Technical Information

AEGO5 MkII AV System

Inputs:
3 x RCA Stereo analogue inputs
1 x RCA Digital input
1 x Optical Digital Input

Outputs:
5 x RCA Speaker Connectors
1 x RCA Auxiliary Sub Line level Feed

Controls:
120V Model - 110-120V @ 50-60Hz, 80VA
240V Model - 220-240V @ 50-60Hz, 80VA

Power Rating:
1 x Bass Level Pot. (On rear)
1 x Power switch

Dimensions:

Decoder - 228mm x 145mm x 59mm
Subwoofer - 268mm x 190mm x 350mm
Satellites - 68mm x 103mm x 90mm

Weight:
14.5 Kg

Finishes:
Silver sub woofer
Silver satellites
All with silver/grey grilles

Accessories:
2 x 5 metre speaker cables
2 x 10 metre Speaker cables
1 x 3 metre Speaker cable
1 x Power supply for Subwoofer
5 x wall brackets
4 x rubber feet for subwoofer
1 x Remote control
1 x Set of batteries
1 x 9 way Multipin to Multipin signal lead
1 x Power Decoder adaptor (120V Model - 110/120V AC @ 50/60Hz - 12V DC 1A)
(240V Model - 220/240V AC @ 50/60Hz - 12V DC 1A)

Frequency Response:
Satellites: 200Hz - 15KHz
Subwoofer: 40Hz - 250Hz

Impedance Warning:
Satellite impedance is less than 1.5 Ohms therefore do not try to use with conventional amplifiers........................Damage may occur!!

Warranty

Your Acoustic Energy loudspeakers are guaranteed against original defects in materials, manufacture and workmanship for 1 year from the date of purchase. Please retain all original packaging materials for possible future use.

Under this warranty Acoustic Energy agrees to repair any defect or, at the company's discretion, replace the faulty component(s) without charge for parts and labour.

This warranty does not imply any acceptance by Acoustic Energy or its agents for consequential loss or damage and specifically excludes fair wear and tear, accident, misuse or unauthorised modification.

This warranty is applicable in the United Kingdom only and does not in any way limit the customer's legal rights. Claims and enquiries under the warranty for AE products purchased outside the UK should be addressed to the local importers or distributors.

If you have reason to claim under the warranty please contact your dealer in the first instance.

HOME THEATRE SYSTEM

Aego P5 II ®

SMART | ACTIVE | SOUND

OWNERS
MANUAL

WARNING

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

CAUTION

To reduce the risk of shock, do not remove the cover of this system. There are no user-serviceable parts inside. Refer servicing to qualified service personnel.

The **CAUTION** marks shown on this page are located on the back of your system.

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 system enclosure that may be of sufficient magnitude to constitute a risk of electric shock.

The exclamation point within an equilateral triangle as marked on the system is intended to alert the user to the presence of important operating and maintenance instructions in this owner's guide.

CAUTION
Risk of electrical shock
Do not open

IMPORTANT SAFETY INSTRUCTIONS

To ensure your safety, please read these instructions before operating this unit.

1. Follow all instructions and observe warnings marked on the unit.

2. Always use the correct line voltage. Please refer to page 6, and find out the correct power requirements in your area. Please note that different operating voltages may require the use of different adapters.

3. Do not install the unit in an unventilated rack, or directly above heat producing equipment such as power amplifiers.

4. To avoid shock or fire hazard, do not expose the unit to rain or moisture, or operate it where it will be exposed to water.

5. Do not attempt to operate the unit if it has been dropped, damaged, exposed to liquids, or if it exhibits a distinct change in performance indicating the need for service.

6. Only qualified service personnel should open this unit.

8. Removing covers will expose you to hazardous voltages.

9. Do not overload wall outlet, extension cords or integral convenience receptacles, as this can result in a risk of fire or electrical shock.

10. Route power supply cords so that they are not likely to be walked on or pinched by items placed on or against them, paying particular attention to cords at plugs, mains adapters, and the point at which they exit from the unit.

