

World Tour Pro Series

Quick Start Guide



For all World Tour Pro Amplifiers

HI FIDELITY FOR LOW FREQUENCY

IMPORTANT SAFETY INSTRUCTIONS


1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturers instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purposes of the polarised or grounding type plug. A polarised plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or third prong are provided for your safety. If the provided plug does not fit your outlet, consult an electrician for replacement of the obsolete outlet.
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.
11. Only use attachments / accessories specified by the manufacturer.
12. Use only with a cart, stand, tripod, bracket or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip over.
13. Unplug this apparatus during lightning storms, or when unused for long periods of time.
14. Refer all servicing to qualified personnel. Servicing is required when the apparatus has been damaged in any way, such as a power supply cord being damaged, liquid being spilled in or on the unit, or objects falling into the apparatus. If the apparatus has been exposed to rain or moisture, does not operate normally or has been dropped.



Portable Cart Warning

WARNING - To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. The apparatus shall not be exposed to dripping or splashing objects. Objects filled with liquids, such as beer glasses, shall not be placed on the apparatus.

WARNING - The mains plug / appliance coupler is used as a disconnect device, the disconnect device shall remain readily operable.

WARNING -  **Protective earthing terminal.** The apparatus should be connected to a mains socket outlet with a protective earthing connection.

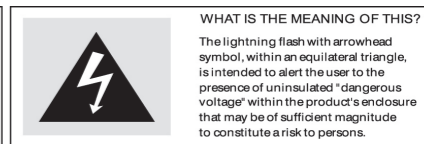
Avertissement: pour réduire le risque d'incendie ou choc électrique, ne pas exposer cet appareil sous la pluie et l'humidité.

La prise du secteur est utilisé pour déconnecter le système.

La prise du secteur ne doit pas être obstruée ou doit être facilement accessible pendant son utilisation pour être complètement déconnecté de l'alimentation d'entrée la prise doit être débranchée du secteur.



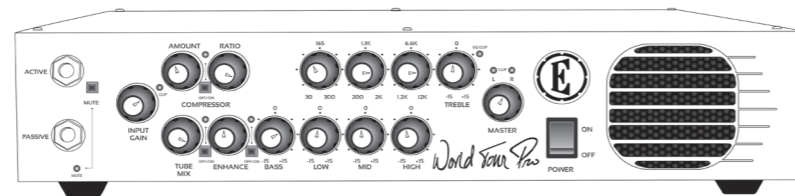
WHAT IS THE MEANING OF THIS?
The exclamation point, within an equilateral triangle, is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature.



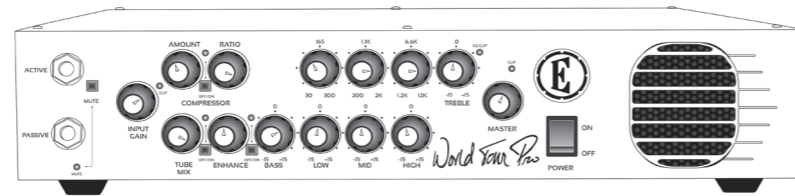
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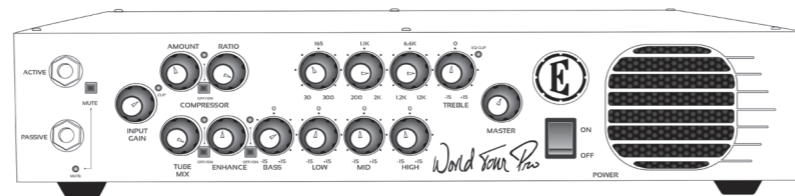
WTP 900



WTP 600



WTPre



Thank you for choosing Eden.

We hope that this product provides you with not only years of faithful service, but also the inspiration and capability to take your music and express yourself in your own way.

At Eden we realize that having the right gear can mean the difference between having the confidence and ability to perform or not, so we strive to provide you with the tools that you need, whether at home, in the studio or in a stadium.

