

**THE GOLDMUND EPILOGUE 3/4  
SUB-BASS SPEAKER SYSTEM**

**USER MANUAL**

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## **CONGRATULATIONS**

Thank you for purchasing the Goldmund Epilogue Speaker. You have acquired the best Speaker ever made for professional and domestic uses. Please take some time to read this manual. It may provide you with useful information to make your pleasure of listening to the Epilogue even higher.

## **WARNING !**

This extremely high quality speaker possess new technical features which are a necessity for an accurate sound reproduction in the best audio systems.

Only careful installation and use can provide the satisfaction you are expecting.

The installation instructions must be scrupulously carried out and the mentioned precautions taken to get the expected result and to avoid to deteriorate the speaker.

**If the unused input is not short-circuited properly as indicated below, warranty does not apply.**

Nevertheless, if the instructions are perfectly carried out, you will notice that the sound quality of your Goldmund Epilogue system is incredibly dynamic, precise and sweet.

**NOTE :** The speaker has been assembled for a full testing at the factory with the associated other speakers. It is perfectly normal that some metallic parts show some slight marking from this preliminary assembly process.

## 1. PRELIMINARIES

The Goldmund Epilogue 3/4 uses the same very innovative technology than the Epilogue 2 to achieve a level of definition and neutrality never found before in a sub-bass speaker system.

Please read very carefully the following instructions. This high-precision speaker is extremely revealing and can provide the best sound only if it is used properly.

The Epilogue 3/4 is never used as a stand-alone speaker. Its most usual configuration is associated to a pair of Epilogue 1 Satellite Speakers or by 2 units included in a pair of Full Epilogue Speaker. See below the assembly instructions for the Full Epilogue Speaker System.

## 2. UNPACKING THE EPILOGUE 3/4

**ATTENTION :** Do not unpack the Epiframe cartons yet. The parts are much easier to recognize by the indication we provide in the following instructions giving their provenance from the Epiframe 1 or Epiframe 2 assemblies.

**ATTENTION :** If you need to return the speaker to the factory or to your local representative for a warranty repair, please note that it must be repacked in the original packing. Otherwise new packing will be charged as well as the repair of damages occurred due to poor packing conditions.

**SPECIAL NOTICE :** The dealer who sold you the Epilogue also received a very practical tool to install the Epilogue 3. Called the Epilogue "Helm", this rolling device allows the Epilogue 3 to be rolled by a single person with perfect safety. The Epilogue "Helm" may also be used for small moves when the full Epilogue has been assembled if enough care is taken about vertical stability. If you want to keep this accessory for yourself, it can also be purchased separately.

It is necessary to be **four** people to install the EPILOGUE 3/4, because the speaker is extremely heavy and some handling steps necessitate a lot of care. Do not try to do any assembly without the necessary help.

Cut the Epilogue 3/4 box attachments and remove the cover of the box.  
Do not move the speaker now.

To manipulate safely the Epilogue 3/4, you need to use accessories located in the separate accessory box that your dealer has received, called the "Helm" box.

Open the "Helm" box. Locate the front panel attachment block (the heavy steel block) and plug it on the two steel bars protruding from the lower part of the speaker front panel (the large circular hole must be directed toward the floor). Secure the block by the left and right screws.

Take from the same "Helm" box the 4 handling steel bars. The two threaded bars must be locked tightly inside the front steel block (one on each side). Insert the two other bars in the lodging under the speaker (on the rollers supports). The bar must be inserted fully inside the three aligned holes on each side. Tighten the back screw to avoid the bar to move when the speaker will be carried.

You have now 4 handles to lift and move the speaker safely. After the Epilogue 3/4 is on the floor at the selected position you will remove these handles and the front steel block and return it to your dealer.

After unpacking, and despite its extreme weight, the Epilogue 3/4 may still be moved easily with the provided rolling accessory, the "Helm" roller. However, when fully assembled, especially in the Full Epilogue configuration, the weight makes the movement quite delicate, especially on thick carpeted floors.

For these reasons, it is best to locate the Epilogue 3/4 in its final position before starting assembling the full system.