ACKNOWLEDGMENTS & TRADEMARKS

FCC COMPLIANCE STATEMENT

The 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 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 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.
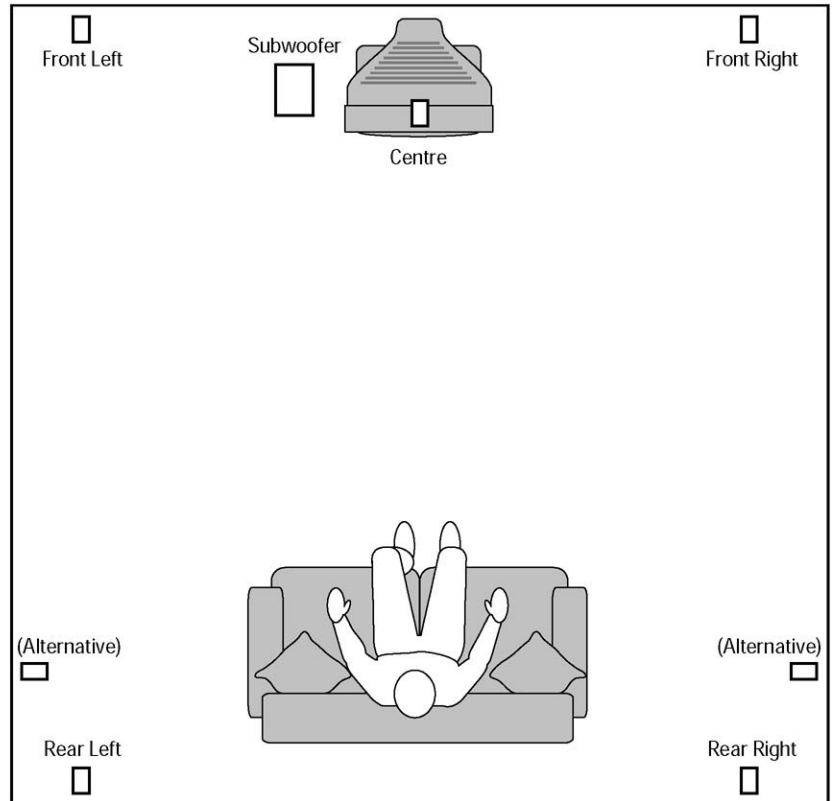
Notice
This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Shielded cables and I/O cords must be used for this equipment to comply with the relevant FCC regulations.
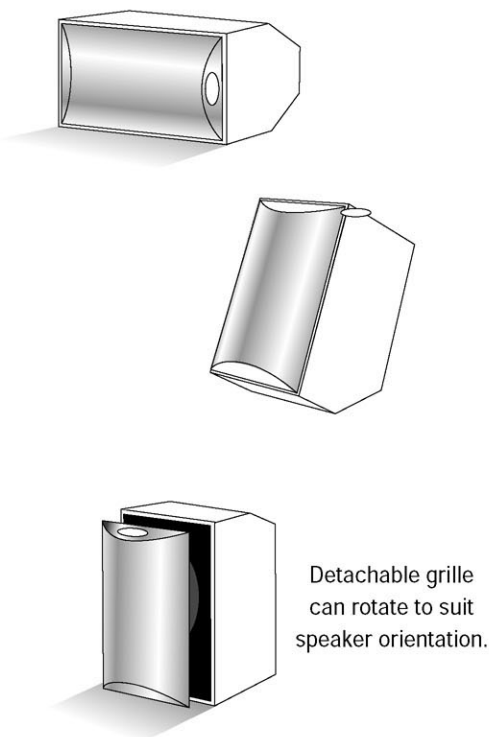
AEGO5 Speaker Placement

As with all loudspeakers, the placement in relationship to room boundaries (walls etc.) will have a major effect on their overall performance. As the Aego Satellites are so small your choice of positions is far greater and you should use this to maximize the performance of these remarkable little speakers.

