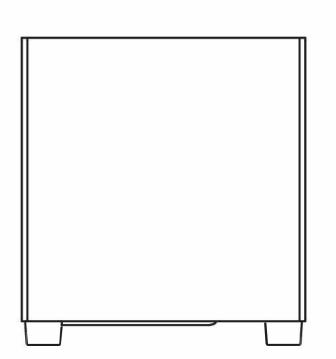
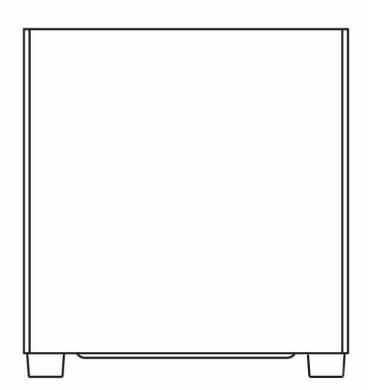


# **SOUND + PERFORMANCE**

# DWNER'S MANUAL





8"150-WATT
POWERED SUBWOOFER

10"175-WATT
POWERED SUBWOOFER



#### **CAUTION**

RISK OF ELECTRIC SHOCK DO NOT OPEN

#### **ATTENTION**

RISQUE DE CHOC ELECTRIQUE NE PAS OUVRIR



#### **WARNING:**

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

#### **AVIS:**

Pour réduire le risque d'incendie ou de choc électrique, ne pas exposer cet appareil sous la pluie et l'humidité.

The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on apparatus.

L'appareil ne doit pas être exposé aux écoulements ou aux éclaboussures et aucun objet ne contenant de liquide, tel qu'un vase, ne doit être placé sur l'objet.



The lightning flash with arrowhead symbol, within an equilatera 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.

Le symbole de l'éclair fléché dans un triangle équilatéral, est destiné à alerter l'utilisateur de la présence d'une "tension dangereuse" dans le boîtier du produit qui peuvent être des ampleur suffisante pour constituer un risq e d'électrocution aux personnes.



This symbol is intended to alert the user to the presence of important operation and maintenance (servicing) instructions in the literature accompanying the appliance.

Ce symbole est destiné à alerter l'utilisateur de la présence d'opération et de maintenance (entretien) dans la documentation accompagnant l'appareil.

# **Important Safety Instructions**

- **1.** Read these Instructions. *Lisez ces instructions.*
- **2.** Keep these Instructions. *Conservez ces instructions.*
- 3. Heed all Warnings.

  Respectez tous les avertissements.
- **4.** Follow all instructions. Suivez toutes les instructions.
- Do not use this apparatus near water. Ne pas utiliser cet appareil près de l'eau.
- **6.** Clean only with a dry cloth.

  Nettoyer uniquement avec un chiffon
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
   Ne pas bloquer les ouvertures de ventilation. Installer conformément aux instructions du fabricant.
- 8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat. Ne pas installer près de sources de
  - chaleur telles que radiateurs, registres de chaleur, poêles ou autres appareils (y compris les amplificateurs) produisant de la chaleur.
- Do not defeat the safety purpose of the polarized or grounding - type plug. polarized plug has two blades with one

wider than the other. When the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

Ne détruisez pas la sécurité de la terre ou polarisées - fiche. Une fich polarisée possède deux lames dont une est plus large que l'autre. Si la fiche fournie ne rentre pas dans votre prise, consultez un électricien pour remplacer la prise obsolète.

- 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.
  - Protégez le cordon d'alimentation d'être piétiné ou pincé, particulièrement au niveau des fiches, des prises, et le point où ils sortent de l'appareil.
- 11. Only use attachments/accessories specified by the manufacture . N'utilisez que des accessoires spécifiés par le fabricant.
- 12. Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart or rack is used, use caution when moving the cart/apparatus, combination to avoid injury from tip-over.

Utilisez uniquement un chariot, stand, trépied, support ou table spécifiés par le fabricant ou vendu avec l'appareil. Quand un panier ou rack est utilisé, faites attention lorsque vous déplacez l'ensemble chariot / appareil, pour éviter d'éventuelles blessures en cas de chute.

