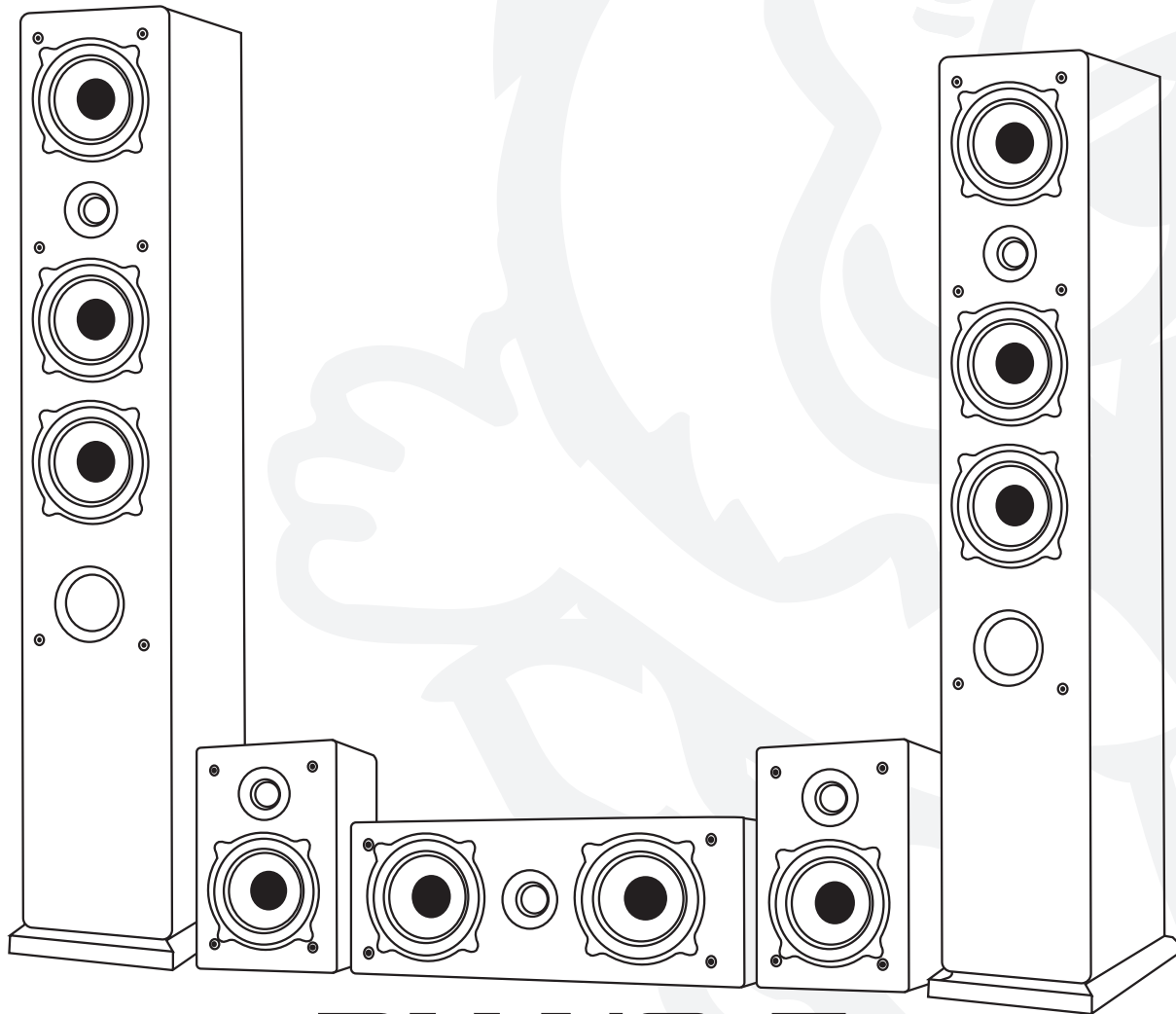


# VocoPro

ULTIMATE CHOICE OF KARAOKE ENTERTAINMENT



o w n e r ' s m a n u a l

## PIANO-5

Worlds First Home Theatre Speakers  
Designed for Both Movies AND Karaoke Vocals

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## Features

- Center speaker 160W max power output, Rear speakers 120W max power output each, Front 200W max power output each
- Excellent sound quality for stereos, Home Theatre and vocals
- Tweeter Protection Circuitry safeguards you speakers from blowing due to microphone feedback
- Accurate 5.1 channel cinematic sound reproduction
- Dual woofer design delivers deep, powerful bass (front and center speakers only)
- Lustrous black piano finish on all speakers makes for an attractive addition to any system
- Ideal speaker package for Home Theatre/Karaoke combination systems



# Listening For A Lifetime

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Selecting fine audio equipment such as the unit you've just purchased is only the start of your musical enjoyment. Now it's time to consider how you can maximize the fun and excitement your equipment offers. VocoPro and the Electronic Industries Association's Consumer Electronics Group want you to get the most out of your equipment by playing it at a safe level. One that lets the sound come through loud and clear without annoying blaring or distortion and, most importantly, without affecting your sensitive hearing.

