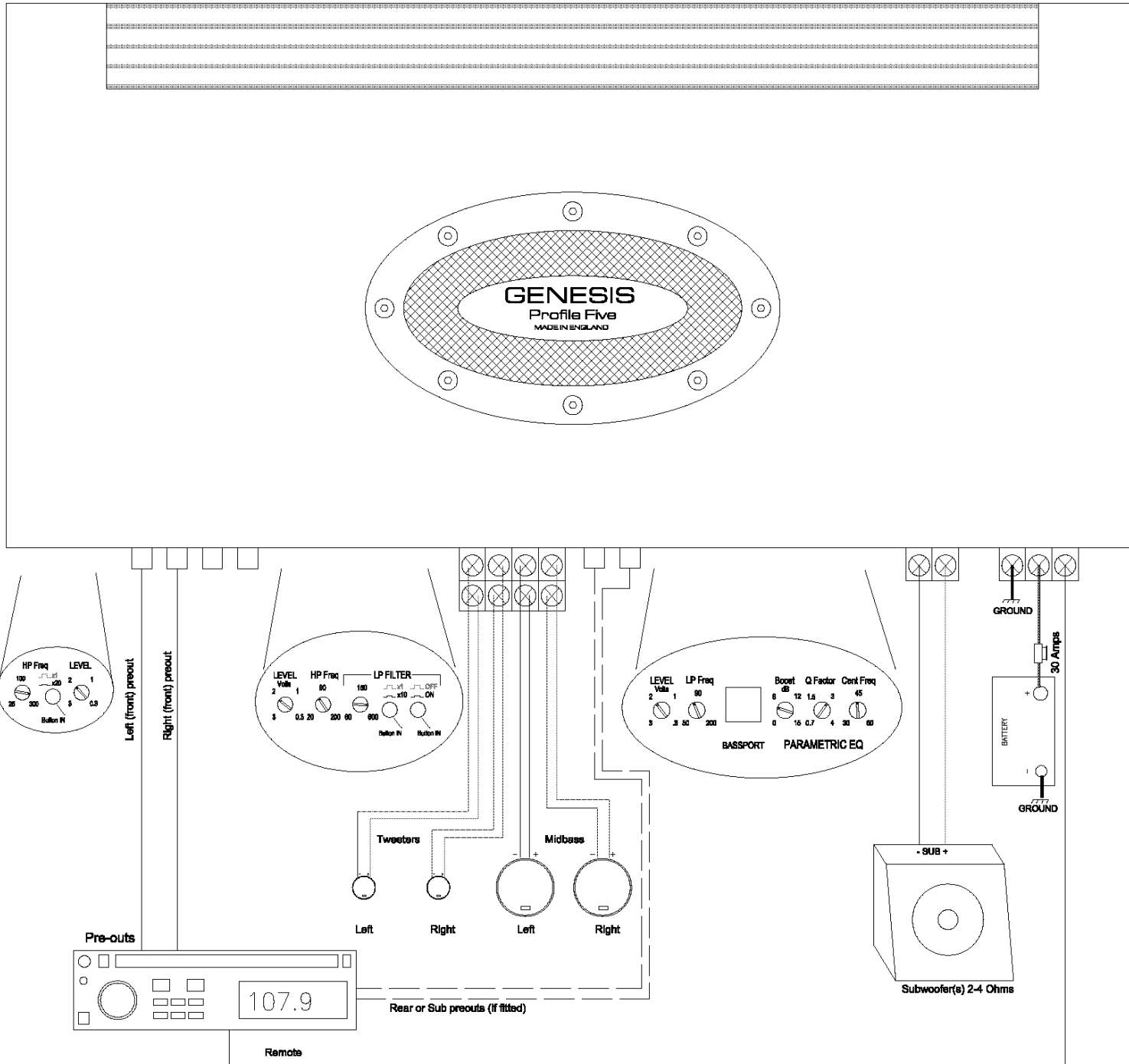


# Profile Five Connection Diagram - Active Front System + Sub



## Profile 5 Specifications:

**Power output, Front & rear Channels:**  
 4 x 50W RMS @ 4 Ω  
 4 x 70W RMS @ 2 Ω  
 2 x 140W Bridged @ 4 Ω

**Power output, Sub Channel:**  
 1 x 150W RMS @ 4 Ω  
 1 x 250W RMS @ 2 Ω

Signal/Noise ratio 'A' Wtd: > 100dB

Input Sensitivity: 0.3 - 3.0 volts (4 volt preout Compatible)