If a speaker is positioned in free air (not close to any walls etc.) then it will sound brighter. If mounted on or close to a large object (such as a table or on a wall) then the mid range will become louder and the speaker will sound warmer and more powerful.
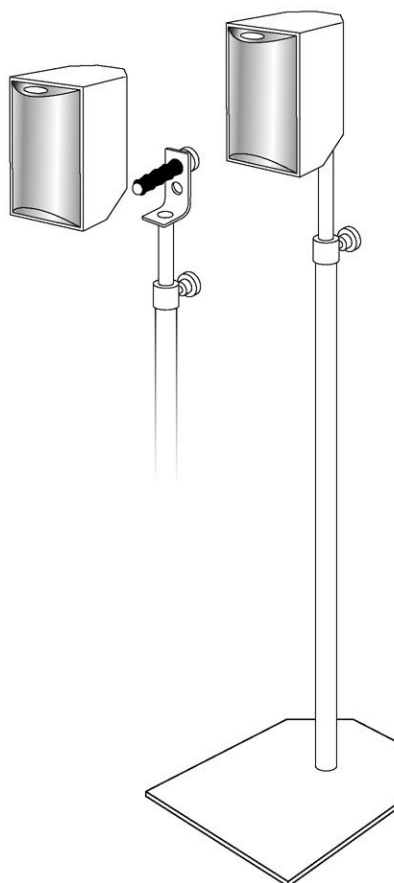
In most situations we would recommend that the satellites are mounted on walls at about head height with the brackets provided to give you a warm powerful sound that you will find pleasing and comfortable. However if this is not possible then Aego Speaker Stands are available from your dealer.
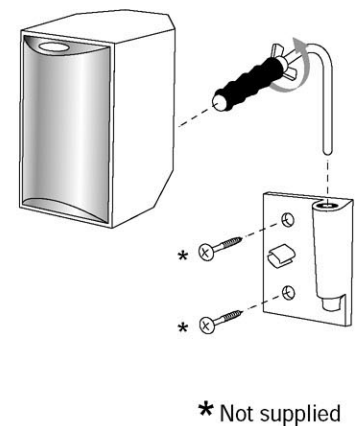
Front Left
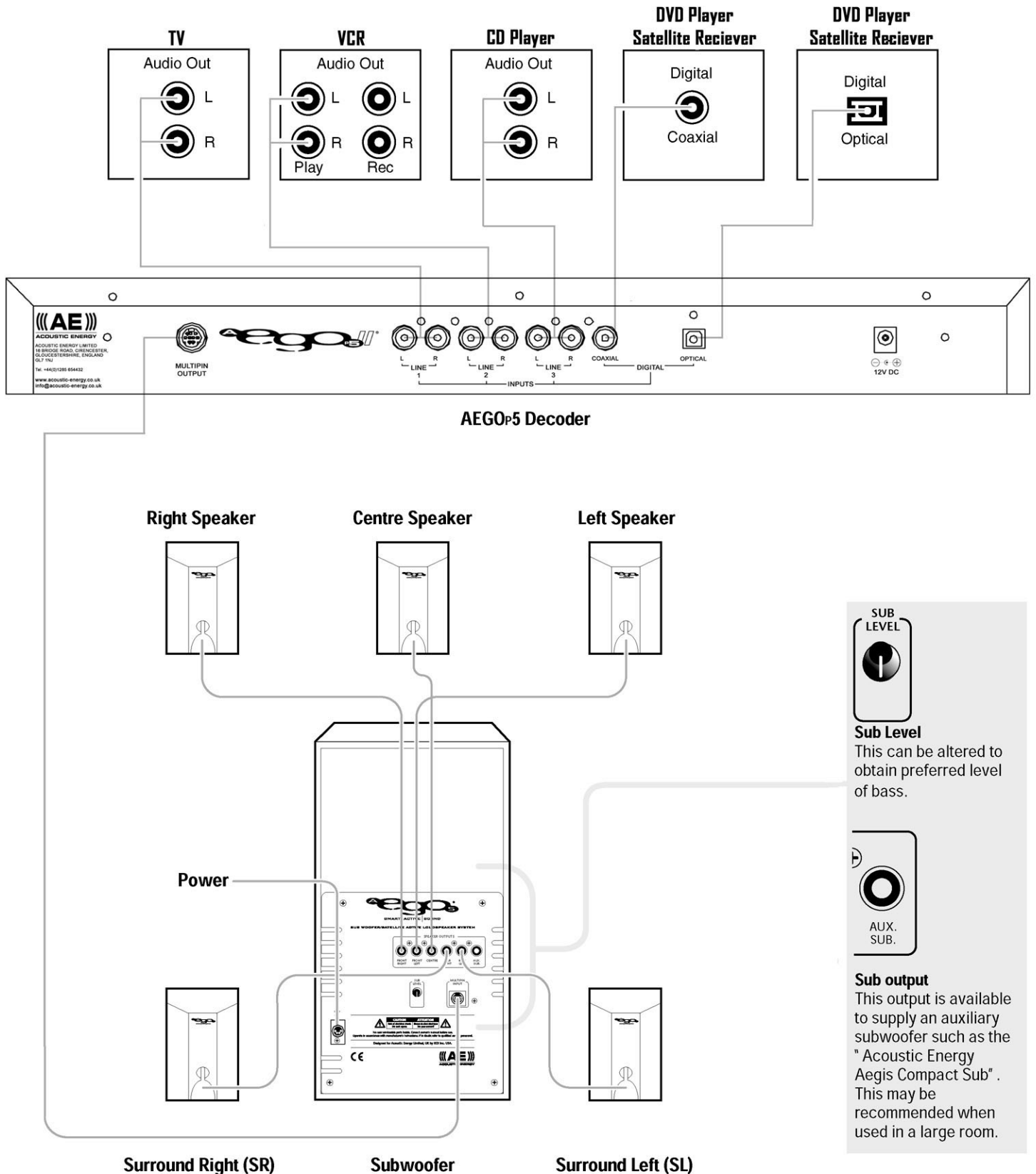Subwoofer
Centre
Front Right

(Alternative)
(Alternative)

Rear Left
Rear Right

Surface Mounting

Detachable grille can rotate to suit speaker orientation.