All of our Products have been carefully designed and built to provide you with optimum performance and maximum flexibility. At Eden we work carefully to ensure that every component in a product has been chosen to deliver the best possible product to you. In addition to using the best materials and processes, Eden is also conscious of the environment and works hard to do everything it can to minimize its impact on the world we live in while still giving you the premium equipment you should expect from us.

Please take time to read this quick start guide carefully before using your equipment. As with every piece of musical equipment, how you use it will affect the results you can achieve. By taking 5 minutes to understand these guidelines you will not only ensure you get the best performance from your Eden product, but it may also prevent you from accidentally damaging your unit through improper use.

We hope you continue to enjoy your equipment and welcome any comments or suggestions you may have for Eden. After all, it is the creative inspiration of musicians and their music that drives all of us.

Thank you

The Eden Team

CAUTION!

Your World Tour Pro unit is for Professional use. This guide assumes that as an owner you have an understanding of professional bass equipment, its capabilities and its limitations. If you are unsure about any of the features or functions on your unit you can find out more by visiting www.edenamps.com or alternatively consult with your authorized Eden dealer.

The equipment you have purchased has been developed to provide you with a tool to achieve great tone and in some cases deliver levels of volume that may be unsuitable for use in confined spaces or without hearing protection.

Every piece of Eden equipment is designed to perform exceptionally and just as with other high performance products can in certain situations be capable of operating at levels that may be outside of the requirements or capability of the user.

Use this equipment safely and considerately, the volume control on higher Wattage amplifiers is your responsibility. Your ears and those of others who are fortunate enough to hear you play are important instruments required to enjoy your music.

If you experience any hearing loss or discomfort when listening to any loud music or activity which involves excessive noise then speak with a medical professional. As a musician keeping your ears in good working order is as important as being able to play, you only get one set of ears!

Congratulations you are now the proud owner of an World Tour Pro product from Eden.

Through decades of experience working with musicians Eden has created the ultimate tool in expression for bass players. Every World Tour Pro amplifier has been carefully designed to provide you with the power needed to be heard and with the confidence that the tone, and studio quality features will enable you to get the sound you need over and over again.

From its high speed compressor, preamp tube warmer circuit through to its revolutionary new selectable mode output indicator system the World Tour Pro has been designed through years of discussion with artists, studio engineers and touring equipment technicians to ensure that every element of the amplifiers controls and sound are capable of providing performances worthy of the largest stadium or most prestigious recording studio.

We hope you enjoy using your World Tour Pro and wish you the very best success with your music.

BEFORE YOU PLUG IN

In Before you plug in or use your amplifier please ensure you know how to correctly operate your unit. Incorrect operation or installation may lead to undesirable results or unit failure which can be avoided by reading this guide.

Ventilation and Cooling

Important: All World Tour amplifiers have been designed to operate in the most demanding of conditions, to ensure your product performs to the best level every time always ensure ventilation holes and cooling fans are unobstructed so that they can provide the required airflow for the product. The cooling system design for World Tour Pro products means that fans on the product will only operate when required.

Cabinet Impedance Selection

Important: To get the best from your amplifier always ensure that you match it with cabinets that of the right impedance. World Tour Pro amplifiers are fitted with revolutionary new illuminated speaker outputs (powered units only) which provide indication of which impedance cabinets to plug into which socket this is explained in more detail in the back panel segment of this document. To get the full power from your amplifier you will need to operate it at a 4ohm load (8ohm Bridge Mono).

Operating with no load

All Eden World Tour Pro amplifiers can safely be used with no load as preamplifiers for studio recording or as pre amplifiers for tone shaping before a power amplifier.

If you are ever unsure about the operation or correct use of a product please contact the store where you bought your amplifier, they will be more than happy to provide advice and support.

PRODUCT FRONT PANEL FEATURES

[For WTP900, WTP600 and WTPre]

All World Tour Pro amplifiers are designed with the same front panel features. To understand what each feature does and how to use it please follow the guide below.

