

ProMedia® GMX D-5.1



OWNERS MANUAL

IMPORTANT SAFETY INSTRUCTIONS!



CAUTION: RISK OF ELECTRIC SHOCK! DO NOT OPEN!



CAUTION! To reduce the risk of electric shock and fire, do not remove the cover or back plate of the device enclosure. There are no user serviceable parts inside. Refer servicing to a Klipsch authorized service center.



CAUTION! The international symbol of a lightning bolt inside a triangle is intended to alert the user to uninsulated "dangerous voltage" within the device enclosure. The international symbol of an exclamation point inside a triangle is intended to alert the user to the presence of important operating, maintenance and servicing information in the manual accompanying the device.



WARNING! To reduce the risk of fire or electrical shock, do not expose this equipment to rain or moisture.

1. Read Instructions – All safety and operating instructions should be read before operating the device.

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

3. Heed Warnings – All warnings on the device and in the operating instructions should be adhered to.

4. Follow Instructions – All operating and safety 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 product near water (for example, near a bath tub, wash bowl, kitchen sink, or laundry tub; in a wet basement; or near a swimming pool; and the like).

7. Ventilation – Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.

8. Heat – This product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

9. Power Sources – This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply in your home, consult with your product dealer or the local power company. For products intended to operate from battery power, or other sources, refer to the operating instructions.

10. Polarization – This product may be equipped with a polarized alternating-current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.

11. 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 product.

12. Overloading – Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electrical shock.

13. Lightning and Periods of Non-Use – For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the product due to lightning and powerline surges.

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

15. Object and Liquid Entry – Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.

16. Damage Requiring Service – Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:

- a) When the power-supply cord or plug is damaged,
- b) If liquid has been spilled, or objects have fallen into the product,
- c) If the product has been exposed to rain or water,
- d) If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and often will require extensive work by a qualified technician to restore the product to its normal operation,
- e) If the product has been dropped or damaged in any way, and
- f) When the product exhibits a distinct change in performance – this indicates a need for service.

17. Replacement parts – When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original parts. Unauthorized substitutions may result in fire, electric shock, or other hazards.

18. Safety Check – Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.

19. Servicing – Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

If this unit is purchased outside of the U.S., please contact your local dealer or distributor for service center information. If purchased inside the U.S. and dealer service is not available, contact Klipsch Customer Service for a return authorization (RA) number before shipping. For further service information, contact:

KLIPSCH CUSTOMER SERVICE
3502 WOODVIEW TRACE, SUITE 200
INDIANAPOLIS, IN 46268-1104
1-888-554-5665
WWW.KLIPSCH.COM

ProMedia® GMX D-5.1

Welcome to the Klipsch ProMedia® GMX D-5.1 speaker system. The GMX D-5.1 is a high-performance powered speaker system consisting of five small, identical satellites and a single subwoofer. It is operated from a compact, easy-to-use control module with built-in Dolby Digital and Dolby Pro Logic II surround decoders. Although designed primarily for use with game consoles, such as the Microsoft Xbox™ and Sony PlayStation® 2, the GMX D-5.1 will also deliver excellent sound as a multimedia speaker system for a personal computer or even as the audio portion of a small home theater.

IMPORTANT NOTE: Before You Begin

Do not plug in the GMX D-5.1 subwoofer's power cord until all other wiring is completed, and do not disassemble the system before you have unplugged the subwoofer's power cord. Be especially careful not to connect or disconnect any signal cables while power is applied. Failure to observe this caution may result in loud hums, buzzes, or pops that will at the very least be annoying and that in the extreme may damage your speakers.

Unpacking

Carefully remove the system components from the carton:

- 1 Subwoofer
- 5 Satellite speakers on pedestal bases
- 1 Digital preamplifier and control module
- 1 Multipin control cable with DC supply cord
- 5 Speaker cables with RCA connector on one end
- 1 Stereo miniplug-to-RCA-sockets adaptor
- 1 AC power cord

Speaker Setup

The subwoofer requires an AC power connection (do not plug it in until setup is completed). All five satellite speakers and the control module connect to the subwoofer, which provides the power for all channels. Set up the speakers as follows:

1) Place the satellite speakers around the area where you will be sitting, more or less as illustrated in Fig. 1. The center speaker should be directly above or below your TV or monitor (the satellites are magnetically shielded to prevent picture interference). Place the left and right front speakers to either side and equidistant from the screen. Place the surround (rear) speakers to the left and right and slightly behind the seating area and facing in toward it. If possible, all five satellites should be about the same distance from the seating area.