Stand Mounting

Wall Mounting

* Not supplied

* Not supplied

Connecting AEGOp5

TV
Audio Out
L
R

VCR
Audio Out
L   L
R   R
Play   Rec

CD Player
Audio Out
L
R

**DVD Player
Satellite Reciever**
Digital
Coaxial

**DVD Player
Satellite Reciever**
Digital
Optical

AEGOp5 Decoder

MULTIPIN OUTPUT

L R   L R   L R   COAXIAL   OPTICAL   12V DC
LINE 1   LINE 2   LINE 3   DIGITAL
INPUTS

Right Speaker   **Centre Speaker**   **Left Speaker**

SUB LEVEL

Sub Level
This can be altered to obtain preferred level of bass.

Power

AUX. SUB.

Sub output
This output is available to supply an auxiliary subwoofer such as the " Acoustic Energy Aegis Compact Sub" . This may be recommended when used in a large room.

Surround Right (SR)   **Subwoofer**   **Surround Left (SL)**

1. Connect satellite speakers to the AEGO p5 subwoofer as shown using speaker cables provided.
2. Connect decoder to subwoofer as shown using the multi-pin cable provided.
3. Connect all inputs from your signal sources (DVD Player, TV, Satellite Reciever, etc.) to the relevant inputs on the AEGO p5 decoder.
4. Plug in the power adaptors and turn on system using the power switch on the front of the decoder or the power button on the remote.
5. Set volume to aproximately -10dB using the remote handset
6. Press the TEST button on the remote and listen to the test signal (a loud hiss) as it moves around all the speakers individually.
   This pattern of movement should correspond to the display on the decoder telling you which speaker should be playing.
   If this is not the case then the speaker connections on the rear of the subwoofer may be connected in the wrong order.
7. Once this has been done you are ready to enjoy your AEGO p5.

AEGOp5 Decoder

AEGOp5 Front Panel
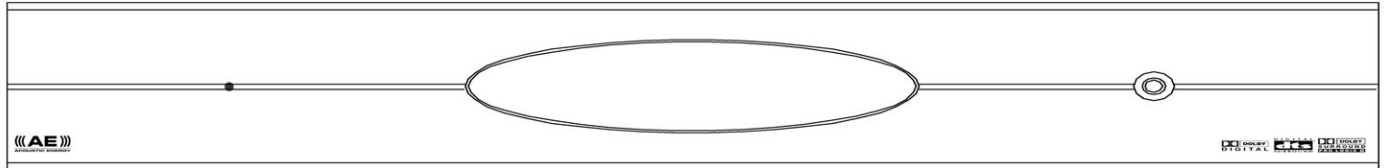
Power LED
Indicates status of
the AEGO p5 syetem.
Dim Blue indicates
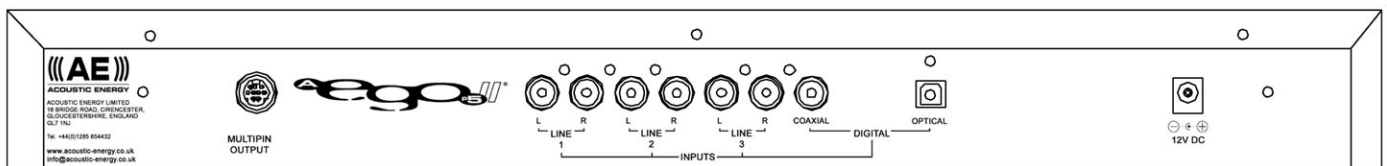Standby mode.
Bright Blue indicates
System ON.

LCD Display
Provides you with
information regarding the
system status and settings.

Power Switch
Toggles system between
ON and STANDBY.

AEGOp5 Rear Panel

Multipin Output
This provides the signal
feed to the AEGO p5
Subwoofer along with
a trigger to switch the
amplifersin to standby
mode.

Analogue Inputs
These inputs accept
stereo analogue signals
from a variety of
sources i.e. VCR, TV,
CD, Satellite Recievers,
Games Consoles
and any other source
that has a Stereo output.

Digital Inputs
These inputs are the ones
that give you acess to the full
Dolby Digital and DTS 5.1
surround sound experience.
Your AEGO p5 Decoder will
accept either optical or coaxial
digital inputs and both can be
connected at the same
time to different sources but
can only be selected one at a
time.
These inputs could be used for
DVD Players, Digital Satellite
boxes, Games consoles,
CD Players (with SPDIF out),
Laser Disc Players and any
other system that has
optical or digital outputs.