### **3. SELECTING THE EPILOGUE 3/4 LOCATION**

A very rigid floor is very important for the optimal sonic result of your Epilogue speakers. Select a position of the speaker to have the most rigid possible coupling with the floor. Solid coupling is essential, and if your support is standing on a suspended floor, optimal result requires that you arrange the support to have at least the pointed foot above a supporting beam or close enough from a supporting wall.

**ATTENTION :** The pointed foot supporting the front of the Epilogue 3/4 is very hard. It is designed to go through a carpeted floor. If your floor is made of wood or tile, be careful not to scratch it by moving a speaker without lifting the point.

If you have a thick carpet, the pointed bar may go too deep inside the carpeting and the speaker will not raise high enough for the proper adjustment of its feet. You can make the pointed bar longer by inserting a provided steel washer between the bar and the enclosure.

#### **4. ADJUSTING THE EPILOGUE 3/4 FEET**

When the Epilogue 3/4 is set in position, the 4 adjustable corner feet must be adjusted as follow.

The two front feet are only set to avoid the speaker to balance if it moved. They must go down to the floor without pressure. The weight of the front part of the Epilogue 3/4 is and must be on the pointed central foot.

The back feet, on the contrary must be use to raise the back of the speaker to make the front to back horizontal. Use a bubble level to adjust that level.

In addition, separate adjustment of the right and left back feet provide a left/right horizontal adjustment.

If the speaker has to be moved later, the two back feet will have to be recessed until the speaker can be rolled on its back rollers.

#### **5. ASSEMBLY OF THE FULL EPILOGUE (only for Full Epilogue Setup)**

The Full Epilogue System is made of, for each channel :

- One Epilogue 3 or Epilogue 4 Sub-Bass.
- One Epilogue 1 lower Satellite mounted vertically on top of the Epilogue 3/4.
- One Epilogue 2 mounted on its side (the larger sides being horizontal).
- One Epilogue 1 upper Satellite mounted vertically in inverted position (upside down, the tweeter becoming the lower driver).

You must prepare each of these speakers and the parts of the Epiframe 1 before starting the final assembly. Please carefully execute the following steps :

##### **A. Lower Epilogue 1 preparation**

- Dismount the gold plated top plate from the Epilogue 1 that will be assembled in the lower position.
- Mount where the golden plate was the silver steel plate provided with the Epiframe 2. Attach it with the provided silver screws.
- Mount into the bottom threaded hole one of the black pointed steel bars provided with the Epiframe 2. Tighten it using a strong screwdriver inserted in its lateral hole.

## **B. Epilogue 2 preparation**

- Dismount the top silver steel plate.
- Dismount the two gold plated side identification plates.
- Reassemble the silver steel plate in one of the lateral sides (one of the larger sides). Use the side which is the closest to the coaxial connector located on the back panel and noted Epilogue 1.
- Reassemble the two gold plated identification plates to the two smaller sides.
- Mount on the bottom threaded hole of the remaining larger side one of the black pointed steel bars provided in the Epiframe 2. Tighten it using a strong screwdriver inserted in its lateral hole.

## **C. Upper Epilogue 1 Satellite preparation**

- Dismount the gold plated top plate.
- Mount on the threaded hole that was hidden by the gold plate one of the black pointed steel bars provided with the Epiframe 1 (similar to those found earlier in the package of the Epiframe 2). Tighten it using a strong screwdriver inserted in its lateral hole. Fill the small holes around with no-head plastic screws provided.

The speakers are now ready to be assembled.

However, the Epiframe assembly needs also to be prepared before.

The Epilogue Epiframe is designed to provide stability of the full Epilogue assembly. Prepare the following elements before assembling the speakers.