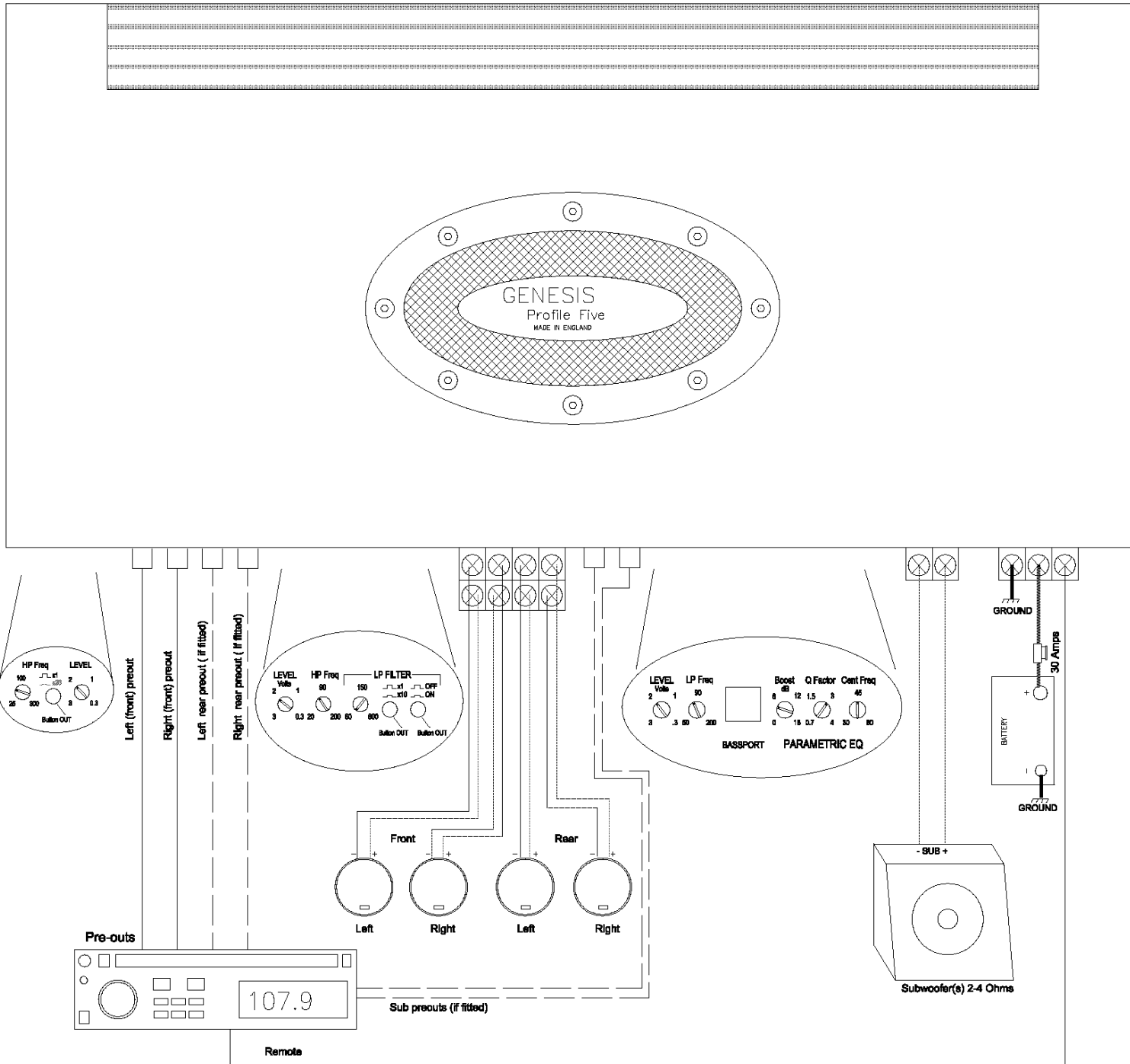
**Filters:**  
 HP CH 1 & 2: 25 - 6000 Hz, 12dB / Octave  
 HP CH 3 & 4: 20 - 200 Hz, 12dB / Octave