2) The subwoofer can go virtually anywhere that is convenient, but we recommend placing it in the front soundstage of your system and, if possible, against a wall or in a corner.

3) Using the five supplied speaker cables, connect the outputs on the back of the subwoofer to the matching satellites, as shown in Fig. 2. The striped wire should be connected to the red speaker terminal.

4) Using the supplied multipin DIN cable, connect the DIN output on the back of the system control module to the DIN input on the back of the subwoofer (see Fig. 2).

5) The satellite speakers attach to their pedestal bases via a ball socket that allows a very wide range of motion. Adjustments are simple as illustrated in Fig. 3.

Signal Input Connections

The GMX control module has three audio inputs (see Fig. 4A): Toslink optical digital, coaxial digital (orange RCA jack), and stereo analog (red and white RCA jacks). Use these inputs to connect audio sources, such as a game console, DVD player, CD player, computer sound card, or TV set. Whenever possible, use one of the digital inputs, since this will allow Dolby Digital playback. Fig. 4B illustrates a setup in which a game console, DVD player, and TV set are connected to the GMX D-5.1.

Important Note: Each input demands a particular type of cable and a matching output on the source component. The optical digital input requires a Toslink fiber-optic cable. The coaxial digital input requires a coaxial cable with RCA plugs on each end. To ensure reliable operation, use a cable labeled for video or digital audio connections. The stereo analog input requires a pair of ordinary shielded audio cables with RCA plugs on each end. If you are connecting the analog inputs to a device that has a minijack output, use the supplied miniplug-to-RCA adaptor.