If you upgrade from an Epiframe 1 to the full system, dismount first the Epiframe 1 from any speakers attachment and follow the process described below :

## **D. Epiframe 1 preparation**

- From the Epiframe 1 you must first disassemble the bottom rectangular assembly. See Schematics #1
- Attach the two vertical bars found in the Epiframe 1 carton with the bottom feet taken from the above disassembly (part A). The bottom feet part is assembled on the longest length without screws.
- Insert two 80mm long tubes on the available tube holders. Use rounded head screws provided to attach each. See Schematics #2
- Assemble the two vertical bars on the back of the Epilogue 3/4 speaker.
- Remove the golden plates from the front bar disassembled previously (part C).
- Assemble one tube holder on top of a Teflon isolator on the corner side from where the golden plate was removed. Use 2 M5x30 screws. And do the same under. See Schematics #3
- Insert the two midsize tubes found in the Epiframe 2 cartons with satellite attachment and use two rounded head screws to tighten each of them.
- Assemble this built U shaped frame part on top of the two vertical bars mounted on the back of the Epilogue 3.

- Keep the U shaped part found in the Epiframe 1 carton for the upper satellite frame assembly.

#### **E. Installation of the lower satellite**

- Take two short transparent plexiglas feet found in the Epiframe cartons (they are all identical). Put them standing on top of the Epilogue 3. Their height is 5cm.
- Carefully approach the lower Epilogue 1 Satellite to be put on top of the Epilogue 3. The Satellite will have its bottom pointed bar inserted in the silver steel plate glide and will be put on the 2 transparent feet on the back.
- Have one person guide the pointed bar to its lodging without scratching the Epilogue 3 speaker surface.
- Arrange the two transparent feet to be aligned with the back corners of the speaker.
- When the Epilogue 1 is in position, attach the two lateral arms of the frame to its sides using the long Steel screws, the golden nuts, 2 teflon ring and the cylindrical "molette". Please check the following schematics.  
See Schematics #4

#### **F. Installation of the Epilogue 2**

- This is one of the most critical steps of the whole assembly. The Epilogue 2 is very heavy and should be lifted on top of the Epilogue 1 lower satellite where it will sit on its steel pointed bar and 2 transparent plexiglas feet. The position will remain

#### **G. Installation of the Epiframe 2**

- Insert the two vertical long bars of the Epiframe 2 on top of the lower frame assembly.
- Attach the 4 blocks of the Epiframe 2 to the back panel of the Epilogue 2 using long M5 screws.
- Insert the U shaped top assembly of the frame. Secure with the rounded head screws.

#### **H. Installation of the Upper Epilogue 1 Satellite**

- Take two short transparent plexiglas feet found in the Epiframe cartons (they are all identical). Put them standing on top of the Epilogue 2. Their height is 5cm.
- Carefully approach the upper Epilogue 1 Satellite to be put on top of the Epilogue 2. The Satellite will have its pointed bar inserted in the silver steel plate glide and will be put on the 2 transparent feet on the back.
- Have one person guide the pointed bar to its lodging without scratching the Epilogue 2 speaker surface.

- Arrange the two transparent feet to be aligned with the back corners of the speaker.
- When the Epilogue 1 is in position, attach the two lateral arms of the frame to its sides using the long Steel screws, the golden nuts, 2 teflon ring and the cylindrical "molette". Please check the above schematics.

## 6. SPEAKERS PHYSICAL ALIGNMENT

To arrive to the listener simultaneously, the waves front created by each speaker section have to be aligned to be at an equal distance from the listener position. This is more critical in Stereo use than in multi-channel where the levels and delay of each speaker are adjusted separately.

The departure position is when the rear part of each speaker's grill is vertically aligned.

The Epilogue frame has been designed to allow the displacement of each speaker section separately. The exact alignment may be obtained by measurements. However, a simple rule shows that for a listener seating at 3m5 (12') from the speakers and with the hear level at the lower Epilogue 1 level, the displacement needed are as follows, the Epilogue 3/4 being used as a reference :

- The lower satellite must be pushed back by 25mm (1").
- The Epilogue is aligned with Epilogue 3/4
- The upper satellite must be advanced by 50mm from the Epilogue 2.

For a seating position at 6m (20'), the displacements would be :

- The lower satellite must be pushed back by 12mm (1/2").
- The Epilogue is aligned with Epilogue 3/4.
- The upper satellite must be advanced by 28mm (1¼") from the Epilogue 2.

## 7. SPEAKER CONNECTIONS

Used in any type of configuration, the Epilogue 3/4 has a built-in amplifier and a built-in input crossover.

