 3" x 2, 8 ohm 2W
Display	: 2 digit red LED
Dimensions	: 190(W) x 209(H) x 200(D) mm
Weight (approx)	: 1.8 Kg (excluding batteries)

- Specifications subject to change without notice.

# naxa

## SISTEMA DE KARAOKE PORTATIL CON CD / CD + GRAFICOS

Model: NK-200

### MANUAL DE OPERACION

FAVOR DE LEER COMPLETAMENTE EL MANUAL  
ANTES DE INSTALAR Y OPERAR ESTE PRODUCTO.  
CONSERVAR EL MANUAL PARA FUTURAS  
REFERENCIAS

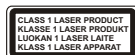
#### ADVERTENCIA

PARA REDUCIR EL RIESGO DE FUEGO O CHOQUE ELECTRICO, NO EXPONER ESTE PRODUCTO A LA LLUVIA O HUMEDAD, AL GOTEJO O SALPICADURA DE AGUA

#### PRECAUCION

El uso de controles, ajustes o procedimientos diferentes a los explicados en este manual pueden ocasionar exposición a radiación láser peligrosa.

Este reproductor de disco compacto es clasificado como un producto LASER CLASE 1.



#### PRECAUCION

Radiación láser invisible al abrir y liberar los seguros.  
Evitar la exposición a la radiación láser.



### A. PARA UNA OPERACIÓN EFICIENTE Y SEGURA

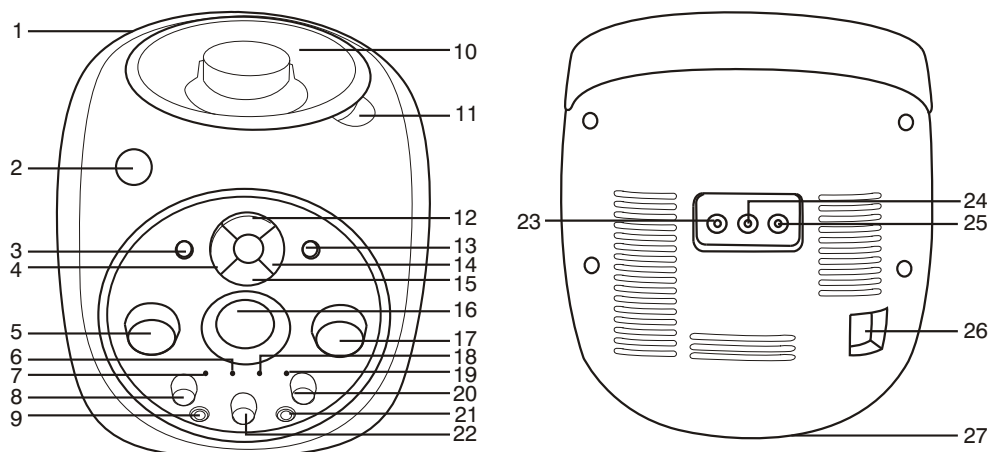
- No dañar el cordón de alimentación. Si la unidad no va ser usada, apagarla y desconectar el cordón de alimentación del tomacorriente. Al desconectar el cordón de alimentación sujetarlo de la clavija y no jalar del cordón para evitar daños al mismo.
- Si entra agua a la unidad, esto puede resultar en mal funcionamiento y/o riesgo de choque eléctrico. Usar la unidad en áreas con baja humedad y poco polvo.
- No desarmar o modificar la unidad en cualquier forma.
- No usar la unidad en áreas donde pueden haber temperaturas extremas (menores a -5 °C o mayores a 35 °C) o donde este expuesta bajo los rayos directos del sol.
- Debido a que en el reproductor el ruido es extremadamente bajo y el rango dinámico es extenso, hay una tendencia para que el volumen en el amplificador sea más alto de lo necesario. Hacer esto puede producir una salida excesivamente alta del amplificador lo que puede causar daños a las bocinas. Favor de tener cuidado con esta consideración.
- Cambios repentinos en la temperatura ambiente pueden causar condensación de humedad en el lente láser en el interior de la unidad. Bajo esta condición la unidad puede no operar de manera adecuada. Si esto ocurre, remover el disco compacto y esperar hasta que la temperatura ambiente en la unidad se estabilice.
- Esta unidad debe ser operada de forma horizontal, sobre una superficie nivelada y estable.
- Favor de usar discos compactos originales. No se recomienda el uso de discos copiados.
- No se debe impedir la adecuada ventilación de la unidad cubriendo las ranuras de ventilación con periódico, franelas, cortinas, etc.
- No colocar la unidad cerca de fuentes con flama como velas, veladoras, etc.
- La unidad no debe ser expuesta al goteo o salpicadura de agua y no colocar objetos llenos con líquidos como vasos sobre la unidad.
- No colocar la unidad en librerías cerradas o estantes sin ventilación adecuada.
- Desconectar el cordón de alimentación del tomacorriente cuando la unidad no vaya ser usada por un periodo largo de tiempo.

- Las baterías usadas no deben ser expuestas al calor excesivo como bajo los rayos directos del sol, fuego o similares.
- Escuchar la unidad con los audífonos a un nivel de volumen excesivamente alto puede causar daños al sistema auditivo.