World Tour Pro amplifiers are fitted with both active and passive inputs and an input gain control. This allows you to finely tune the input signal and get the most out of your amplifier. If an instrument is plugged into both inputs both sockets behave as active inputs. The Active inputs change the impedance and input level of the signal to compensate for modern high output bass instruments.

1. Active Input: Plug your active or high output instrument into the amplifier here.
2. Mute: Use this button to mute the amplifiers input (engages mute indicator LED).
3. Passive Input: Plug you non active or low output instrument in here.
4. Mute Indicator: This LED will illuminate when the input for the amplifier is muted. If a signal is played while in mute mode the light will blink to let the user know that they are trying to play while in mute mode.
5. Input Gain: Fine tune the amount of signal sent to the preamp using this control. Use in conjunction with the input gain clip indicator to get the best performance from your amplifier. When the Tube mode of the amplifier is in operation the input gain controls the amount of Tube Gain applied to the signal.
6. Input Clip Indicator: This LED will illuminate when the input signal begins to clip. If clipping occurs slowly turn the input gain control to the left until the clip light stays off. If the amber light periodically illuminates during playing but does not change to red this indicates you are using the maximum amount of input signal achievable into the front of the amplifier.

AMBER: If the indicator illuminates amber this means you have clipped the input stage of the amplifier briefly but not for a prolonged period of time. If the indicator operates only in the amber stage you are getting the maximum from the input stage of the amplifier without causing undesirable clipping to your sound.

RED: When the indicator illuminates red it will stay on for at least 1 second or if playing continues to clip the input stage. If the indicator shows red this means that it is likely the clipping that is occurring will be detrimental to your tone and you should lower the level using the input gain control so that the clip light only reaches the Amber level described above.

Compressor

World Tour Pro amplifiers have a studio quality, high speed, soft knee compressor which allows you to easily achieve the right level and amount of compression required for your playing style. The compressor not only acts quickly but it also adjusts its compression dependent on where in the register notes are played. This means that you can set the compressor to avoid being able to play through it, avoiding undesirable sound spikes regardless of how hard you play during your music.

7. Compressor Amount: Control the amount of compression applied to the signal here, the higher the level the more compression applied.
8. Compressor Indicator: When the compressor circuit is engaged the indicator LED will illuminate green. If the indicator changes to Amber this means that the compressor level is being reached and compression is taking place. If the indicator changes to RED this means you are spending a prolonged period of playing inside the compressor.
9. Compressor Switch: Turn compressor circuit off and on using this switch
10. Ratio: Adjust the Ratio of the compressor here.

Tube Stage

The World Tour Pro uses 2 tubes in its design. The first tube provides signal control as used in many of Eden's Traditional Amplifiers. The second tube is used entirely to provide the ability to add additional warmth to your amplifier sound and produce a more driven and aggressive sound without losing the overall definition of your playing.

11. Tube Mix: Turning the control to the right increases the signal sent through the tube stage. This control should be used in conjunction with the input gain control when the tube is switched on to adjust the amount of tube gain applied.
12. Tube Indicator: When the indicator is green this shows that the tube circuit has been switched on.
13. Tube off / on: Turn the preamplifier tube off and on here.

Enhance

Eden has used its Enhance control for many years to provide an easy way to quickly get the best tone from its amplifiers. The Enhance circuit provides an easy use EQ sweep allowing you to simultaneously boost very low bass, upper middle and high frequencies, while cutting the lower mid frequencies. This allows players to quickly find their sound before adjusting the finer EQ details with the EQ stage of the amplifier.

14. Enhance control: Adjust the Enhance sweep position using this control.
15. Enhance Light: When illuminated green this light shows that the Enhance circuit is on.
16. Enhance Switch: Turn the Enhance circuit for the amplifier off and on here.

Equalization

The World Tour Pro Semi-Parametric EQ provides the ability to truly detail your sound, to get the most from your instrument, or to achieve a particular tone or playing environment. The Eden EQ is designed with both a simple Bass and Treble control and an adjustable 3 stage Mid-Frequency control.