The Epilogue 4 allows the input signal to be digital and provides two additional switches to select the analogue or digital inputs and which channel of the SPDIF signal is used.

The only connections needed are the Power cord and the interconnect linking the Epilogue 3 to the output of the preamplifier, or if you use the Epilogue 4 in digital, use a digital link cable for input.

The Epilogue 3/4 may receive two analogue cables if one only one Epilogue 3/4 is used so the right and left channels may be mixed automatically inside the crossover.

**ATTENTION : If you use 2 x Epilogue ¾ in analogue, you have only one cable that can be connected to any of the two available RCA inputs. In such a case, always leave the unused input on each Epilogue 3/4 with a short-circuiting plug mounted.**

**ATTENTION : In most configurations, the ground wire from AC plug must absolutely be lifted on all amplifiers and on the Epilogue 3/4 connection to the AC line. Otherwise a bad ground loop may make amplifiers oscillate and be destroyed.**

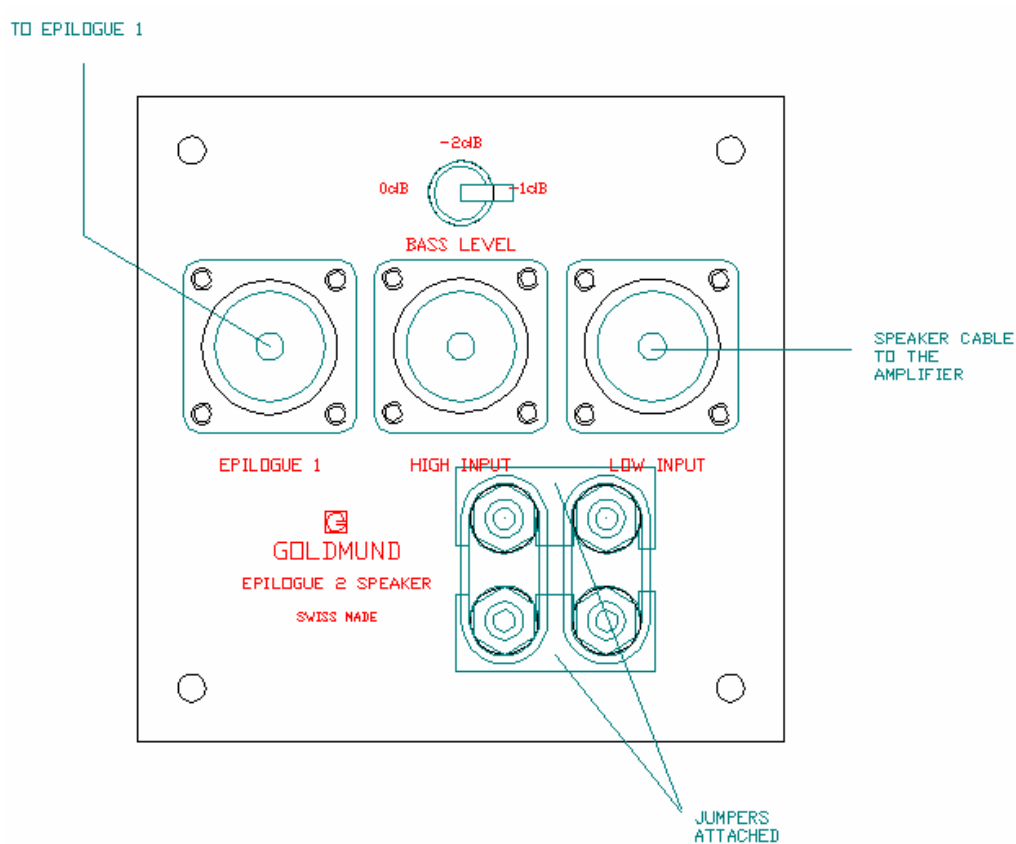
The Epilogue 3/4 is automatically powered ON when it receives modulation. For the Epilogue Full System connection, several possibilities are accessible. The connection is different if the speakers are used in a multi-channel system or in a 2 channels system :