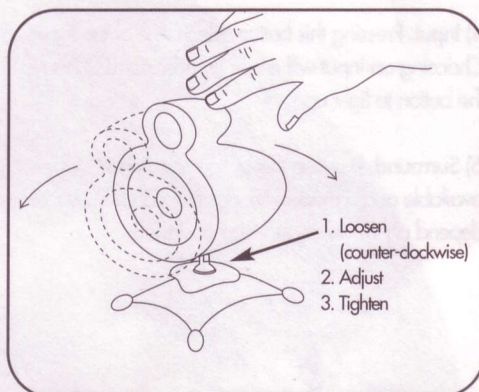


FIGURE 3

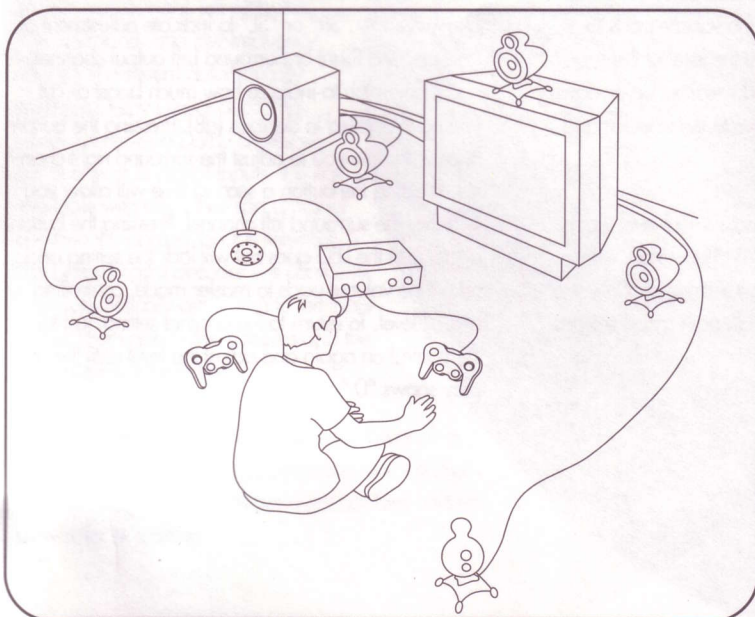


FIGURE 1

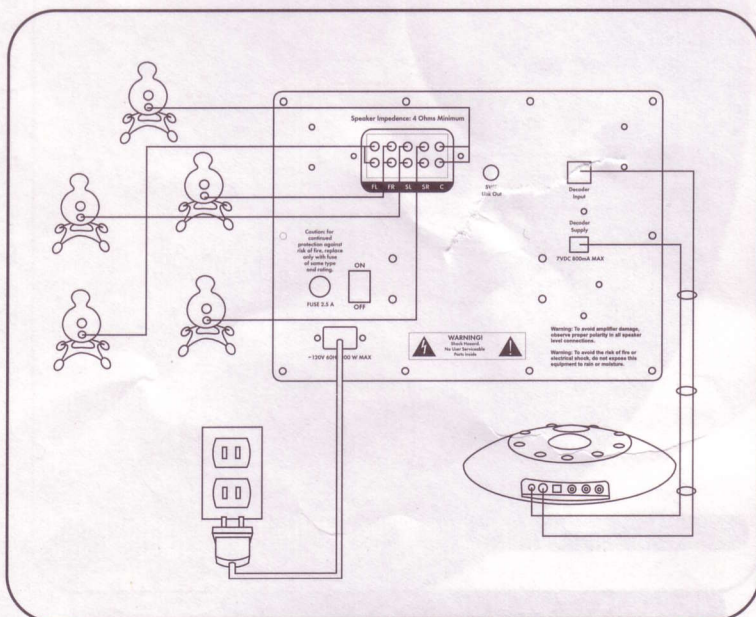


FIGURE 2

Power Connections

The last setup steps are the power connections (see Fig. 2). Plug the DC supply cord into the jack labeled "Decoder Supply" on the subwoofer cabinet. Next, plug the other end into the jack labeled "DC 7V IN" on the back of the GMX control module. Plug the subwoofer's power cord into a wall outlet or AC power strip. Your GMX D-5.1 is now ready to rumble.

The Control Module

Everything you need to run the GMX D-5.1 is on the face of the control module. The function and operation of each control is listed below (see Fig. 4A):

- 1) **Display.** Indicates master volume setting and level trim during setup.
- 2) **Volume Pads.** Press the (+) and (-) buttons to raise or lower the volume. These buttons are also used to adjust the levels of the speakers in the system relative to one another (channel balance).
- 3) **Power.** Turns the system on and off. The red LED indicates standby mode.
- 4) **Input.** Pressing this button selects one of the inputs. Choosing an input will cause its indicator LED above the button to light up.
- 5) **Surround.** Pressing this button selects one of the available audio modes. Modes that can be used will depend on the input and type of signal.

- **Dolby Digital Signals:** If you have selected one of the digital inputs, it will automatically switch to the appropriate Dolby Digital mode when a Dolby Digital signal is present. The Dolby Digital indicator LED (above the Surround button) will light. Dolby Digital modes are available only when a Dolby Digital signal is present at the selected digital input; no surround changes may be made to a discrete Dolby Digital 5.1 signal. The Surround button will be active in Dolby Digital mode only when the signal is two-channel stereo, as described immediately below.

- **Stereo Signals:** If you have selected the analog input or a digital input receiving a PCM signal, such as from a CD, you have a choice of four modes: Stereo, 5-Channel Stereo, Dolby Pro Logic II Cinema and Music. The Dolby Pro Logic II modes can also be applied to a Stereo Dolby Digital signal. Switch modes by pressing the Surround button until you reach the one you want, as indicated by the LEDs above the button. Stereo is indicated when no LEDs are lit.

- 6) **Test.** This button turns the channel test signal on and off. When on, the LED above the button will light and you will hear noise for several seconds from each satellite speaker in turn. The signal will rotate from speaker to speaker in this fashion until you turn it off. This signal has two uses:

- Making sure that all speakers are connected and working.
- Helping you set channel balance. Because the five satellites in the GMX D-5.1 are identical, you will usually get correct channel balance automatically. To find out, turn the test signal on and listen; it should be equally loud from each speaker. If not, you can use

the CTR and SURR buttons (described below) together with the volume pads to adjust the level of the surround speakers up or down relative to the front left and right.