17. Bass Control: Increase or decrease the amount of bass applied here, set at 0 the bass response will be flat.
18. 30-300Hz: Use this control to choose the frequency to be adjusted by the Low control.
19. Low Control: Adjust the amount of lower mid frequency applied using this control, set at 0 the response will be flat. Use in conjunction with the 30-300 Hz control to define where in the lower mid frequency changes are made.
20. 200Hz-2KHz: Use this control to choose the frequency to be adjusted by the Mid control.
21. Mid Control: Adjust the amount of mid frequencies applied using this control, set at 0 the response will be flat. Use in conjunction with the 200hz-2Khz control to define where in the mid frequency changes are made.
22. 1.2KHz-12KHz: Use this control to choose the frequency to be adjusted by the High control.
23. High Control: Adjust the amount of upper mid frequencies applied using this control, set at 0 the response will be flat. Use in conjunction with the 1.2Khz-12Khz control to define where in the upper mid frequency changes are made.
24. Treble Control: Increase or decrease the amount of treble applied here, set at 0 the treble response will be flat.
25. EQ Clip: This light will illuminate when the EQ stage of the amplifier is clipped. When making some adjustments to the EQ you may find increasing certain frequencies cause the EQ stage to clip. Avoid this at all times by ensuring the EQ light does not illuminate.

Output Clip Lights

Depending on the amplifier, output clip lights may be present on the front panel. In the case of the WTP900 there are 2 lights one for each amplifier inside the unit. On the WTP600 there is a single output clip light and on the WTPPRE preamplifier there are no output clip lights. In order to get the maximum performance from your amplifier pay attention to the clip lights when using the Master Volume control.

Clip indicator (Power Stage): On units with clip indicators these provide the opportunity to get the most from your amplifier without overloading it.

OFF: When the indicator is off you are not clipping the power stage of the amplifier.

AMBER: If the indicator illuminates amber this means you have clipped the input stage of the amplifier briefly but not for a prolonged period of time. If the indicator operates only in the amber stage you are getting the maximum from the input stage of the amplifier without causing undesirable clipping to your sound.

RED: When the indicator illuminates red it will stay on for at least 1 second or continually to indicate clipping of the power amplifier. If the indicator flashes red this means that you are using the amplifier outside of its correct limits and the amplifier is overheating this will cause the amplifier to go into a safe mode reducing the chance of long term damage to the amplifier by increasing the cooling of the unit and lowering the output volume of the amplifier.

26. Master Volume: This adjusts the output volume of the amplifier. Use this control in conjunction with the output clip indicators (on powered units only) to achieve the best performance from your amplifier.

27. Illuminated Logo: Logo illuminates when amplifier is switched on.

28. OFF / ON switch: Turn your amplifier off or on using this switch.

29. Cooling Vent: Provides ventilation for the units cooling system. NEVER OBSTRUCT OR MODIFY THIS OR ANY OTHER VENT ON YOUR UNIT.

REAR PANEL FEATURES

[For WTP900, WTP600 and WTPre]

Features will be the same for each model except where the functionality is changed due to the absence of one or more power amplifiers in the product.

Depending on the model you own your World Tour Pro series product may be fitted with up to 3 internal fans. When turning the unit on these fans will briefly run up and then switch off again. The Fans in World Tour Pro products are only designed to activate when the unit becomes hot. It is normal for the fans to remain off if not required by the amplifier

Cooling Vent: Provides ventilation for the units cooling system. NEVER OBSTRUCT OR MODIFY THIS OR ANY OTHER VENT ON YOUR UNIT.

Power Input: Plug your unit in here. Please ensure your unit is of the correct voltage for your region and that you only use an Eden supplied power cable.

World Tour Pro 900 Rear Panel Features.

SPEAKER OUTPUTS: The Eden Illuminated Output System used on World Tour Pro amplifiers has been designed by Eden to more easily allow players to make the right choices with their rig selection. Because the sockets are illuminated, it allows you to simply select the mode that suits your cabinets ensuring you get the best performance with the equipment you own.

Each mode selected switches between bridge / bi-amp and represents the correct cabinet impedance that should be used with the associated socket, Green indicates 4ohm compatibility, Amber indicates 8ohm compatibility and red indicates that the socket should not be used.