- Unplug this apparatus during lightning storms or when unused for long periods of time
  - Débranchez cet appareil pendant les orages ou lorsqu'il n'est pas utilisé pendant de longues périodes de temps.
- 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. Confiez toute réparation à un personnel qualif é. Une réparation est nécessaire lorsque l'appareil a été endommagé de quelque façon que ce cordon d'alimentation ou la fiche est endommagé, liquide a été renversé ou des objets sont tombés dans l'appareil, l'appareil a été exposé à la pluie ou à l'humidité, ne fonctionne pas normalement, ou s'il est tombé.
- **15. WARNING:** The mains plug (appliance coupler) is used as disconnect device, the disconnect device shall remain readily operable.

AVERTISSEMENT: La fiche d'alimentation (appareil coupleur) est utilisé comme dispositif de déconnexion, le dispositif de déconnexion doit rester facilement accessible.

- **16.** No naked flame sources, such as lighted candles, should be placed on the apparatus.
  - Aucune source de flamme nue, telle que des bougies allumées, ne doit être placé sur l'appareil
- 17. Protective earthing terminal. The apparatus should be connected to a mains socket outlet with a protective earthing connection.

Borne de terre de protection. L'appareil doit être connecté à une prise secteur avec une prise de terre.

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Congratulations on your purchase of an Elura Black Label SeriesSUBB8.3/SUBB10.2 powered subwoofer. It will give your stereo, or home theater system unparalleled low frequency output.

Bass frequencies are critical to realistic sound reproduction. After you've hooked up your SUBB8.3/SUBB10.2 subwoofer, you'll discover just how much "punch" and depth you've been missing. No matter what kind of music or videos you listen to... whether you listen to it loud or soft, you'll experience sound that's richer and fuller. Bass guitar and string bass will have more impact. You'll be able to FEEL as well as hear percussion – just the way you would at a live performance. If you have an audio/ video system, movies will come alive with thunderous sound effects that were never possible without the Elura SUBB8.3/SUBB10.2.

The Elura SUBB8.3/SUBB10.2 is a self-powered subwoofer that frees your receiver or power amplifier from the power demands of reproducing very low frequencies. To do this, the Elura SUBB8.3/SUBB10.2 incorporates its own built-in crossover system that automatically "assigns" lower frequencies to its own power amplifier, contained within the subwoofer enclosure.

The Elura SUBB8.3/SUBB10.2 has been meticu-lously designed and tested to insure high performance, durability and longevity.

This manual is designed to take you step-bystep through the hook-up and operating process. Reading this manual carefully will insure that you get maximum performance from your Elura SUBB8.3/SUBB10.2.

## A. UNPACKING

Remove the Elura SUBB8.3/SUBB10.2 from its packing carefully and inspect it for any shipping damage. If you discover damage, contact your dealer or installer immediately.

If possible, save the carton and internal packing. It's the best possible protection for your Elura SUBB8.3/SUBB10.2 if you need to move it or return it for service.

Keep your sales receipt in a secure place. It helps establish the duration of your warranty (just in case anything happens to your stereo/home theater system).

# B. AMPLIFIER PANEL TOUR

Before actual hookup, you should familiarize yourself with the connections on the back of the Elura SUBB8.3/SUBB10.2, as shown in Fig.1.

1. POWER INDICATOR: OFF = No color STANDBY = Red ON = Blue.

2. LFE/SUBWOOFER/LOW LE-VEL LINE IN (line level connections). These connections are used if you have a preamplifier or a receiver/integrated amplifier which has LFE, subwoofer, or line level outputs that follow the volume control, or to connect to the line-level audio output of a flat panel TV.

**3.** VOLUME CONTROL. Rotating this knob clockwise increases the output level of the subwoofer. To start out, make sure that the VOLUME is turned all the way down (fully counterclockwise).

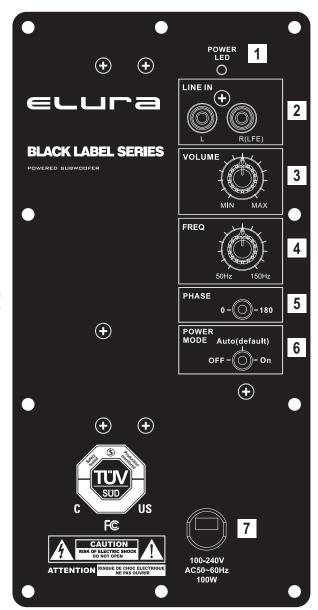


FIG. 1 – Elura SUBB8.3/SUBB10.2 rear panel

Later, after some initial listening tests, you can adjust the volume to your own taste. However, care should be taken not to overdrive the subwoofer to the point of audible distortion.