#### **A. Connection in a Multi-Channel system :**

If used in a multi-channel system :

- The 2 x Epilogue 3/4 are connected in parallel to the sub-woofer channel.
- The lower Epilogue 1 Satellites are connected in mono (parallel) to the center channel.
- The Epilogue 2 and upper Epilogue 1 satellite are the main right and left channels. These two speakers may be connected to their respective or common amplifier in three different ways as described below :

## A1. One single Amplifiers with one set of Speaker cables :



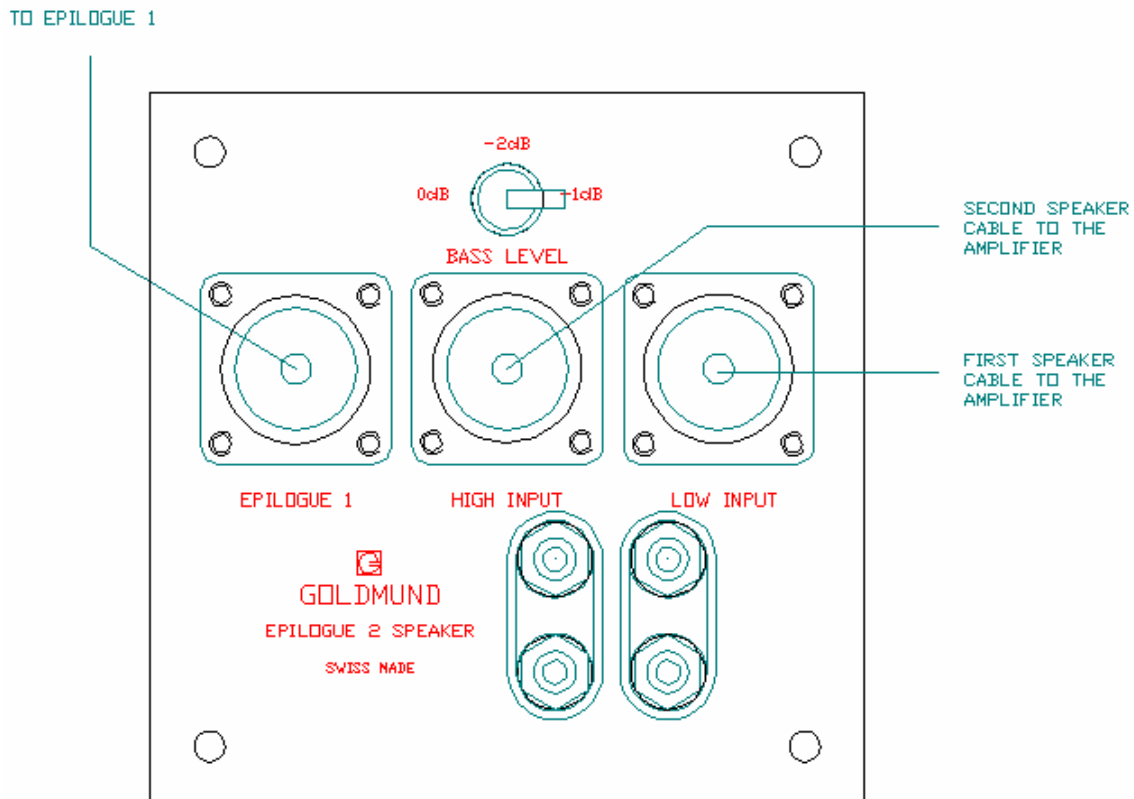
**NOTE :** When using non-Goldmund speaker cable, the 5-way binding posts may be used for the amplifiers connection instead of the coaxial input. Try using highest quality banana plugs which can be tighten in position.

However, it is far better to use the Goldmund Speaker Cable to allow the speed of the amplifier to properly control the drivers. Any speaker cable of lower quality or speed can ruin the sonic capabilities of the Epilogue System.

When using the Goldmund Speaker Cable, the Speaker Adapter can be avoided and the coaxial cable directly connected to the large coaxial connectors provided on the speaker back panel.

The sonic improvement which can be achieved in the best systems is quite dramatic.