Bridge Series: In addition to standard modes the World Tour Pro 900 is able to run in Bridge Series Mode. When engaged the amplifier can be used in bridged mode with 2 - 4ohm cabinets.

1. Speaker Output 1: Depending on selected mode, connect the correct impedance cabinet here using a Speakon speaker lead here.
2. Speaker Output 2: Depending on selected mode, connect the correct impedance cabinet here using a Speakon speaker lead here.
3. Amp Left Speaker 2 Output: Depending on selected mode, connect the correct impedance cabinet here using a Speakon speaker lead here.
4. Amp Right Speaker 2 Output: Depending on selected mode, connect the correct impedance cabinet here using a Speakon speaker lead here.
5. Output Left: Take your left signal output (post loop) to external equipment here.
6. Output Right: Take your right signal output (post loop) to external equipment here.
7. Aux Input: Connect Auxiliary input signal from your MP3 player or other device using 3.5mm jack cable here.
8. Headphones: Connect your headphones using this 3.5mm output (the headphone volume is controlled by the Master Volume control on the amplifier front panel).

9. Stereo Loop Return L: Return your left effect chain signal here.
10. Stereo Loop Return R: Return your right effect chain signal here.
11. Balance Control: Use this control to balance the level between the two amplifiers.
12. Stereo Loop Send L: Send your left effect chain signal out from here.
13. Stereo Loop Send R: Send your right effect chain signal out from here.
14. Bridge / Stereo mode: Switch between bridge mode and stereo mode here.
15. Cycle Mode: Cycle between available speaker output settings using this switch.
16. DI Volume: Adjust the output level of the DI Signal here.
17. Pre-Send: Take your signal from before the EQ stage here.
18. Pre-Return: Return your signal before the EQ stage here.
19. Ground Lift: Use this switch to lift ground on the DI output signal here.
20. Pre/Post Select: Select where the DI output signal is taken from here.
21. DI Out: Take XLR DI output signal from here.
22. Tuner Out: Take your signal for your tuner here.
23. Stomp: Connect optional Stompware Eden footpedal here to use footswitchable features on the amplifier.
24. X Over: Turn crossover circuit off or on using this switch.
25. X Over Control: Use this control to adjust the crossover point between each amplifier and the Left/Right line level outputs (Bi-Amp mode only).

World Tour Pro 600 Rear panel features.

SPEAKER OUTPUTS: The Eden Illuminated Output System used on World Tour Pro amplifiers has been designed by Eden to more easily allow players to make the right choices with their rig selection simply use the CYCLE button on the rear of the unit to select the cabinet array you need.

Each mode will change the illuminated color of the socket indicating the correct impedance cabinet to be used.

GREEN: indicates 4 Ohm compatibility, AMBER: indicates 8 Ohm compatibility, RED: indicates not to use this socket.