The adjustment level trim is from -9dB to +9dB, with default settings of "0." Note: Possible gain range settings

for each channel are -9dB to +9dB and will be retained as the main volume approaches 60dB. However, new settings made at high volumes will only be allowed as the total reaches 60dB. In other words, if the main volume reads 55dB, the boost will be limited to +5dB, and if main volume is set to 60dB (maximum), no boost is available.

- 7) **Dyn. Comp.** Toggles through the three modes of the Dolby Digital dynamic compression function. Dynamic compression reduces the level difference between loud and soft sounds. This can be useful when you are having trouble hearing dialogue clearly or when you want to minimize disturbance of others by very loud sounds. Available modes are "Half," "Full," and "Off"; the selected mode will be indicated by the LEDs above the button. "Off" selects no compression, whereas "Full" selects maximum compression. This function is available only when the system is processing a Dolby Digital input.

- 8) **Sub.** Allows adjustment of the subwoofer's relative level. To use, press the button until the indicator LED lights. Use the volume pads to raise or lower the bass level until you get the balance of lows to highs that you want. The central display will show how much boost or cut you have applied, in decibels (dB). Pressing the button again until the LED goes out will lock the setting and return the volume pads to master mode, controlling overall level. To return to the original setting, just turn the control on again and adjust the level until the display shows "0." Note: This also controls the "SWS Link" output level (see "SWS Link" section).

- 9) **Surr.** Allows adjustment of the surround speakers' level relative to that of the front left and right. To use, press the button until the indicator LED lights. Use the volume pads to raise or lower the surround level until you get the balance that you want. The central display will show "SR" or "SL" to indicate adjustment of the Surround Right or Surround Left output channel, and then switch to indicate how much boost or cut you have applied in decibels (dB). Pressing the button once will allow you to adjust the surround right channel. Pressing the button a second time will allow you to adjust the surround left channel. Pressing the button again until the LED goes out will lock the setting and return the volume pads to master mode, controlling overall level. To return to the original setting, just turn the control on again and adjust the level until the display shows "0."

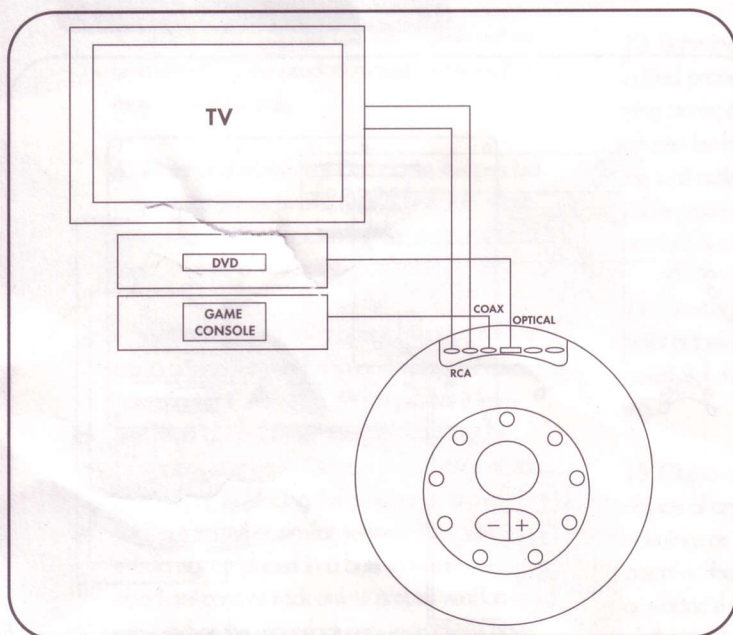


FIGURE 4B

10) **Ctrl.** Allows adjustment of the center speaker's level relative to that of the front left and right. To use, press the button until the indicator LED lights. Use the volume pads to raise or lower the center channel level until you get the balance that you want. The central display will show how much boost or cut you have applied, in decibels (dB). Pressing the button again until the LED goes out will lock the setting and return the volume pads to master mode, controlling overall level. To return to the original setting, just turn the control on again and adjust the level until the display shows "0."

