29X: Noise Gate Threshold Level
This control activates an onboard Noise Gate to suppress any excess noise generated in Channel 2 when Gain Boost is activated.
It engages when you twist the knob clockwise to around the 3 position.
Knob settings from 3 to 10 set the threshold (or noise level) at which this gate triggers to suppress noise.
The further you twist the knob towards 10, the higher the noise level will be at which the gate triggers. When the knob is set to 10, the Noise Gate responds to extremely high noise levels, meaning that there's not much of a margin between the guitar signal and background noise.
Info: The threshold bottoms out when the knob is set slightly to the left of the 2 position. To deactivate the gate, twist the knob to the far left or 0 position.
Tip: The Noise Gate on Retro Tube heads can be remote-controlled via footswitch; the Noise Gate on the Retro Tube 50 Combo cannot.
To learn more about this and get more details on the Noise Gate, see pages 15 and 16 in the OM.

22X Footswitch: FX Loop, Reverb
Use this jack to connect a conventional footswitch with two switching functions, for example, the ENGL Z-4 (2 x off/on - Single Pole Single Throw or SPST for short). This type of footswitch lets you access Main FX Loop on/off and Reverb on/off. One of the two switches enables or bypasses Main FX Loop, while the other switches the reverb unit on and off.
Note also: A footswitch may be equipped with LEDs indicating the given switching status. Each of the two switches is provided with approx. 10 milliamperes current, which suffices to power a standard LED. The jack's mono terminal controls Main FX Loop on/off, while the stereo terminal controls Reverb on/off (for pin assignments, see page 22-OM; at the Combo Amp terminal "R" controls Reverb off <-> on via jack 22X).

37X, 38X Poweramp Output, 8 Ohms Parallel
8 ohms speaker output jacks, internal connected parallel; the internal 8 ohms speaker (combo: 1x12", 8 ohms) is connected
to one of this two jacks. The impedance of an additional cabinet should bear 8 ohms (for the Retro Tube Combo amp).
Speaker and cabinet options (combination of the internal speaker and an external cabinet) for the Retro Tube Combo amp only:
1. Internal speaker (1x12", 8 ohms) only, connected to an 8-ohm jack (without an external speaker cabinet!);
   Summary: No external cab; internal 8 Z -> internal to 8-ohm output.
2. An external 8-ohm cabinet and the internal speaker (1x12", 8 ohms) connected to the 4-ohm jacks. When you unplug the cable for the external cabinet, ensure you plug the internal speaker back into a 8-ohm jack!
   Summary: External 8 Z + internal 8 Z ->
   external to 4-ohm + internal to 4-ohm output.
3. An external 16-ohm cabinet connected to one of the 8-ohm jacks and the internal speaker (1x12", 8 ohms) connected to one of the 4-ohm jacks. When you unplug the cable for the external cabinet, ensure you plug the internal speaker back into one of the 8-ohm jacks!
   Summary: External 16 Z + internal 8 Z ->
   external to 8-ohm + internal to 4-ohm output.

For diverse cabinet options without the internal speaker see page 16-OM!

Technical Data
Page 21 of the OM for the E762 50-watt head also applies to the E768 Combo:
Apart from:
Dimensions: approx. 57 x 44 (48) x 30 cm (l x h x d); approx. 22.4" x 17.36" (18.9") x 11.8" (l x h x d);
Weight: approx. 25 kg; approx. 55.1 lbs;

Configuration table for assigning the Retro Tube Amp's sound-shaping and special functions to the Z-9 Custom Footswitch's Functions 1 and 2 (page 21-OM):
Apart from controlling the reverb system via the Z-9 footboard:

Button	amps's Functions	Setup	Indication	S.A.C.
Function 1	Reverb off / on	1: Channel 4	LED 4 lights	F1-4
Function 2	Reverb off / on	2: Channel 4	LED 4 lights	F2-4