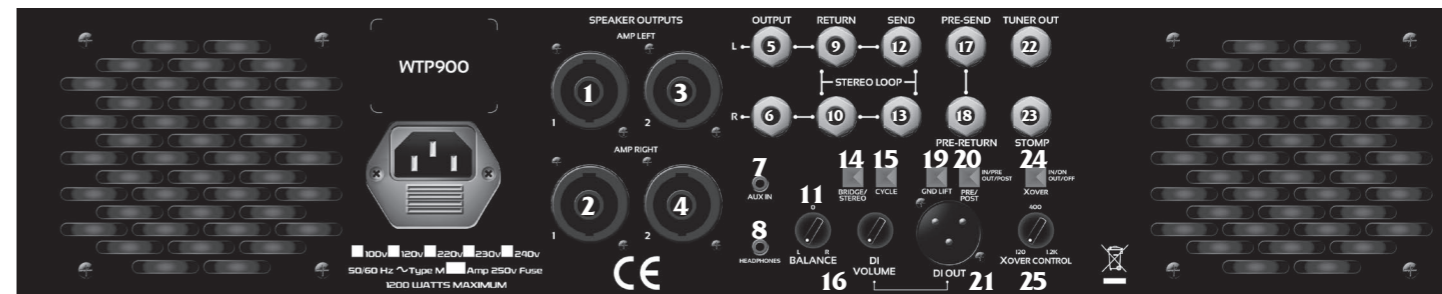
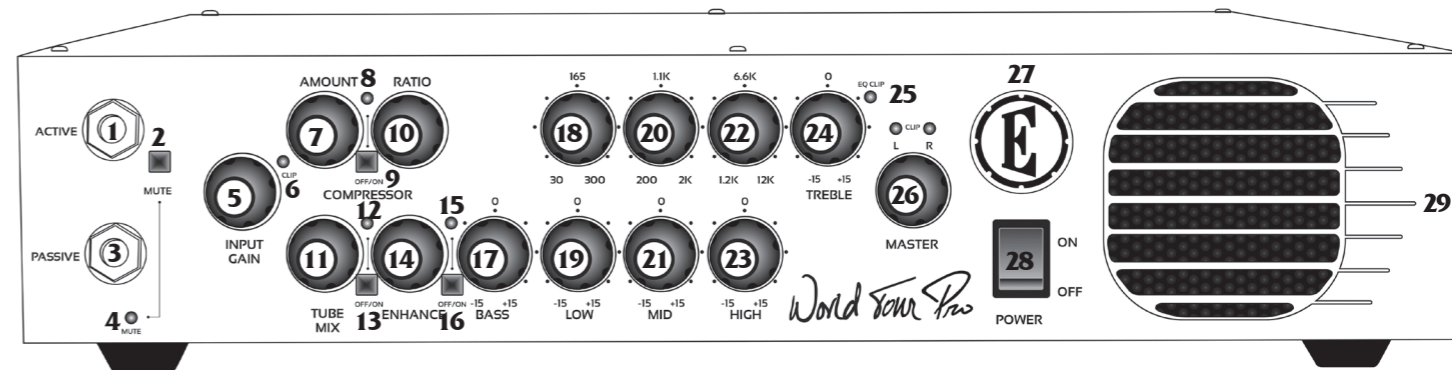
1. Amp Speaker 1 Output: Depending on selected mode connect the correct impedance cabinet here using a Speakon speaker lead here.
2. Amp Speaker 2 Output: Depending on selected mode connect the correct impedance cabinet here using a Speakon speaker lead here.
3. Output Left: Take your left signal output (post loop) to external equipment here.
4. Output Right: Take your right signal output (post loop) to external equipment here.
5. Aux Input: Connect Auxiliary input signal from your MP3 player or other device using 3.5mm jack cable here.
6. Headphones: Connect your headphones using this 3.5mm output (the headphone volume is controlled by the Master volume control on the amplifier front panel).
7. Stereo Loop Return L: Return your left effect chain signal here.
8. Stereo Loop Return R: Return your right effect chain signal here.
9. Balance Control: Use this control to balance the level of Left/Right signal in the power amp.
10. Stereo Loop Send L: Send your left effect chain signal out from here.
11. Stereo Loop Send R: Send your right effect chain signal out from here.
12. DI Volume: Adjust the output level of the DI Signal here.

13. Cycle: Use this button to switch between cabinet impedance options.
14. Pre-Send: Take your signal from before the EQ stage here.
15. Pre-Return: Return your signal before the EQ stage here.
16. Ground Lift: Use this switch to lift ground on the Di output signal here.
17. Pre/Post Select: Select where the DI output signal is taken from here.
18. DI Out: Take XLR DI output signal from here.
19. Tuner Out: Take your signal for your tuner here.
20. Stomp: Connect optional Stompware Eden footpedal here to use footswitchable features on the amplifier.
21. X Over: Turn crossover circuit off or on using this switch.
22. X Over Control: Use this control to adjust the crossover point between the Left/Right line level outputs.