11) **Mute.** Turns the sound on and off. When the system is muted, the LED above the button will light.

12) **Mode Indicator LEDs.** At the top of the control module, there are three mode indicator LEDs. When no LED is lit, stereo decoding is taking place. When the incoming signal is decoded in 5-channel stereo the "5 CH Stereo" LED will be lit. The "PLII" LED will be lit when Pro Logic II movie mode decoding is taking place. When the "Dolby Digital" LED is lit, the GMX is receiving and decoding a Dolby Digital bit-stream. On Dolby Digital 2.0 signals, 5-channel stereo and Pro Logic decoding can be applied. If one of these post-processing modes is applied, the appropriate LED will be lit in conjunction with the "Dolby Digital" LED.

Choosing the Right Surround Mode

The GMX D-5.1 offers five surround modes, selected via the Surround button on the GMX control module:

- **Dolby Digital.** This is a discrete-channel digital mode that allows 1- to 5.1-channel reproduction. (The channels are left, center, right, left surround, right surround, and low-frequency effects.) The system automatically engages Dolby Digital decoding when it receives a Dolby Digital signal at one of its digital inputs. It is not available with any other sort of signal or when the analog input is selected. The Dolby Digital decoder will configure itself automatically according to the input signal. From one to five satellites and the subwoofer will be active.

- **Stereo.** This is the standard mode for the analog input and for two-channel signals received at a digital input. Only the front left and right satellites and the subwoofer are active.

- **5-Channel Stereo.** Available for all inputs receiving analog or two-channel digital signals. It redistributes a stereo signal across the five satellite speakers to give very broad, even coverage. All five satellites and the subwoofer are active.

- **Dolby Pro Logic II.** Available for all inputs receiving analog or two-channel digital signals. This mode provides accurate decoding of Dolby Surround-encoded signals and natural, realistic five-channel enhancement of stereo signals. All five satellites and the subwoofer are active. Dolby Pro Logic II has two sub-modes:

Cinema (Green LED) - Select for sources that have been encoded in Dolby Surround. This includes many games, TV programs, and movies on video.

Music (Red LED) - This mode is especially appropriate for stereo music, to which it adds a very appealing sense of spaciousness and depth.

SWS Link

On the back of the GMX D-5.1's subwoofer is a jack labeled "SWS Link," a special port for attachment of one or more Klipsch ProMedia SWS powered subwoofers. This port enables full integration of SWS subwoofers into the GMX system. Although the GMX D-5.1 provides good bass output on its own, one or more SWS subwoofers will add both depth and power to your system's bottom end. The Klipsch ProMedia SWS subwoofer system is available for purchase at klipsch.com.

Accessories

A number of accessories are available for the GMX D-5.1, including floor stands and wall-mounting brackets for the satellites and grille and foot kits color-coordinated with the leading game consoles. For more information, visit your dealer or klipsch.com.

