

Basic Performer

Operating Instructions –preliminary–



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1. Introduction

Welcome to AER. Thank you for purchasing the BASIC PERFORMER.

The BASIC PERFORMER with its specially designed construction and its 4 x 60 watt power it is an ideal tool for acoustic and electric bass-amplification. More than that, it suits very well for all instruments with strength in the low register, e.g.: cello, harp etc. Apart from its two channels with three-band tone-control and mute-switch it offers a compressor and a notch filter.

To obtain maximum enjoyment from your amplifier, please read this manual carefully before using your BASIC PERFORMER.

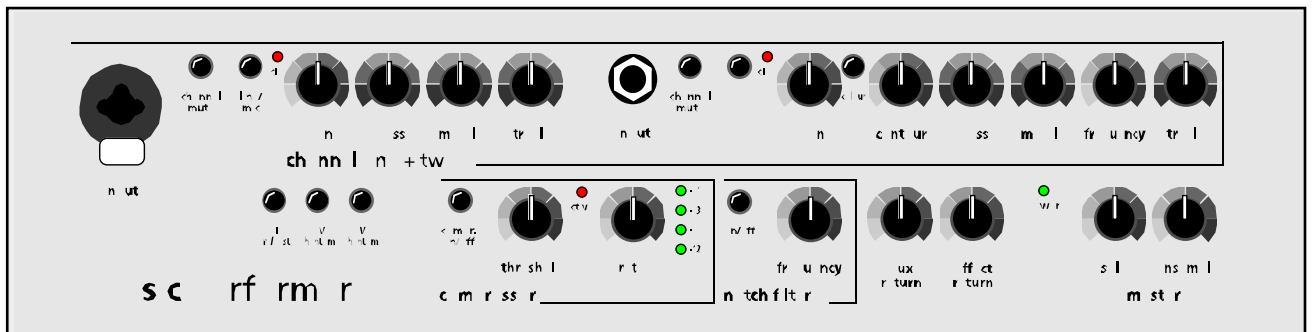
2. Precautionary Measures

When you use your BASIC PERFORMER, always take basic safety precautions to reduce to a minimum the risk of injury by fire or by electric shock.

- Read all the directions in these operating instructions and make sure that you understand them.
- Pay attention to all warnings, instructions and supplementary text written on the BASIC PERFORMER.
- Always use a grounded mains connection with the appropriate supply voltage. If you are uncertain whether the connection is grounded, have a qualified expert check it.
- Do not let your BASIC PERFORMER come into contact with water and never touch the amplifier if you have wet hands.
- Always operate your BASIC PERFORMER in a place where no one can trip over the cables causing injury to themselves or damage to the cables.
- Do not operate your BASIC PERFORMER near devices with strong electromagnetic fields such as large mains transformers, generators, neon lights etc. Do not lay the signal cable parallel to power lines.
- Do insure that your BASIC PERFORMER is switched off before plugging in the power cable to the mains.
- Before cleaning your BASIC PERFORMER, unplug it from the mains supply. Use a damp cloth to clean it. Do not use cleaning agents, and be careful that no liquid finds its way into the amp.
- There are no parts within your BASIC PERFORMER that can be serviced by the user. Refer all repairs and servicing to an agent authorised by AER. Any unauthorised repair or servicing will void the two year warranty!
- Keep these operating instructions in a safe place.

3. Operating Elements

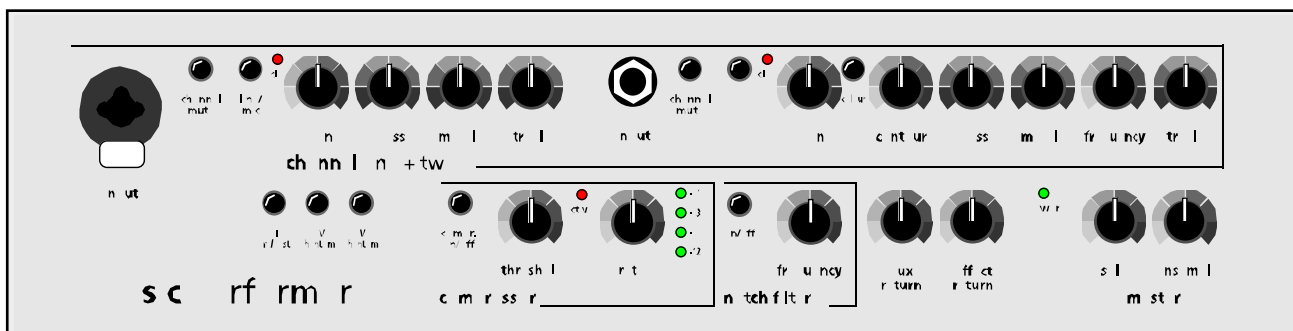
Front (seen from above, from left to right):