Sound can be deceiving. Over time your hearing "comfort level" adapts to a higher volume of sound. So what sounds "normal" can actually be loud and harmful to your hearing. Guard against this by setting your equipment at a safe level BEFORE your hearing adapts.

To establish a safe level:

- Start your volume control at a low setting.
- Slowly increase the sound until you can hear it comfortably and clearly, and without distortion.

Once you have established a comfortable sound level:

- Set the dial and leave it there.
- Pay attention to the different levels in various recordings.

Taking a minute to do this now will help to prevent hearing damage or loss in the future. After all, we want you listening for a lifetime.

Used wisely, your new sound equipment will provide a lifetime of fun and enjoyment. Since hearing damage from loud noise is often undetectable until it is too late, this manufacturer and the Electronic Industries Association's Consumer Electronics Group recommend you avoid prolonged exposure to excessive noise. This list of sound levels is included for your protection.

## Some common decibel ranges:


Level	Example
30	Quiet library, Soft whispers
40	Living room, Refrigerator, Bedroom away from traffic
50	Light traffic, Normal Conversation
60	Air Conditioner at 20 ft., Sewing machine
70	Vacuum cleaner, Hair dryer, Noisy Restaurant
80	Average city traffic, Garbage disposals, Alarm clock at 2 ft.

## The following noises can be dangerous under constant exposure:


Level	Example
90	Subway, Motorcycle, Truck traffic, Lawn Mower
100	Garbage truck, Chainsaw, Pneumatics drill
120	Rock band concert in front of speakers
140	Gunshot blast, Jet plane
180	Rocket launching pad

-Information courtesy of the Deafness Research Foundation

# Safety Instructions



**CAUTION**  
RISK OF SHOCK



CAUTION: To reduce the risk of electric shock, do not remove cover (or back). No user-serviceable parts inside. Only refer servicing to qualified service personnel.

## Explanation of Graphical Symbols



The lightning flash & arrowhead symbol, within an equilateral triangle, is intended to alert you to the presence of danger.



The exclamation point within an equilateral triangle is intended to alert you to the presence of important operating and servicing instructions.

**WARNING**  
To reduce the risk of fire or electric shock, do not expose this unit to rain or moisture.

**1. Read Instructions** - All the safety and operating instructions should be read before the appliance is operated.

**2. Retain Instructions** - The safety and operating instructions should be retained for future reference.

**3. Heed Warnings** - All warnings on the appliance and in the operating instructions should be adhered to.

**4. Follow Instructions** - All operating and use instructions should be followed.

**5. Attachments** - Do not use attachments not recommended by the product manufacturer as they may cause hazards.

**6. Water and Moisture** - Do not use this unit near water. For example, near a bathtub or in a wet basement and the like.

**7. Carts and Stands** - The appliance should be used only with a cart or stand that is recommended by the manufacturer.

**7 A.** An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause an overturn.



**8. Ventilation** - The appliance should be situated so its location does not interfere with its proper ventilation. For example, the appliance should not be situated on a bed, sofa, rug, or similar surface that may block the ventilation slots.

**9. Heat** - The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.

**10. Power Sources** - The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.

**11. Grounding or Polarization** – Precautions should be taken so that the grounding or polarization means of an appliance is not defeated.

**12. Power-Cord Protection** – Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliance.

**13. Cleaning** – Unplug this unit from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

**14. Power lines** – An outdoor antenna should be located away from power lines.

**15. Nonuse Periods** – The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.

**16. Object and Liquid Entry** – Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.

**17. Damage Requiring Service** – The appliance should be serviced by qualified service personnel when:

- A. The power supply cord or plug has been damaged; or
- B. Objects have fallen into the appliance; or
- C. The appliance has been exposed to rain; or
- D. The appliance does not appear to operate normally or exhibits a marked change in performance; or
- E. The appliance has been dropped, or the enclosure damaged.