AEGOP5 Remote Control
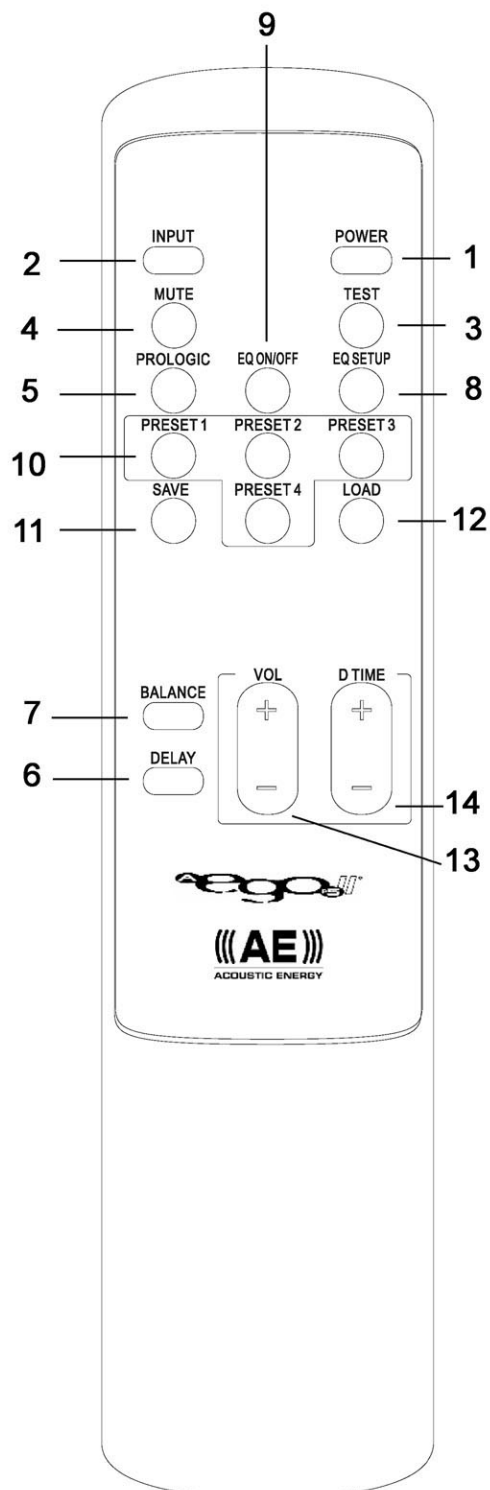
1   **POWER Button**
on/off key.

2   **INPUT MODE button**
Select from the 5 different scource inputs.

3   **TEST Button**
Test signal for the 6 discrete channels.

4   **MUTE Button**
Mute the sound (toggle on and off).

5   **PRO LOGIC Button**
Select from 4 different surround settings.

6   **DELAY Button**
Select the desired channels to engage the time delay adjustment.

7   **BALANCE Button**
Set the volume settings for each of the 6 channels

8   **EQ SETUP Button**
Selects up to 5 EQ band settings

9   **EQ ON/OFF Button**
Activate the EQ facility

10 **PRESET Button (P1,P2,P3,P4)**
Recall up to 4 different presets

11   **SAVE Button**
Store your settings in to a selected Preset

12   **LOAD Button**
Activate your saved settings stored in selected presets

13   **VOL + and VOL -**
Increase/decrease the volume

14   **D TIME Button**
Increase / decrease the selected delay time

The following pages provide information on the operation of AEGO₂5MkII. The AEGO₂5MkII was purposely designed to be simple to operate with all functions available on the remote.

AEGOP5 OPERATION
- LCD AND LEDS

1. Press the power button to turn the AEGO₂5 on, press it again to turn it off.

2. When power is turned off but still connected to the mains:
   a. LCD display is off and Power LED is dimmed.
   b. Decoder status and user configurations are stored.
   c. Once the power is turned on again, AEGO₂5 will resume to its previous decoder status and user configurations.

3. When power is turned off and the unit unplugged from the mains:
   a. LCD display is off and Power LED is off.
   b. Decoder status and user configurations are not stored.
   c. AEGO₂5 will reset to factory defaults if the adaptor is reconnected to the mains.

AEGOP5 OPERATION
- LCD DISPLAY

Auto Decode Mode (Auto detection of input type)
When AEGO₂5 is turned on, it automatically detects and identifies the audio signal coming from source unit.