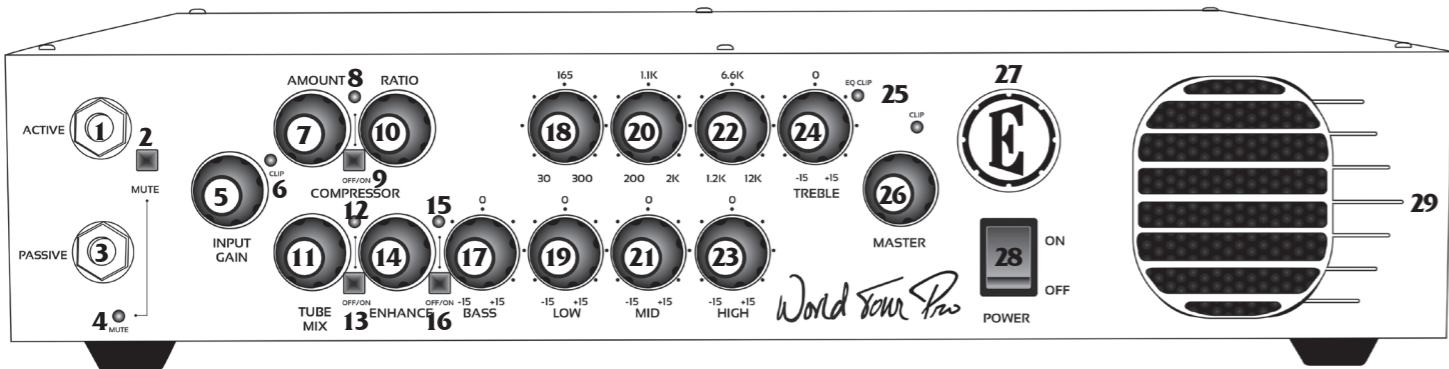
World Tour Pro Preamp Rear Panel Features.

1. Output Left: Take your left signal output (post loop) to external equipment here.
2. Output Right: Take your right signal output (post loop) to external equipment here.
3. Aux Input: Connect Auxiliary input signal from your MP3 player or other device using 3.5mm jack cable here.
4. Headphones: Connect your headphones using this 3.5mm input (the headphone volume is controlled by the Master Volume control on the amplifier front panel).
5. Stereo Loop Return L: Return your left effect chain signal here.
6. Stereo Loop Return R: Return your right effect chain signal here.
7. Balance Control: Use this control to balance the output of the Left/Right line level outputs.
8. Stereo Loop Send L: Send your left effect chain signal out from here.
9. Stereo Loop Send R: Send your right effect chain signal out from here.
10. DI Volume: Adjust the output level of the DI Signal here.
11. Pre-Send: Take your signal from before the EQ stage here.
12. Pre-Return: Return your signal before the EQ stage here.
13. Ground Lift: Use this switch to lift ground on the DI output signal here.
14. Pre/Post select: Select where the DI output signal is taken from here.
15. DI Out: Take XLR DI output signal from here.
16. Tuner Out: Take your signal for your tuner here.
17. Stomp: Connect optional Stompware Eden footpedal here to use footswitchable features on the amplifier.
18. X Over: Turn crossover circuit off or on using this switch.
19. X Over Control: Use this control to adjust the crossover point between the Left/Right line level outputs (Bi-Amp mode only).