Channels 1 + 2:

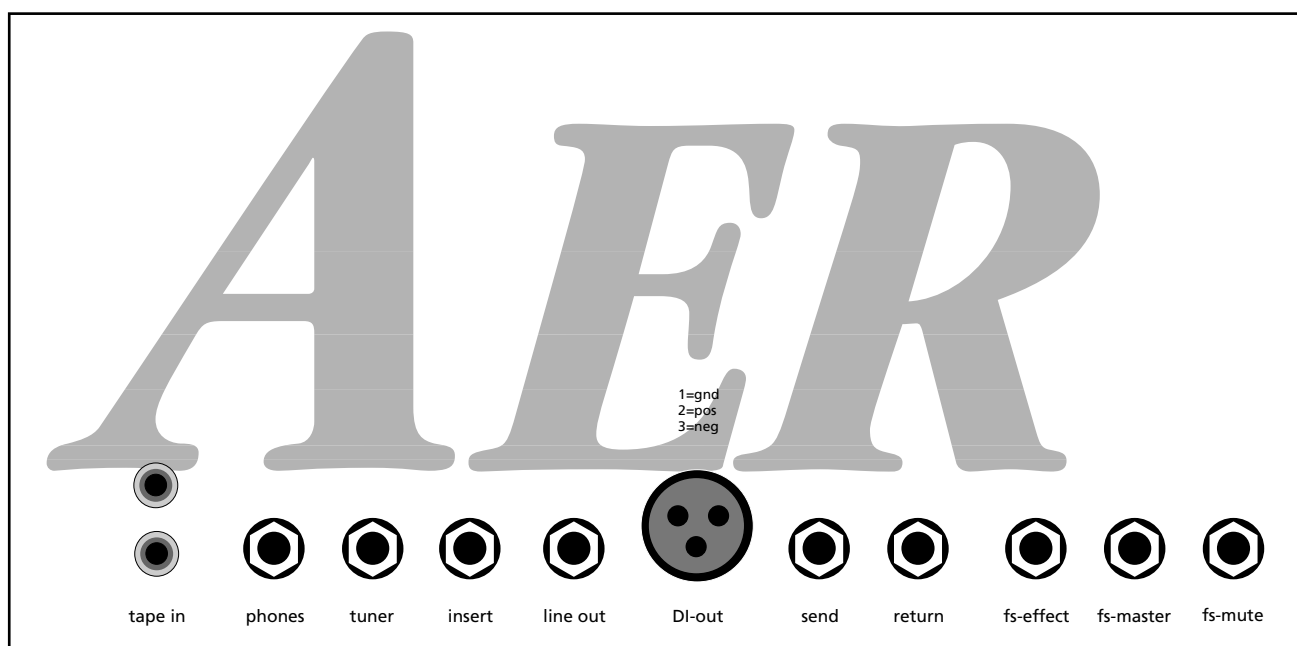
Input	XLR-combination-socket with a socket for a 6.3 mm jack-plug and an XLR-mle-socket	Channel Mute	switch to mute the channel
Channel Mute	switch to mute the channel	Pad	damp-switch
Line/Mic	switch to adjust input sensitivity	Clip	overload indicator
Line:	sources with line level, instruments with active preamplifiers and magnetic sound pick-ups	Gain	input level control
Mic:	symmetrical microphone input with 24 V phantom power	Colour	mid-range contour filter, switchable
Clip	overload indicator	Contour	control for mixing-in internally generated harmonics
Gain	input level control	Bass	tone control for bass
Bass	tone control for bass	Middle	tone control for mid-range
Middle	tone control for mid-range	Frequency	mid-range frequency selection
Treble	tone control for treble	Treble	tone control for treble
Input	socket for a 6.3 mm jack plug		

Front, bottom (from left to right):



DI Pre/Post	DI-switch pre/post EQ	Notch Filter:	
24V Phantom	24 volt-phantom-power on/off	on/off	notch filter on/off
9V Phantom	9 volt-phantom-power on/off	Frequency	level-control for the frequency-selection
Compressor:		Aux Return	level-control for aux return
Compr. on/off	switches compressor on/off	Effect Return	level-control for effect return
Threshold	control for the operational level	Power	power indicator lamp
Active	compressor operational	Master:	
Ratio	control for the compression-ratio	Solo	level-control for the overall volume, solo-setting
±1dB	indicates the reduction of amplification in dB	Ensemble	level-control for the overall volume, ensemble-setting
±3dB	indicates the reduction of amplification in dB		
±6dB	indicates the reduction of amplification in dB		
±12dB	indicates the reduction of amplification in dB		