Playing a DVD title with Dolby Digital (AC3) format, the display shows the following information.

```
DOLBY DIGITAL CO
SURROUND
```

Playing a DVD title with DTS format, the display shows the following information.

```
DTS COAXIAL
SURROUND
```

Playing DVD, CD, LD, VCR and games consoles connected to the analogue inputs (INPUT 1, INPUT 2, INPUT 3), the display shows the following information.

```
PCM LINEIN
STEREO
```

AEGOP5 OPERATION - MODE
SELECTION

Surround Processing Modes:
The versatile AEGO₂5MkII surround sound processor is capable of processing both the digital or analogue audio signals from many different types of audio source. With the equipment connected correctly, AEGO₂5 automatically detects the type of digital signal present at the digital input.

AEGOP5 OPERATION
- INPUT SELECTION

Input Selection
The AEGO₂5 can be connected to up to 5 audio sources. Select the input source you want by repeatedly pressing the INPUT Button on the remote control until the desired source is selected.
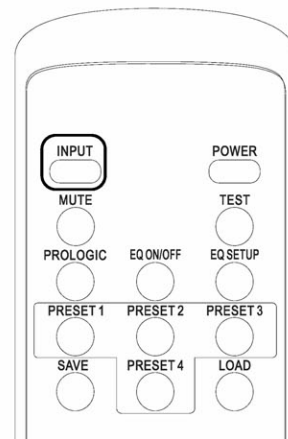
In the Digital Mode (Dolby Digital / DTS), you can manually select the audio input source either in coaxial or optical form depending on the input type.

If "COAXIAL" is selected, the display shows the following information:

```
DOLBY DIGITAL CO
SURROUND
```

If "OPTICAL" is selected, the display shows the following information:

```
DOLBY DIGITAL OP
SURROUND
```

In the PCM mode, you can switch between 3 audio input sources such as CD Player, VCR, game consoles etc.
The display shows the following information:

```
PCM      INPUT 1
STEREO
```

AEGOP5 OPERATION
- TEST MODE

Test Mode

After connecting up to your source and speakers, you can press the **TEST** button on the remote to test the system. You can also use the test mode to test the location of the speakers. When the **TEST** button is pressed, white noise is generated through all satellite speakers in an order of Front Left, Centre, Front Right, Rear Left, and Rear Right channels for 2 seconds each. When completed, the AEGOp5 returns to Auto Decode mode.
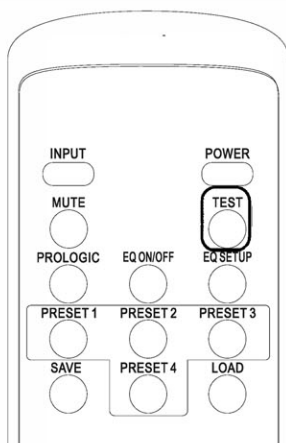
When test mode is running, the display shows information in a sequence as below:

```
DOLBY DIGITAL CO
TEST    L
```

```
DOLBY DIGITAL CO
TEST    C
```

```
DOLBY DIGITAL CO
TEST    R
```

```
DOLBY DIGITAL CO
TEST    SL
```
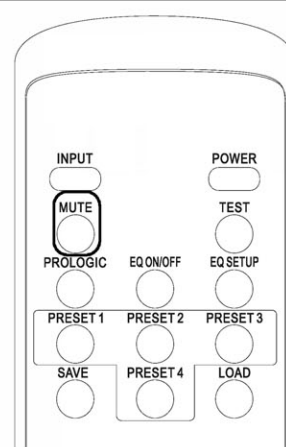
```
DOLBY DIGITAL CO
TEST    SR
```

AEGOP5 OPERATION
- MUTE MODE

Mute Mode

Pressing **MUTE Button** on the remote control will mute all signal outputs

To disable the mute function, press **MUTE Button** again.

When MUTE Button is pressed, the display shows the following information:

```
DOLBY DIGITAL CO
SURROUND      MUTE
```

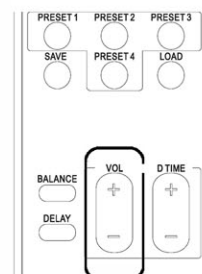## AEGOP5 OPERATION
- MASTER VOLUME CONTROL

Volume Setting

To increase or decrease the master volume of your AEGOP5, simply press **VOL +** or **VOL -** on the remote control.

Example:

Volume being decreased by 3 decibels.

```
DOLBY DIGITAL CO
VOLUME    -03DB
```

AEGOP5 OPERATION
- BALANCE SETTING

Balance Button

You can set the volume setting of each individual channel.

To select a channel, press **BALANCE** button on the remote control repeatedly until the desired channel is reached.

Adjust volume on selected channel by pressing **VOL +** or **VOL -** on the remote control.