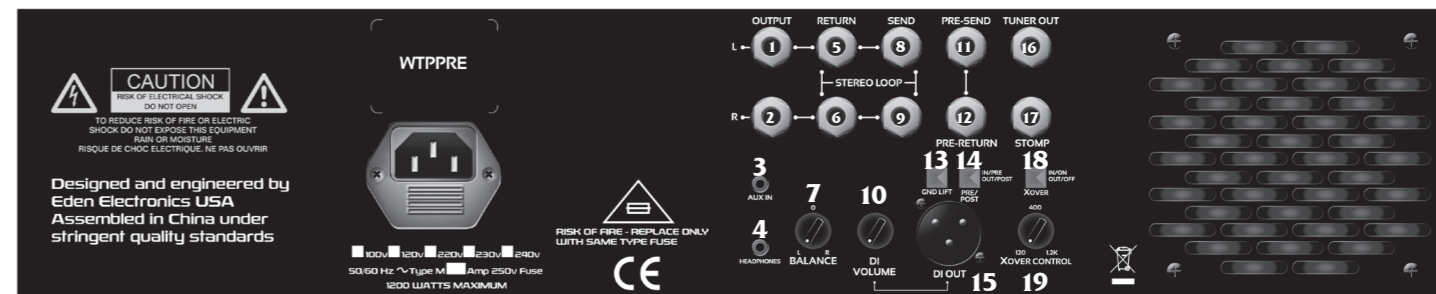
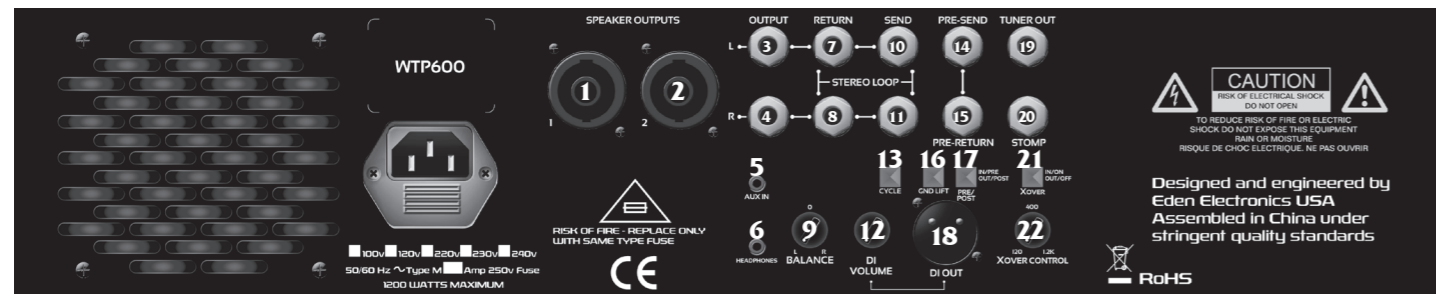
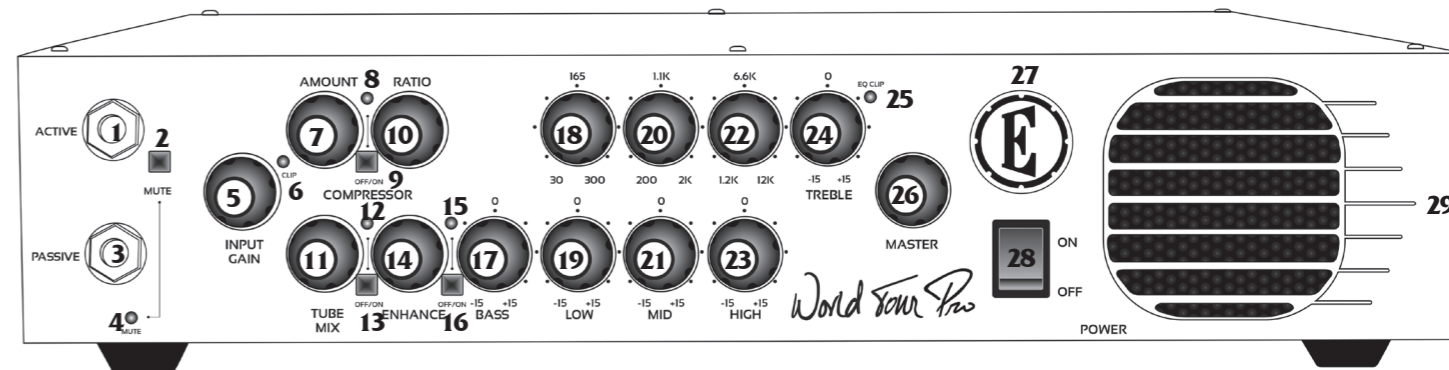
WTP900 FRONT PANEL NAVIGATION



WTP600 FRONT PANEL NAVIGATION



WTPre FRONT PANEL NAVIGATION





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