**18. Servicing** – The user should not attempt to service the appliance beyond that described in the operating instructions. All other servicing should be referred to qualified service personnel.

### Note:

To CATV system installers (U.S.A.): This reminder is provided to call the CATV system installers attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected as close to the point of cable entry as practical.



# Welcome....



And Thank you for purchasing the PIANO-5 from VocoPro, your ultimate choice in Karaoke entertainment! With years of experience in the music entertainment business, VocoPro is a leading manufacturer of Karaoke equipment, and has been providing patrons of bars, churches, schools, clubs and individual consumers the opportunity to sound like a star with full-scale club models, in-home systems and mobile units. All our products offer solid performance and sound reliability, and to further strengthen our commitment to customer satisfaction, we have customer service and technical support professionals ready to assist you with your needs. We have provided some contact information for you below.

**VocoPro**  
1728 Curtiss Court  
La Verne, CA 91750  
**Toll Free: 800-678-5348**  
TEL: 909-593-8893  
FAX: 909-593-8890

### VocoPro Company Email Directory

**Customer Service & General Information**  
info@vocopro.com

**Tech Support**  
techsupport@vocopro.com

### Remember Our Website

Be sure to visit the VocoPro website [www.vocopro.com](http://www.vocopro.com) for the latest information on new products, packages and promo s. And while you re there don t forget to check out our Club VocoPro for Karaoke news and events, chat rooms, club directories and even a Service directory!

We look forward to hearing you sound like a PRO, with VocoPro, your ultimate choice in Karaoke entertainment.

## FOR YOUR RECORDS

Please record the model number and serial number below, for easy reference, in case of loss or theft. These numbers are located on the rear panel of the unit. Space is also provided for other relevant information

**Model Number** \_\_\_\_\_

**Serial Number** \_\_\_\_\_

**Date of Purchase** \_\_\_\_\_

**Place of Purchase** \_\_\_\_\_

# Getting Connected

## Introduction

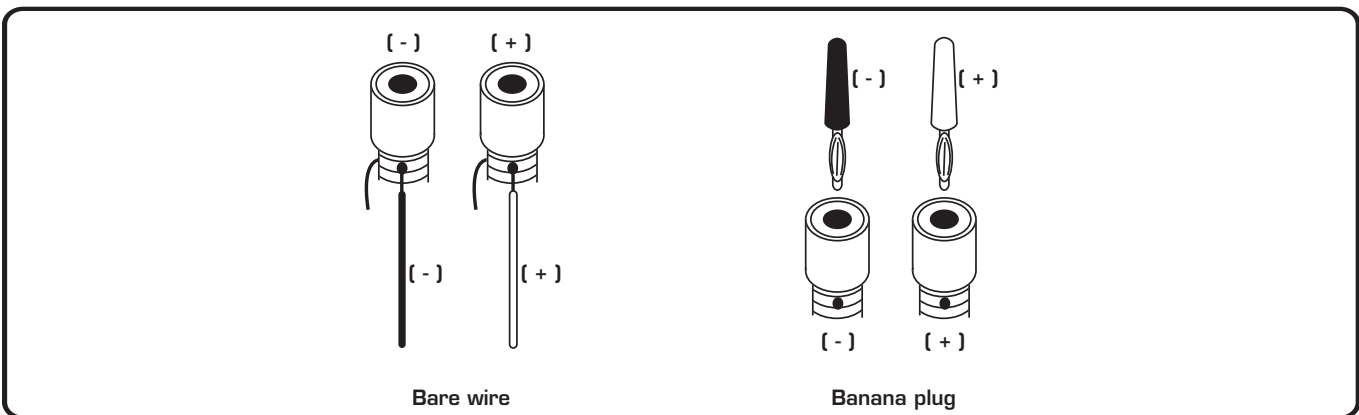
Thank you for purchasing the VocoPro PIANO-5 Home Theatre/Vocal Speakers. You have just purchased one of the best domestic hi-fi speaker systems available and we hope you will enjoy the music they reproduce for many years to come. The following notes are designed to assist you in observing a greater degree of musical satisfaction from the PIANO-5. Before connecting your speakers, we suggest that you read this leaflet carefully.

## Amplifier capacity/power handling

The PIANO-5 system will operate satisfactorily with any good amplifier designed for use with an 4-8 ohms impedance load. Although VocoPro speakers are designed to handle high power loadings, you must remember that excessive use of volume, tone controls and graphic equalizers is likely to cause damage to the drive-units. Be carefull especially with small amplifiers constantly driven on high power levels as these may be liable to go into "clipping mode" and distort the signal causing possible damage. If you hear distorted signal through the speakers you must reduce the power level.