**4.** CROSSOVER FREQUENCY CONTROL. This control determines what lower part of the frequency spectrum will be reproduced by the Elura SUBB8.3/SUBB10.2. It is a "crossover" control. Rotating the knob sets the point where all lower frequencies will be handled by the subwoofer.

As a starting point, set the control around 100Hz if you are using left and right tower speakers, 125 - 150Hz. with bookshelf or small mini-speakers.

- **5.** PHASE SWITCH. This switch is used to set the subwoofer's phase between normal "0°" or reverse "180°" (out of phase). Once you determine the placement of the Elura SUBB8.3/SUBB10.2, you will need to set this switch for the best bass output for your listening position. The physical location of your subwoofer and main speakers determines the phase setting that will sound best at your main listening position.
- **6.** OFF/AUTO/ON SWITCH. This switch turns Elura SUBB8.3/SUBB10.2 on or into AUTO mode. When this switch is in the AUTO position, the amplifier will stay turned on as long as a signal is being fed to the subwoofer amplifier. Approximately 8 minutes after you stop playing music or a video, the amplifier goes into STANDBY mode. When you again begin to play music or a video, the amplifier will automatically turn on. With the switch in the ON mode the amplifier will stay on indefinitely.
- 7. NON-REMOVABLE AC POWER CORD.

### C. PLACEMENT

# Where to position your Elura SUBB8.3/SUBB10.2

The Elura SUBB8.3/SUBB10.2 operates at low bass frequencies which are essentially omni-directional. That means you can place the Elura SUBB8.3/SUBB10.2 almost anywhere in a room without compromising the effectiveness of your main stereo speakers.

Four factors need to be considered:

- 1) distance from your main speakers;
- 2) distance from a wall outlet;
- distance from your receiver, amplifier, or flat panel TV; and
- 4) proximity to walls and corners.
- 5) CAUTION: The Elura SUBB8.3/SUBB10.2 are not magnetically-shielded. If used with an older CRT monitor or TV, keep it at least 2 feet from the monitor.
- 1. Distance from your main speakers. The best placement for your subwoofer is on the same wall as the main speakers, especially if you are matching up with small bookshelf speakers. With tower speakers, side wall or rear placement is also acceptable.
- **2. Wall outlet.** Since the Elura subwoofer requires AC power, it must be placed where it will reach a wall outlet. We don't recommend extending that range with an extension cord.
- 3. Connections to your receiver, amplifier, preamplifier or flat panel TV. You will need to connect the subwoofer to your receiver subwoofer output or LFE output, flat panel TV, or preamp line level outputs (see next page). You can basically place the Elura SUBB8.3/SUBB10.2 anywhere in a normal-sized room.
- **4. Proximity to walls and corners.** Physical placement of the subwoofer will have a definite impact on the frequency response and the perceived amount of Elura SUBB8.3/SUBB10.2 bass output. Because low frequencies have long wavelengths, they are influenced by proximity to a boundary such as a wall or floor.

See Fig. 2. When you place the Elura SUBB8.3/SUBB10.2 well away from a wall, it will produce bass at a certain level. Move the subwoofer close to the wall, it will produce more output (about 3dB more). Putting the subwoofer in a corner will increase output another 3dB (6dB more than when placed away from walls and corners).

All this technical jargon may sound confusing, but it basically means that you have a number of options, each of which produces a different amount of bass. For example, if you like a lot of heavy bass, consider putting the Elura SUBB8.3/SUBB10.2 into a corner. If you like smoother, less-obvious bass, move the subwoofer out into the room. The main thing to remember is that there is no "right" or "wrong" place to put the Elura SUBB8.3/SUBB10.2. It all depends on how much bass you want.

Another reason to experiment – because low bass waves are very large (up to 40 feet or more across!), they tend to cancel and reinforce each other, causing places in the room where there is lots of bass and others where there isn't very much at all. If you walk around your listening room while playing music, you'll probably discover these sorts of areas where bass is either exaggerated or reduced. Needless to say, if your main listening area ends up in a "dead" space, you will need to move the Elura SUBB8.3/SUBB10.2 so that bass is more normal.

Incidentally, moving the Elura SUBB8.3/SUBB10.2 around won't affect the stereo imaging of your main stereo system, so feel free to try various subwoofer positions.