Example:

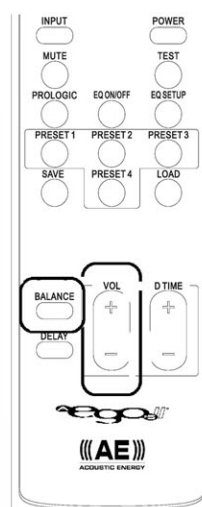Press the **BALANCE** button once to display the current balance volume for channel L (Left).

```
DOLBY DIGITAL CO
BALANCE   L    0DB
```

Press the **BALANCE** button again to select the next channel.
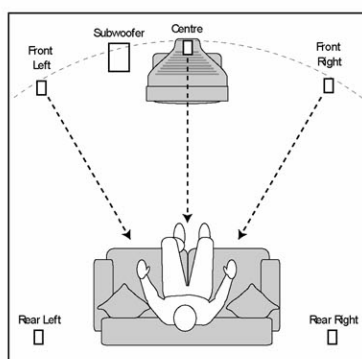
```
DOLBY DIGITAL CO
BALANCE   R    0DB
```

Press **VOL +** or **VOL -** will increase or decrease the balance volume for selected channel.

```
DOLBY DIGITAL CO
BALANCE   R   +0DB
```

AEGOᴘ5 Operation
- Delay Calibration

The recommended listening position is described below:

■ Centre channel speaker should be placed the same distance as the left and right speakers from your listening position.

■ Rear left and right speakers should be placed behind your listening position and above ear level.

■ If speaker placement is restricted due to the physical environment of the room, delay calibration is sometimes necessary to achieve the ideal listening environment.

■ If the centre speaker can only be placed nearer to you than the left and right speakers, sound from the centre speaker will arrive before the sound from the left and right speakers. The difference in arrival time may affect the sound quality and effect. Your AEGO₅5 allows you to adjust the speaker time delay to compensate for this by increasing the delay time for the centre channel. Thus sound from the centre, left and right speakers will reach you at the same time. If your centre speaker is closer to your listening position than the left and right speakers, press DELAY button repeatedly until the centre channel is selected. To increase or decrease the delay time, press D TIME + or D TIME - until the desired delay is selected. The same procedure can be applied to adjust the delay time of rear surround speakers if necessary.

AEGOᴘ5 Operation - Time Delay
Adjustment
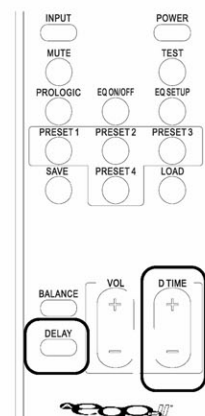
Press the DELAY Button will display the current delay time for channel SL.

```
DOLBY DIGITAL CO
DELAY    SL 5 MS
```

Press the DELAY Button again will circle to next channel.

```
DOLBY DIGITAL CO
DELAY    SR 5 MS
```

Press the D TIME + or D TIME - button will increase or decrease the delay time for current channel.

```
DOLBY DIGITAL CO
DELAY    SR 6 MS
```

AEGOP5 OPERATION
- PRO LOGICII MODE

Pro LogicII Mode
Your AEGO₅5 will automatically switch to
Pro LogicII mode when it detects a Pro Logic
signal. With other types of input signal, you
can select the Dolby Pro LogicII mode
manually by pressing Pro Logic button on
the remote. Repeatedly pressing the
Pro Logic Button will switch the Pro LogicII
mode in between the following modes;
AUTO, ALL PCM, ENABLE and DISABLE.
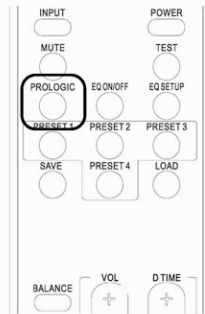
If a Pro Logic signal is detected, AEGO₅5 will switch to Pro LogicII
mode automatically, and the display shows the following information:

```
DOLBY DIGITAL CO
PLII AUTO
```

If a stereo signal (either analogue or digital) is detected, AEGO₅5 will
switch to stereo mode automatically. You can then convert the stereo
mode to Pro Logic mode by pressing the Prologic button until you see
the following on the display:

```
DOLBY DIGITAL CO
PROLOGIC ALL PCM
```

```
DOLBY DIGITAL CO
PLII ENABLE
```

If you want to convert Pro Logic or 2-channel Dolby Digital signal into
Stereo mode, you can press the Prologic button until you see the
following on the display:

```
DOLBY DIGITAL CO
PLII DISABLE
```

AEGOP5 OPERATION
- SAVING PRESETS

Setting Presets
The AEGO₅5 enables you to customise
up to 4 settings. This function enables
you to save and load your favourite
settings at any time.