## Connecting to your amplifier

We strongly recommend the use of high quality speaker cables. Color coded cables are recommended to ensure proper polarity. Your local dealer should be able to advise you on this point. Always switch OFF your amplifier before making any connections or adjustments to the system. Connect the right-hand channel "bare wire" cable or individual (separated) banana plugs so that the positive (RED) terminal of your speaker is connected to the positive (RED) on your amplifier, and the negative (BLACK) terminal of your speaker is connected to the negative (BLACK) terminal on your amplifier (see diagram 1&2). Repeat the instructions for all channels. DO NOT connect more than one speaker to one terminal on your amplifier.



## Phasing

Providing that you have followed the connecting instructions correctly, the PIANO-5 should be in phase and provide solid stereo images. If, however, you have any doubt as to the phasing of the speakers, try reversing the connections (RED & BLACK) to ONE of the speakers, and play a recording which has plenty of deep bass operating both speakers. If possible, switch the stereo amplifier to "MONO" for the test. The correct polarity is indicated by firm, full bass. When incorrect, the bass will be noticeably much weaker.

## Service

No routine attention is required to the working parts of the speakers and being very reliable, VocoPro speakers rarely require service. Any service problems should in the first instance be referred to your dealer.

# General Setup

## Set up of your speaker System for your Home Theatre

A surround sound system, as a minimum, requires 5 speakers. It is important to position them carefully. We recommend that you work with the arrangement of the speakers in your system to suit your preferences. Perhaps our suggested placement may not suit the way in which your room is arranged

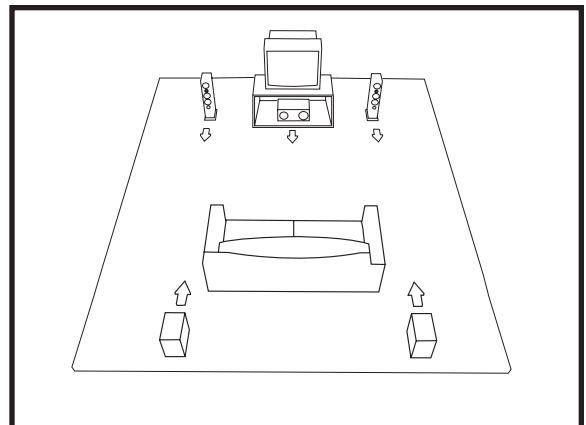
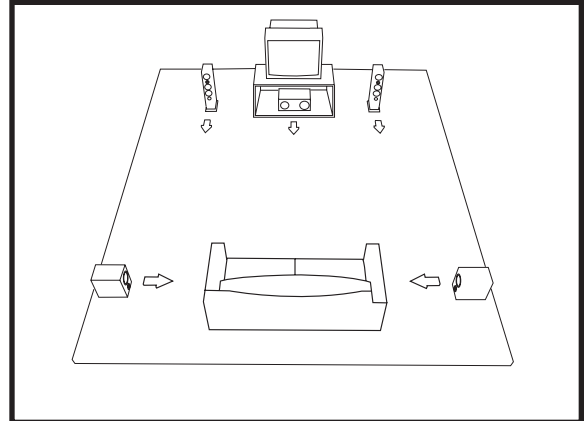
### Front and Center speakers

The center speaker is placed either below or above your TV, but not directly touching it.

The front speakers can be placed on each side of your TV. We recommend that they are placed at a suitable distance from your TV, resulting in optimum sound exposure.

**Please note that some front speakers are not magnetically shielded and can cause damage to the TV picture, if positioned too close to your TV set**

The rear speakers are placed behind or next to your listening position. They give a total sound experience, which is distributed across the whole surround arrangement



## Specifications

	Front	Center	Sat
Long Term Power.....	100 Watt	80 WATT	60 WATT
Short Term Power.....	200 WATT	160WATT	120WATT
System.....	3 way, Bass Reflex	2 way	2way
Tweeter.....	1" silk dome	1" silk dome shielded	1" silk dome
Woofer.....	5"	5"	5"
Impedence $\Omega$ .....	8 Ohm	8 Ohm	8 Ohm
Sensitivity(2,83 v/1m).....	89dB	89dB	89dB
Cabinet Finishes.....	Black (Piano Paint)	Black (Piano Paint)	Black (Piano Paint)

# **VocoPro**

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