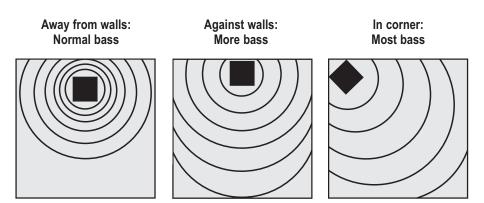


FIG. 2 - Elura SUBB8.3/SUBB10.2 placement

## Connecting to a wall plug

The Elura SUBB8.3/SUBB10.2 draws a moderately high amount of current. We do not recommend plugging it into a "convenience" outlet (switched or unswitched) that is often found on the back of receivers and other stereo components.

Instead, connect the subwoofer ONLY to its own AC outlet. See items 9 and 10 in the Safety Instructions on Page 2 of this manual.

# **D. CONNECTIONS**

### Three basic connection options

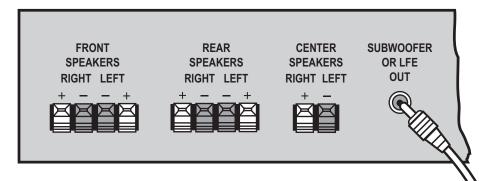
- Connection to electronics with subwoofer or LFE output. If you own a surround sound receiver or integrated amplifier with a subwoofer or LFE output, use Method A as shown in Fig. 3.
- 2. Connection to stereo preamp and amplifier. If you have separate preamp and amplifier, use Method B as shown in Fig. 4.
- **3. Connection to flat-panel TV.** If you have a flat panel TV with stereo analog audio outputs, use Method C as shown in Fig. 5.

#### SURROUND SOUND RECEIVER

#### NOTE: SEE ITEM 5 ABOVE FOR PROPER RECEIVER TYPE SWITCH SETTING

# Method A: Line level hookup steps for receivers with subwoofer connections

(Refer to Fig. 3)



**Note:** This connection method is only for receivers that have a subwoofer or LFE output. You will need one line level RCA to RCA connector cable long enough to reach from your receiver to your Elura SUBB8.3/SUBB10.2 location. This should be available from your Elura dealer or from radio supply stores.

- 1. IMPORTANT: Make sure that ALL system components including the Elura SUBB8.3/SUBB10.2 are turned OFF before proceeding.
- 2. Locate the subwoofer or LFE output connector on the rear of your receiver and connect one end of the RCA line level cord to it.
- **3.** Route the line cord to the subwoofer location (trying to minimize areas where it may be stepped on) and connect the other end directly to the sub's LINE IN R or LFE input.
- **4.** Connect your main (and surround speakers if applicable) to the receiver according to the receiver's owner's manual.
- **5. Note:** If you are using a Dolby Digital type receiver with built-in crossover, you must set the crossover frequency in your receiver (check your receiver's owner's manual). Set the subwoofer's crossover to 150Hz.
- **6.** You are now ready to put your Elura SUBB8.3/ SUBB10.2 subwoofer into use. Skip to "E INITIAL LISTENING TEST."