Para prevenir riesgo de fuego o choque eléctrico, no exponer la unidad al goteo o salpicadura de agua. No colocar objetos llenos con líquidos como vasos sobre la unidad

**ESTA UNIDAD SOLO DEBE SER AJUSTADA O REPARADA POR EL CENTRO DE SERVICIO AUTORIZADO**

### B. DESCRIPCIÓN DE LA UNIDAD



- |                              |  |   |
|------------------------------|--|---|
| 1. Agarradera.               | 10. Área para abrir la puerta del disco compacto | 20. Control de ECO                          |
| 2. Botón de PODER            | 11. Botón de REPRODUCIR/ PAUSAR (▶▶)             | 21. Conector de MICROFONO 2                 |
| 3. Botón de REPETIR          | 12. Botón de REPRODUCIR/ PAUSAR (▶▶)             | 22. Control AVC (Voz automática)            |
| 4. Botón de SALTAR (◀◀)      | 13. Botón de PROGRAMA                            | 23. Conector de SALIDA DE VIDEO             |
| 5. Control de VOLUMEN        | 14. Botón de SALTAR (▶▶)                         | 24. Conector de SALIDA DE AUDIO (Derecho)   |
| 6. Indicador de REPRODUCCION | 15. Botón de DETENER (■)                         | 25. Conector de SALIDA DE AUDIO (Izquierdo) |
| 7. Indicador de PODER        | 16. Pantalla                                     | 26. Conector de entrada de Vca              |
| 8. Control de BALANCE        | 17. Control de VOLUMEN DEL MICROFONO             | 27. Compartimiento de baterías              |
| 9. Conector de MICROFONO 1   | 18. Indicador de REPETIR                         |   |
|                              | 19. Indicador de PROGRAMA                        |   |

## C. OPERACIÓN DE LA UNIDAD

NO.	PARTE	OPERACIO
1.	Botón de PODER	Presionar el botón de "PODER" para encender la unidad. Presionar el botón de "PODER" nuevamente para apagar la unidad.
2.	Botón de REPRODUCIR/ PAUSAR (▶  )	1).Presionar el botón ( ▶  ) para iniciar la reproducción y el indicador de reproducción se enciende. 2).Durante la reproducción, presionar ( ▶  ) para pausar la reproducción y el indicador de reproducción empieza a destellar. Presionar ( ▶  ) nuevamente para volver a la reproducción desde el punto donde se pauso.
3.	Botón de DETENER ( ■ )	Durante la reproducción, presionar ( ■ ) para detener la reproducción.
4.	Botones de SALTAR (◀◀/▶▶)	Presionar el botón (◀◀) o (▶▶) para saltar pistas hacia atrás o hacia delante respectivamente.
5.	Botón de REPETIR	En el modo de reproducción, presionar el botón de "REPETIR" una vez para repetir una pista y el indicador de repetir empieza a destellar. Presionar el botón ( ◀◀) o ( ▶▶) para seleccionar la pista que desea repetir. Para repetir todas las pistas del disco continuamente, presionar el botón de "REPETIR" nuevamente y el indicador de repetir permanece encendido. Para cancelar la función de repetir, presionar el botón de "REPETIR" por tercera vez y el indicador de repetir se apaga.
6.	Botón de PROGRAMA	En el modo detenido, presionar el botón de "PROGRAMA" el indicador de programa empieza a destellar y aparece "1" entonces en la pantalla empieza a destellar "0". Presionar el botón (◀◀) o (▶▶) para seleccionar la primera pista que desea programar, presionar el botón de "PROGRAMA" nuevamente y la pista seleccionada es almacenada en memoria como programa 1. Repetir la operación para programar las demás pistas en el orden deseado. Hasta 20 pistas pueden programarse.
7.	Control de BALANCE	Girar el control de "BALANCE" para ajustar el balance de las salidas de audio. Girar el control a la posición de "R" y el volumen de la salida de audio izquierda se reduce. Girar el control a la posición de "L" y el volumen de la salida de audio derecha se reduce. Colocar el control de balance en la posición intermedia para tener el mismo volumen en la salida de audio izquierda y derecha.
8.	Control de VOLUMEN	Girar el control de "VOLUMEN" para ajustar el volumen al nivel deseado.
9.	Control de VOLUMEN DEL MICROFONO	Girar el control de "VOLUMEN DEL MICROFONO" para ajustar el volumen del micrófono al nivel deseado.
10.	Control de ECO	Girar el control de "ECO" en sentido de las manecillas del reloj para incrementar el efecto de eco o girarlo en sentido contrario de las manecillas del reloj para disminuir el efecto de eco.
11.	Control de AVC (Voz automática)	En el modo de Karaoke, girar el control de "AVC" y la voz humana se elimina automáticamente mientras canta.

## D. CONEXIÓN DE LOS CONECTORES DE SALIDA DE AUDIO Y VIDEO

1. Usar un cable de Audio/Video "A/V" para realizar la conexión de la unidad a la TV.
2. Conectar el conector de salida de video "Amarillo" de la unidad al conector de entrada de video "Amarillo" de la TV.
3. Conectar los conectores de salida de audio izquierdo y derecho "Rojo" y "Blanco" a los conectores de entrada de audio izquierdo y derecho "Rojo" y "Blanco" de la TV.

## E. ESPECIFICACIONES

FUENTE DE ALIMENTACION:	Vca :120 V~ 60 Hz Vcc :12 Vcc (8 x 1,5 Vcc baterías "C")
POTENCIA DE ENTRADA:	12 W
BOCINAS:	2 x 7,62 cm (3") / 2 W 8 OHM
PANTALLA:	PANTALLA DE DOS DIGITOS DE LEDS ROJOS
DIMENSIONES:	190 x 209 x 200 mm aproximadamente
PESO:	1,8 kg aproximadamente (sin baterías)

LAS ESPECIFICACIONES Y EL DISEÑO DE ESTE PRODUCTO ESTAN SUJETOS A CAMBIOS SIN PREVIO AVISO PARA MEJORAS DE LOS MISMOS