## A2. One single Amplifier with two set of Speaker cables (bi-wiring) :



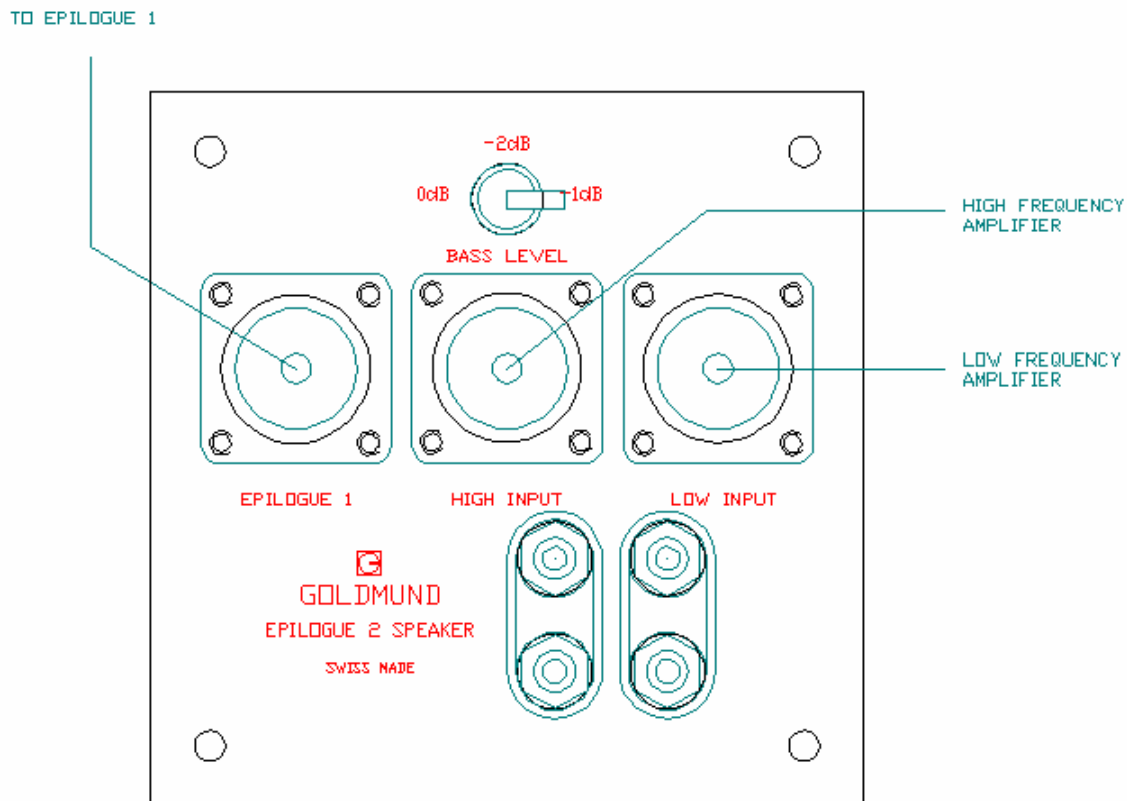
**NOTE :** When using non-Goldmund speaker cable, the 5-way binding posts may be used for the amplifiers connection instead of the coaxial input. Try using highest quality banana plugs which can be tighten in position.

However, it is far better to use the Goldmund Speaker Cable to allow the speed of the amplifier to properly control the drivers. Any speaker cable of lower quality or speed can ruin the sonic capabilities of the Epilogue System.

When using the Goldmund Speaker Cable, the Speaker Adapter can be avoided and the coaxial cable directly connected to the large coaxial connectors provided on the speaker back panel.

The sonic improvement which can be achieved in the best systems is quite dramatic.

### A3. Two Amplifiers and two set of Speaker cables :



**NOTE :** When using non-Goldmund speaker cable, the 5-way binding posts may be used for the amplifiers connection instead of the coaxial input.

Try using highest quality banana plugs which can be tighten in position.

However, it is far better to use the Goldmund Speaker Cable to allow the speed of the amplifier to properly control the drivers. Any speaker cable of lower quality or speed can ruin the sonic capabilities of the Epilogue System.