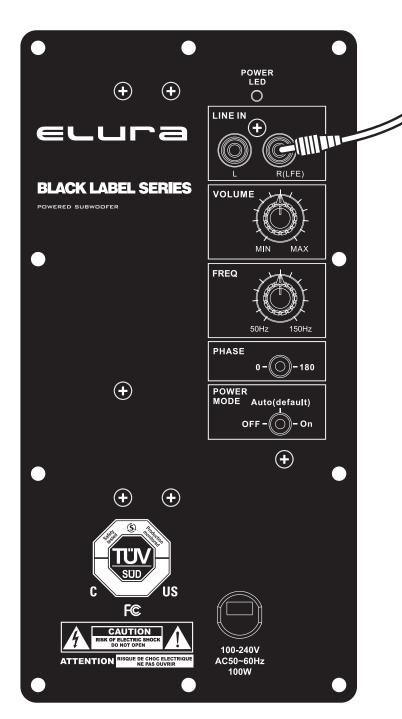
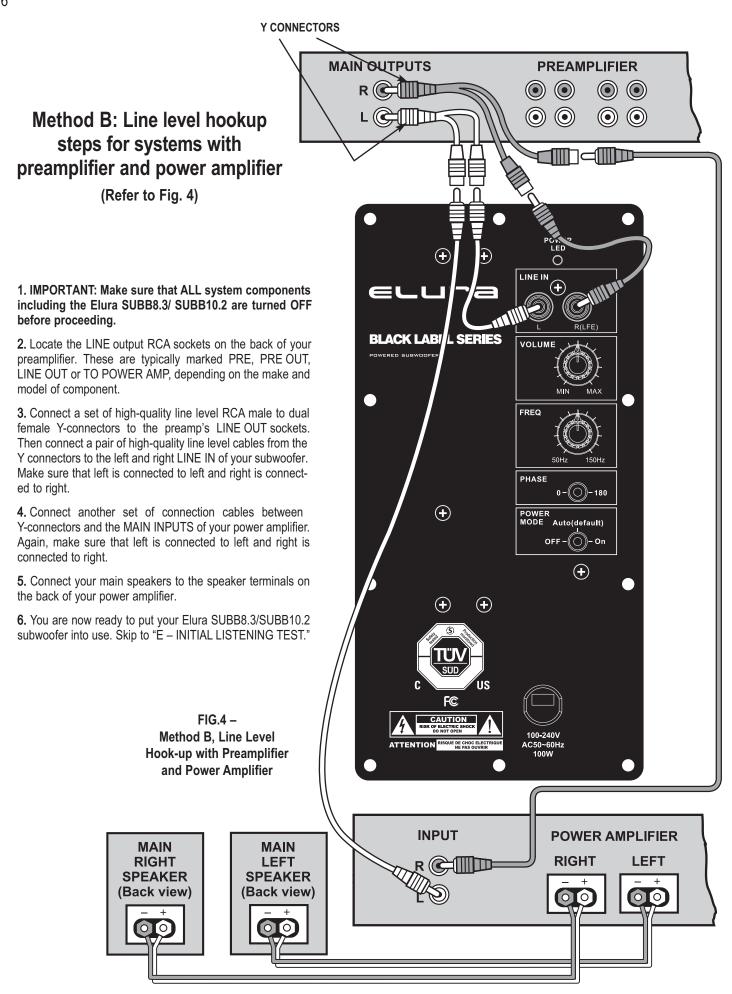


FIG. 3 - Hookup for Surround Sound Receiver with a Subwoofer Output



# Method C: Line level hookup steps for flat panel TVs

(Refer to Fig. 5 below)

- 1. IMPORTANT: Make sure that ALL system components including the Elura SUBB8.3/SUBB10.2 are turned OFF before proceeding.
- 2. Connect a set of high-quality line level connection cables (patch cords) between the TV analog audio output connectors and the LINE IN sockets on the back of the Elura SUBB8.3/SUBB10.2. Make sure that left is connected to left and right is connected to right.
- 3. You are now ready to put your Elura SUBB8.3/SUBB10.2 subwoofer into use. Skip to "E INITIAL LISTENING TEST."

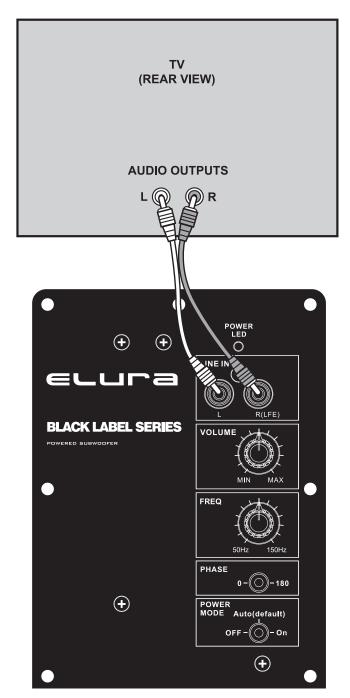


FIG.5 – Method C, Line Level Hook-up with Flat Panel TV

### **E. INITIAL LISTENING TEST**

It's now time to introduce the Elura SUBB8.3/SUBB10.2 amplifier's potent and plentiful bass into your listening environment.