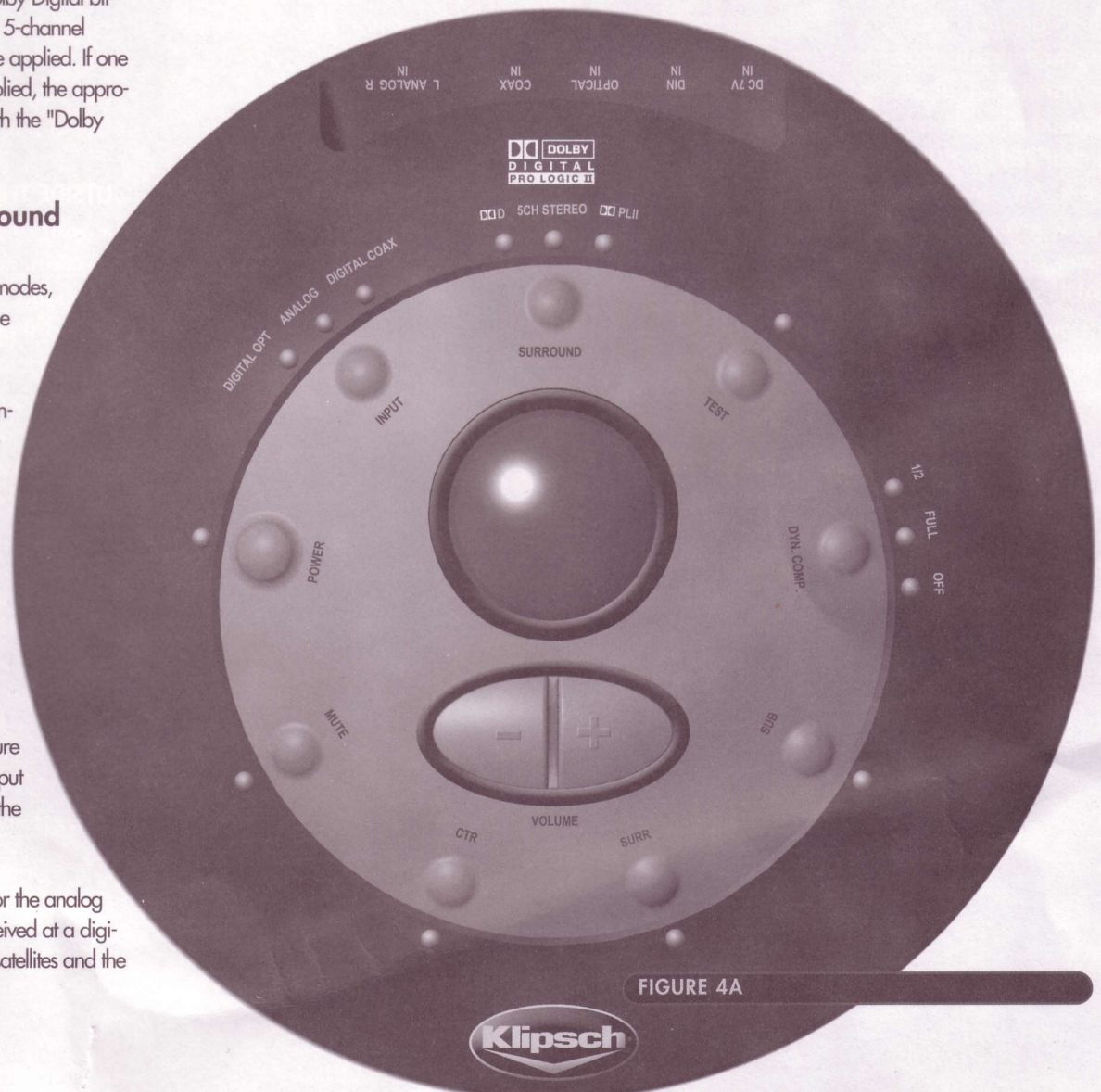


FIGURE 4A

WARRANTY

U.S. AND CANADA

KLIPSCH, LLC ("KLIPSCH") warrants this product to be free from defects in materials and workmanship (subject to the terms set forth below) for a period of one (1) year from the date of purchase. During the warranty period, KLIPSCH will repair or replace (at KLIPSCH's option) this product or any defective parts. Proof of purchase in the form of a bill of sale or receipted invoice, which is evidence that this product is within the warranty period, must be presented or included to obtain warranty service.

This warranty does not cover damage due to misuse, abuse, negligence, acts of God, accident, commercial use or modification of, or to any part of this product. This warranty does not cover damage due to improper operation, maintenance or installation, or attempted repair by anyone other than KLIPSCH or someone authorized by KLIPSCH to do warranty work. Any unauthorized repairs will void this warranty. This warranty does not cover product sold AS IS or WITH ALL FAULTS. This warranty is invalid if the factory applied serial number or date stamp has been altered or removed from this product.

This Warranty is only valid for the original purchaser and will automatically terminate prior to expiration if this product is sold or otherwise transferred to another party.

REPAIRS OR REPLACEMENTS AS PROVIDED UNDER THIS WARRANTY ARE THE EXCLUSIVE REMEDY OF THE CONSUMER. KLIPSCH SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT. EXCEPT TO THE EXTENT PROHIBITED BY LAW, THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER EXPRESS AND IMPLIED WARRANTIES WHATSOEVER, INCLUDING BUT NOT LIMITED TO, THE WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PRACTICAL PURPOSE.