When using the Goldmund Speaker Cable, the Speaker Adapter can be avoided and the coaxial cable directly connected to the large coaxial connectors provided on the speaker back panel.

The sonic improvement which can be achieved in the best systems is quite dramatic.

## **B. Connection in a 2 channel Stereo system :**

The Upper Epilogue 1 satellite and Epilogue 2 Bass enclosure may be connected as above and the same 3 possibilities exist, here too.

However, the importance of level matching in the Full Epilogue System used in Stereo is extremely critical, and amplifiers with input level adjustment are a practical necessity.

More, using two separate amplifiers for Epilogue 2 and the upper Epilogue 1 Satellite is allowing a separate adjustment of the Epilogue 2 and Upper Epilogue 1 which is very helpful in the system final tonal balance.

The lower Epilogue 1 Satellite amplifier is connected to the same preamplifier output.

However, if the system has to be used at high levels, a protection circuit has to be inserted in the amplifier input circuit, in order to limit its bandwidth.

The ultimate solution is an additional passive crossover made by Goldmund which is exactly adapting the level, frequency response and Group Delay of the second satellite to mirror the upper satellite. See your dealer for availability.

For a perfect tonal balance, it is recommended to adjust the level of the amplifiers connected to the Epilogue 2 individually. A power amplifier with built-in level adjustment like the Mimesis 29.4 may be helpful.

When each separate speaker is individually powered by a Mimesis 29.4 and the lower Epilogue 1 special crossover is used for the lower Epilogue 1 speaker, the theoretical adjustments are as follow :

- Upper Epilogue 1 : -6dB
- Epilogue 2 : -3dB
- Lower Epilogue 1 : -6dB
- Epilogue 3/4 : Crossover in position 1 or 2. Volume  $\frac{3}{4}$  to full.

The Epilogue  $\frac{3}{4}$  analogue input interconnect has to be connected in parallel form the output of the preamplifier with the other amplifiers.

You may finally have 4 interconnects connected to the same preamp output. To avoid the detrimental effect of bad Y connectors, it may be necessary to have a separation box built especially for this atypical application. Please consult your Goldmund dealer for advice.

For best performance, use a preamplifier with very low output impedance so several amplifiers may be used without signal loss. The Mimesis 22 is especially adapted. Its two separate inputs may be used to feed each 2 amplifiers. For the best performance, use one output for Epilogue 2 and top Satellite, and one output for lower Satellite and Epilogue 3/4.

## **7. RUNNING-IN FOR THE EPILOGUE 3/4**

The Epilogue 3/4, like the Epilogue 2 and the Epilogue 1 needs several days playing music before providing the top sonic quality it is built to provide.

The few first hours can be very frustrating for a demanding listener.

Do not hesitate to let it play quite loud some time before attempting any real system tuning or position adjustment.

## **8. CLEANING THE EPILOGUE 3**

To clean the metal case of the speaker, you can use a wet cloth. Always use a very soft cloth to avoid scratching the surface.

The identification plates are gold plated. Simply clean them with a soft cloth, without any chemical solution.

## SPECIFICATIONS

### Epilogue 3/4

**Amplifier Analogue Input Impedance** : > 100 kOhms.

**Amplifier maximum power** : 500 W Rms.

**Bandwidth** :

- Low Frequency Cutoff : < 22 Hz -3dB.

**Drivers** : 8 x 21 cm Velvet Kevlar proprietary drivers mounted 4x2 in inverted push-pull with front speaker mounted backwards.

**Electronic Crossover** : 3 separate frequencies (5 in Epilogue 4). Master level control.

**Bass Load** : vent loading. 4 separately tuned flexible vents.

**Size and Weight** :

- Weight of one Epilogue 3/4 sub-woofer : 140 kg.
- Size of an Epilogue 3/4 sub-woofer : 78 cm (H) x 52 cm (W) x 72 cm (D).

### Full System

**Size and Weight of the Full system** :

- Total Height of the full speaker : 2 meters.
- Total Width of the full speaker : 52 cm.
- Total Depth of the full speaker : 80 cm.
- Total Weight of one full speaker : > 320 kg.