- 1. Double-check all connections.
- **2.** Make sure that the volume controls on both the Elura SUBB8.3/SUBB10.2 and your receiver/integrated amp/preamp/TV are turned all the way down (fully counterclockwise). Set the PHASE switch to zero. Set the CROSSOVER FREQUENCY knob to 100Hz for normal operation, or to 150Hz for Dolby Digital operation where the proper frequency is set in the receiver's crossover.
- **3.** Turn on your stereo/home theater system. THEN turn on the Elura SUBB8.3/SUBB10.2. Confirm that the subwoofer's blue POWER indicator is glowing. If it isn't, check the power connections between the Elura SUBB8.3/SUBB10.2 and the wall socket.
- **4.** Play a musical selection or DVD that you are familiar with. Pick a song that has regular low bass beats. Advance the receiver/ integrated amp/preamp/ TV's volume control up to a normal listening level. If you don't hear sound through your main speakers, turn off the system and check connections. Also consult the trouble-shooting tips on page 8.
- **5.** If sound is indeed coming out of your main speakers, turn the VOLUME control clockwise until you hear noticeable additional bass. If you don't hear bass by the time you have advanced the subwoofer's VOLUME control halfway, turn off the system and check connections. Also consult the troubleshooting tips on page 8.
- **6.** Adjust the Elura SUBB8.3/SUBB10.2's VOLUME control until you are satisfied with the amount of bass. You may want to try several different albums, compact discs, or DVDs while determining how high to adjust the Elura SUBB8.3/SUBB10.2's VOLUME. The amount of bass varies by medium.
- **7.** Now that you have adjusted the *quantity* of bass via the volume, it's time to work on the *quality* of the bass with the CROSSOVER FREQUENCY control, PHASE switch and experimentation with Elura SUBB8.3/SUBB10.2 room position.
- While playing music or a movie, move the subwoofer around, in and out of corners, closer and farther from the wall, etc. as much as the power cord and other connections will allow.
- Change the PHASE switch between 0° 180°, while someone sits in the main listening position. Leave the switch in the position where you like the bass most.
- Change the CROSSOVER FREQUENCY control (for Dolby Pro-Logic receivers) to higher and lower settings. If the CROSSOVER FREQUENCY control is set too high, you'll start to hear low midrange (voices and instruments) through it. This will negatively affect the stereo imaging of your main speakers. Lower the CROSS-OVER FREQUENCY setting until you hear only bass from the Elura SUBB8.3/SUBB10.2. If the CROSSOVER FREQUENCY control is set too low, you simply won't get much output from the subwoofer. Move it back closer to 80 100Hz.
- **8.** After you are satisfied with the output of your Elura SUBB8.3/SUBB10.2, you can make all your volume settings through your main stereo system's volume control. The only time you might want to re-adjust the Elura SUBB8.2/SUBB10.2's VOLUME is when you encounter a musical selection or movie that has abnormally low or high bass.

You can leave the Elura SUBB8.3/SUBB10.2 turned on and in AUTO mode when not in use. It does not draw much power in this state and will be ready to add low bass the moment you begin to play music.

Remember, you don't have to do anything except leave the POWER switch in the AUTO position. The Elura SUBB8.3/SUBB10.2 will automatically go into STAND-BY mode after approximately 8 minutes, when no music or movie is playing.

If you're not using your system for a long period of time (such as when you're on vacation), turn the POWER switch to the OFF position.

# Caring for Your Elura SUBB8.3/SUBB10.2

The Elura SUBB8.3/SUBB10.2 enclosure is finished in a very high-quality black vinyl finish that is both attractive and excellent protection for the wood cabinet. To remove dust, finger prints, and light water marks you can use a soft, dry cloth. Never use a solvent like paint thinner, Ketone, gasoline, MEK, lighter fluid, etc., on the enclosure surface or it will cause permanent damage.

### F. SPECIFICATIONS

#### **Amplifier**

Digital (Class D) with switching power supply, thermal protection, overload protection, soft clipping, short circuit protection, high-efficency, with low power consumption in standby mode.

#### Power

Elura SUBB8.3 100 watts RMS, 150 watts peak Elura SUBB10.2 125 watts RMS, 175 watts peak

#### **Input Connections**

RCA L/R, LFE Line Level

#### System Design

Vented Enclosure with Down-Firing Woofer

#### Woofer

Elura SUBB8.3: 8" High-Excursion, 2" (50mm) Voice-Coil, Polypropylene Cone with Rubber Surround

Elura SUBB10.2: 10" High-Excursion, 1.5" (38mm) Voice-Coil, Polypropylene Cone with Rubber Surround

#### **Frequency Response**

Elura SUBB8.3: 38Hz - 150Hz Variable Elura SUBB10.2: 30Hz - 150Hz Variable

#### **Crossover Control**

50 - 150Hz Variable

#### **Controls**

Power, Volume, Off/Auto/On, Phase, Crossover Frequency

#### Video-Shielded

No

#### **Dimensions (including feet)**

Elura SUBB8.3: 12.8" H x 11.8" W x 11.8" D (325mm H x 300mm W x 300mm D) Elura SUBB10.2: 14.5" H x 13.5" W x 13.5" D (368mm H x 343mm W x 343mm D)

#### Weight

Elura SUBB8.3: 18 lbs. Elura SUBB10.2: 23 lbs.