Rear:



Tape In stereo input for CD and tape
Phones headphone output, stereo
Tuner output for a tuner
Insert insert-point, Tip = Send,
 Ring = Return
Line Out line-output
DI Out XLR-output pre-master
Send output for an external effect
 device
Return input for an external effect
 device or other signal, for
 example CD-player

FS-Effect footswitch effect on/off
FS-Master socket for a stereo footswitch,
 master-selection solo/ensemble
FS-Mute socket for a stereo footswitch
 to mute the channels
Voltage Select voltage selection switch
Power power supply with line-socket
 and fuse-holder

4. Summary of Operations

• Connecting and starting-up

Check to ensure that the mains voltage at your location corresponds to what is permitted for operating the BASIC PERFORMER. You will find the necessary information on the rear side under "Dest." (country of destination) and "AC-voltage". Before switching the amp on, the "Master" and "Return" controls should be turned to the zero position (as far left as they will go) and all other controls to middle position. Then make all necessary cable connections (mains, instrument and/or microphone). Now you can switch on your BASIC PERFORMER with the power switch on the rear of the amp. The green power indicator shows that the amp is operational.

• Level control

You can use the "Line/Mic"-switch, the "Pad"-switch and the "Gain"-control to adjust the various pickup systems and signal sources to the BASIC PERFORMER. The "Clip"-indicator shows that the input signal is too high. You should then reduce the "Gain"-control or the "Volume"-control on your signal source to ensure distortion-free reproduction. You can now set the desired overall volume with the "Master"-controls. If you connect a footswitch with the "FS-Master"-socket on the rear of the BASIC PERFORMER, you can change between "Solo"- and "Ensemble"-master while you are playing. With the "Channel Mute"-switches you can mute each channel separately if necessary.

• Notch filter

A notch filter subjects frequencies of a certain frequency-band (in this case between 30 and 400 Hz) to severe reduction (- 14 dB) in a very narrow band (quality 2). This helps to reduce feedback and other annoying resonances. The special properties of the notch filter can also be used to modify the sound.

• Compressor

All our amplifiers are dynamically controlled. The supplementary compressor can only be switched off completely or switched to one channel. In addition to its function as a dedicated bass effect-device, it can be used to compensate differences in dynamic range between various signal-sources or to give dynamic support to the voice.

5. Technical Data

Inputs:	Ch 1: Line: unbalanced, 1 MEG Mic: balanced, 600 Ohm Ch 2: Line: unbalanced, 1 MEG Mic: balanced, 600 Ohm Eff.Return: -10dBV/10k Tape-In: -10dBV/10k	Analog Signal Processor:	Limiter, Subsonic Filter und Enhancer
Outputs:	Tuner: -10dBV Line: 0dBV DI: -20dBV Send: -10dBV Phones: stereo, 300 mV / 32 Ohm	Power Amp:	Powerconsumption: 220-240 V / 50-60Hz / 300 VA (110V / 50-60Hz) Rating: 200 Watt / 4 ohm rms Mains Fuse: 3.1 A slow
Footswitch Effect	External effect = Tip, ground = Sleeve	Speaker:	4 x 8' twin-cone speaker system (98 dB 1w/1m, freq. range 60 Hz - 18 kHz)
Footswitch Mute:	Ch 1 = Tip, Ch 2 = Ring	Cabinet:	0.59' 3(15 mm) birch plywood
Footswitch Master:	Solo = Tip, Ensemble = Ring	Dimension:	20.87' (530 mm) high 14.17' (360 mm) wide 15.75' (400 mm) deep
EQ:	Channel 1: Bass: ± 18 dB/ 100 Hz Middle: ± 13 dB/ 550 Hz Treble: ± 11 dB/ 10 kHz Channel 2: Bass: ± 10 dB/ 80 Hz Middle: ± 10 dB/ 200 Hz - 1kHz Treble: ± 10 dB/ 10 kHz Colour: - 3 dBV/ 700 Hz and + 10 dBV/ 10kHz	Finish:	waterbased acrylic, black spatter finish
		Weight:	50.72 (23 kg)
			0dBV ~ 1V Specifications and appearance subject to change without notice