Saving a Preset:
Press the PRESET 1 button, the display
will show the following:
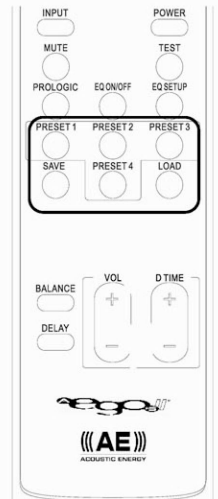
```
DOLBY DIGITAL CO
PRESET 1
```

Press the SAVE button to save all the
current decoder settings into Preset 1.

```
DOLBY DIGITAL CO
PRESET 1 SAVING
```

```
DOLBY DIGITAL CO
PRESET 1 SAVED
```

When complete, your AEGO₅5 will revert back to Auto Decode mode.

```
DOLBY DIGITAL CO
```

AEGOP5 OPERATION
- LOADING PRESET

Loading a Preset
You can load a previously saved preset
by pressing LOAD button on the
remote.

Loading a Preset:
Press any of the 4 preset buttons,
(PRESET 1, PRESET 2, PRESET 3 or
PRESET 4), the display will show
the following:

```
DOLBY DIGITAL CO
PRESET 1
```

Press LOAD button to load the preset.

```
DOLBY DIGITAL CO
PRESET 1 LOADING
```

```
DOLBY DIGITAL CO
PRESET 1 LOADED
```

When preset loading is complete, your AEGO₅5 will revert back to
Auto Decode mode.

```
DOLBY DIGITAL CO
```

AEGOᴘ5 Operation
- Equalization

5-Band Equalization

Your AEGOᴘ5 features a 5-band equalizer which enables you to fine tune the sound of your favourite movie or music. Press **EQ SETUP** button on the remote to activate it. Repeatedly pressing **EQ SETUP** button will switch between the 5 bands.

Each band of the equalizer enables you to adjust your desired volume to a maximum of ±10dB. Press **VOL +** or **VOL -** on the remote control to adjust the volume.

After setting the desired volume for each EQ band, you

Press the **EQ SETUP** button to display the current setting of EQ Band 1.

```
DOLBY DIGITAL CO
EQ BAND 1     0DB
```

Press the **EQ SETUP** button again to select next EQ Band.

```
DOLBY DIGITAL CO
EQ BAND 2     0DB
```

Press the **Vol+** or **Vol-** button to increase or decrease the volume for current EQ Band.

```
DOLBY DIGITAL CO
EQ BAND 2  +01DB
```

Press **EQ SETUP** button to store the new EQ setting.

Press **EQ ON/OFF** button to switch the new EQ settings on or off.
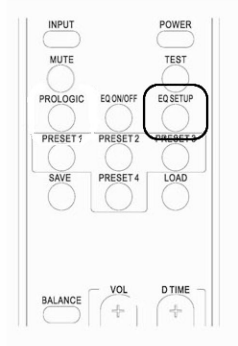
1. ***Can I connect my satellite speakers to a standard amplifier?***
No, The satellites are very low impedance you may damage your existing amplifier
.

2. ***Why can't I get 5.1 surround sound from my DVD player?***
a) Does your DVD player have a digital output and if so are you using it? Dolby Digital and DTS has to come from the digital output of your DVD player. If it doesn't have one then your player will not be able to work in 5.1 surround sound mode.

b) Is your DVD player set to output 5.1? Some players, when shipped from the manufacturer, are set to only work on 2ch mode (stereo). This can usually be changed in the user set-up menu.

c) Is the DVD disc that you are playing encoded to give Dolby Digital or DTS 5.1 surround sound output? Some disks are only recorded in Stereo. If DTS is required you may need to select this from the disc's set-up menu.

3. ***How do I get surround sound from my TV or VCR?***
TVs, VCRs and most Digi-boxes (unless specified by the manufacturer) cannot produce true digital 5.1 surround sound. This can be overcome with very satisfactory results by using ProLogic II to produce a false surround sound effect from any stereo signal. To do this use the ProLogic button on your Aegop5 remote control to set the system to "ProLogic Enable".

4. ***What's the difference between ProLogic All and ProLogic Enable?***
There is very little difference between these two settings.

5. ***Why in ProLogic mode does everything seem to be unbalanced?***
Because of the nature for the ProLogic system there can sometimes be too much of the signal sent to the centre channel. Adjusting the balance of the centre speaker using the balance button on your remote and adjusting it to approximately –6dB can rectify this. Once a satisfactory balance has been achieved we suggest that you save this setting in one of the 4 available presets.