#### **Finish**

Black Vinyl

# G. TROUBLESHOOTING & SERVICE

Before returning your Elura SUBB8.3/SUBB10.2 for service, you can save time (and often embarrassment) by checking for a few problems that are most often encountered.

#### Power light is not lit. No sound.

- 1. Is your Elura SUBB8.3/SUBB10.2 plugged in to a live AC wall socket?
- 2. Is the power switch on?
- **3.** Has the Elura SUBB8.3/SUBB10.2 overheated and shut off temporarily?

#### No sound from either set of speakers.

- 1. Are your other components turned on?
- 2. Is the receiver, preamp, or TV set to the appro-priate input and is that sound source playing?
- **3.** Do you have an unconnected tape monitor selected?
- 4. Is the Elura SUBB8.3/SUBB10.2 correctly connected to your receiver, preamplifier, integrated amplifier, or TV and turned on?

# Sound comes from main speakers but not the subwoofer

- 1. Is the Elura SUBB8.3/SUBB10.2 turned on (power light in the blue mode) and VOLUME control turned up?
- 2. Some digital receivers only send a sub out signal when in the movie or digital mode. In the 2 channel (stereo music) mode, no sub out signal is sent to the sub.
- You may need to set your main speakers to "small" mode in your receiver setup to get the receiver's subwoofer output to turn on. Check your receiver's owner's manual for subwoofer operation.
- 3. For digital receivers make sure the subwoofer is "ON" and the subwoofer level is set to "0 dB" or greater.

# Sound comes from the subwoofer but not your main speakers

- 1. Confirm that the power amplifier is turned on.
  - Check the RCA patch cord
  - Check the speaker wire connections between the receiver and main or satellite speakers.

#### Bass is muffled or weak

- **1.** Check speaker wire polarity of all connections.
- 2. Reposition your subwoofer. At some points in the room, its output may be cancelled by the geometry of the room. Moving the Elura SUBB8.3/SUBB10.2 can eliminate this problem. Please refer to Item 14 in the Safety Instructions for conditions that ALWAYS require service by qualified personnel.

If you have tried all the above and still can't get the Elura SUBB8.3/SUBB10.2 to operate properly, consult your dealer or contact MSTR BRAND.

# H. PRODUCT WARRANTY

SELLER warrants the SUBB8.3/ SUBB10.2 free from defects in the material and workmanship for 2 years from the date of purchase from the SELLER or an authorized dealer. Should this product fail to be in good working order within the warranty period, the SELLER, at its option, repair or replace the unit, provided that the unit has not been subjected to accident, disaster, abuse or any unauthorized including static modifications discharge This warranty is and power surge. offered by the SELLER for its BUYER with direct transaction only. This warranty does not apply to products that have been abused. incorrectly installed, modified. disassembled and/or repaired bv anyone other than Elura or our appointed repair facility.

A unit that fails under conditions other than those covered will be repaired at the current price of parts and labor in effect at the time of repair. Such repairs are warranted for 90 days from the day of reshipment to the BUYER. If the unit is delivered by mail, customers agree to insure the unit or assume the risk of loss or damage in transit. Under no circumstances will a unit be accepted without a return authorization number.

The warranty is in lieu of all other warranties expressed or implied, including without limitations, any other implied warranty or fitness or merchantability for any particular purpose, all of which are expressly disclaimed.

Proof of sale may be required in order to claim warranty.

The content of this manual has been carefully checked and is believed to be accurate. However, the SELLER assumes no responsibility for any inaccuracies that may be contained in this manual. The SELLER will NOT be liable for direct, indirect, incidental, special, or consequential damages resulting from any defect or omission in this manual, even if advised of the possibility of such damages. Also, the technical information contained herein regarding the SUBB8.3/SUBB10.2 features and specifications are subject to change without further notice.

#### www.elura.audio