Some states do not allow the exclusion or limitation of incidental or consequential damages or implied warranties so the above exclusions may not apply to every customer. This warranty gives you specific legal rights, and you may have other rights which vary from State to State.

TO OBTAIN WARRANTY SERVICE, PLEASE FOLLOW THESE DIRECTIONS:

1. If you purchased this product from a retail store, please return this product to such store in its original packaging along with proof of purchase.
2. If you purchased this product from a computer manufacturer, please contact that manufacturer.
3. For purchases made through www.klipsch.com, please call KLIPSCH Customer Service at 1-888-554-5665. Product may only be returned to KLIPSCH after a Return Authorization number has been obtained from KLIPSCH.

Returned product must be shipped, freight prepaid to KLIPSCH in either its original packaging or packaging affording an equal degree of protection, along with proof of purchase.

OUTSIDE THE U.S. AND CANADA

The warranty on this product if it is sold to a consumer outside of the United States or Canada shall comply with applicable law and shall be the sole responsibility of the distributor that supplied this product. To obtain any applicable warranty service, please contact the dealer from which you purchased this product, or the distributor that supplied this product.



Klipsch



ProMedia® GMX D-5.1



CUT ALONG DOTTED LINE AND MAIL

NOW REGISTER ONLINE AT WWW.KLIPSCH.COM!

For multiple speaker purchases, please fill out only one warranty card.

Name: _____

Street Address: _____

City/State/Zip: _____

Home Phone: _____

Work Phone: _____

E-mail Address: _____

Would you like to receive the latest product updates and news via e-mail? ☐ Yes ☐ No

Model: ProMedia® GMX D-5.1

Where did you purchase your Klipsch products from?

☐ Retail Store ☐ On-line at www.klipsch.com ☐ Computer Manufacturer

How did you hear about Klipsch?

☐ Audio/Home Theater Magazine ☐ Gaming Magazine ☐ Computer Magazine ☐ Radio

☐ Newspaper ☐ Television ☐ Trade Show ☐ Friend ☐ Retail Dealer ☐ Direct Mail

Have you purchased Klipsch products before? ☐ Yes ☐ No

If yes, what products?

Product Name(s): _____

When do you hope to purchase additional loudspeakers?

☐ 6 mos. — 1 yr. ☐ 1—2 yrs.

How likely are you to consider Klipsch products for your upcoming purchases?

☐ Very likely ☐ Somewhat likely ☐ Doubtful

If doubtful, why?

☐ Don't carry product I'm looking for ☐ Too expensive ☐ Klipsch dealer too far away ☐ Other

Please tell us about you!

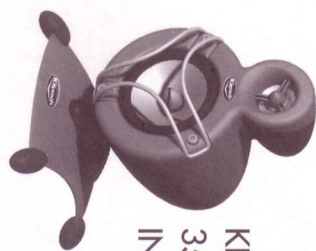
☐ Married ☐ Single ☐ Student ☐ Male ☐ Female

Age: ☐ Under 15 ☐ 15-17 ☐ 18-24 ☐ 25-35 ☐ 36-45 ☐ 46-55 ☐ 55-64 ☐ 65+

Annual Household Income:

☐ Under \$25,000 ☐ \$25-35,000 ☐ \$35-50,000 ☐ \$50-75,000 ☐ \$75-100,000 ☐ \$100,000+

ProMedia® GMX D-5.1



KLIPSCH AUDIO TECHNOLOGIES
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INDIANAPOLIS, IN 46268-1104

Place
FIRST CLASS
Postage
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SURRENDER TO THE SYSTEM

Make sure you return your warranty card so that we may keep you up-to-date on new Klipsch products and promotions. As always, if you have any questions, contact your local authorized Klipsch dealer or Klipsch Customer Service at 1-888-554-5665

FOR YOUR RECORDS:

Model: ProMedia® GMX D-5.1

Date Purchased:



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INDIANAPOLIS, IN 46268-1104

1-800-KLIPSCH

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