

- Adapter jack / cable shoe (female)

Allow you to connect attenuator output to speaker



Plug&Play Amplification ®
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57 rue du Moulinet
59310 COUTICHES
FRANCE

European union safety compliant product **CE**
2 years Warranty

Do not bin, recyclable product



POWER ATTENUATOR 15
POWER ATTENUATOR 22

User manual

Thank you for buying a P&P Amplification product.

The PA15 can handle max. 15w output power

The PA22 can handle max. 22w output power

Please read this manual carefully before using.

Warning: Have a look to impedance! Your amp, your speaker and your Power Attenuator must have the same impedance. You can really damage your equipment if impedance isn't equal!

Don't switch on you amp if no speaker is plugged in: it can damage your output transformer!

Power Attenuator can be warm if in use, it's normal.

However, if the chassis temperature has grown so that you can't catch it, something goes wrong!

Instantly, switch off your amp and check your equipment by faults!

NO WARRANTY from P&P AMPLIFICATION and NO RIGHT OF RECOURSE by improper operations!

Product description :



- 1 : Input
- 2 : Output
- 3 : 6 position rotary switch

Technical specifications:

Power attenuator π T-Bridge type

6 position rotary switch : OFF (True Bypass) and from -6 to -18dB (-12 to -21dB for 22w model)

Fits all 15w max tube amplifier (22w for 22w model)

All components are Rohs compliant.

User guide:

1. Check, that impedance from Attenuator, amp and speaker is the same
2. Verify that amp power is not too high for the power attenuator
3. Plug speaker cable (or adapter) from amp (speaker output) to Power Attenuator Input
4. Plug in a second speaker cable (or adapter) from speaker to Power Attenuator Output
5. Switch on the amp. Adjust attenuation with the 6 position rotary switch.

Please only use speaker cables, and not instrument cables. You'll find what you need on P&P Shop.

Attenuation board :

Remaining power	- 3dB	- 6dB	- 9dB	- 12dB	- 15dB	-18dB	-21dB
Amp 15w	7,50w	3,75w	1,88w	0,94w	0,47w	0,23w	0,12w
Amp 10w	5,00w	2,50w	1,25w	0,63w	0,31w	0,16w	0,08w
Amp 5w	2,50w	1,25w	0,63w	0,31w	0,16w	0,08w	0,04w

For example : a vox AC15 (15w) will develop 0.47w on the -15dB position.

Options :

- Adapter jack / cable shoe (male)

Allow you to connect your attenuator to original cable shoe (those which are plug on your speaker)