LP CH 3 & 4: 60-6000Hz, 12dB / Octave  
 Sub Channel: 50-200Hz, 12dB / Octave  
 Sub Channel EQ: 0-15dB, 30-80Hz, 'Q' 0.7-4.0

## Installation & Operating Notes:

1. If only one set of pre-outs is available, plug these into Inputs 1&2. Signal will be fed to Inputs 3&4, and sub internally via the 'smart switching' feature. Do not use 'Y' cables. If 2 sets of preouts are available then plug these into inputs 1&2, and 'Sub' to allow sub level adjustment using the feder.
2. Settings shown are for guidance only. The front system crossover frequency is at 5kHz using the settings shown. The level control for CH1&2 will now control tweeter level, and can be used to set the desired sound balance. Consult speaker manufacturers data to get accurate data on crossover points.
3. Power cable should be 10mm (8AWG) or larger.
4. The Parametric control on subwoofer channel should be set up using a RTA ( real Time analyser ). An RTA will also assist in setting up the front system crossover points.
5. Up to 2 pairs of 4 ohm speakers (or tweeters) can be connected to each output. The Minimum sub load is 2 ohms.
6. The bassport socket is for an optional subwoofer remote level control. This allows remote adjustment of the sub level by + or - 10dB.
7. Overloading the amp will cause the red power light to flash. Remove the cause of the overload to restore normal operation of the amplifier. (Check air intake is not clogged, if amp has previously been working normally.)
8. The fan only runs when the amplifier is hot.
9. Mounting centres for concealed bracket mounting: 150 x 440mm
10. Cutout for through mounting: 217 x 450 mm.
11. Periodically clean fan intake, using brush attachment on vacuum cleaner.

# Profile Five Connection Diagram – Front + Rear + Sub



## Profile 5 Specifications:

**Power output, Front & rear Channels:**  
 4 x 50W RMS @ 4 Ω  
 4 x 70W RMS @ 2 Ω  
 2 x 140W Bridged @ 4 Ω

**Power output, Sub Channel:**  
 1 x 150W RMS @ 4 Ω  
 1 x 250W RMS @ 2 Ω

Signal/Noise ratio 'A' Wtd: > 100dB

Input Sensitivity: 0.3 - 3.0 volts (4 volt preout Compatible)

**Filters:**  
 HP CH 1 & 2: 25 - 6000 Hz, 12dB / Octave  
 HP CH 3 & 4: 20 - 200 Hz, 12dB / Octave

LP CH 3 & 4: 60-6000Hz, 12dB / Octave  
 Sub Channel: 60-200Hz, 12dB / Octave  
 Sub Channel EQ: 0-15dB, 30-60Hz, 'Q' 0.7-4.0

## Installation & Operating Notes:

1. If only one set of pre-outs available, plug these into inputs 1&2. Signal will be fed to inputs 3&4 Internally. Do not use "Y" cables.  
 If 2 sets of preouts are available then plug these into inputs 1-4 for front-rear fading, or 1&2, and 'Sub' to allow sub level adjustment using the fader.
2. Settings shown are for guidance only. Consult speaker data for more accurate information.
3. Power cable should be 10mm (8AWG) or larger.
4. Parametric control on subwoofer should be set up using an RTA.
5. Up to 2 pairs of 4 ohm speakers can be connected to each output. The Minimum sub load is 2 ohms.
6. Overloading the amp will cause the red power light to flash. Remove the cause of the overload to restore normal operation of the amplifier. (Check air intake is not clogged, if amp has previously been working normally.)
7. The fan only runs when the amplifier is hot.
8. Mounting centres for concealed bracket mounting: 150 x 440mm
9. Cutout for through mounting: 217 x 450 mm.
10. Periodically clean fan intake, using brush attachment on vacuum cleaner.