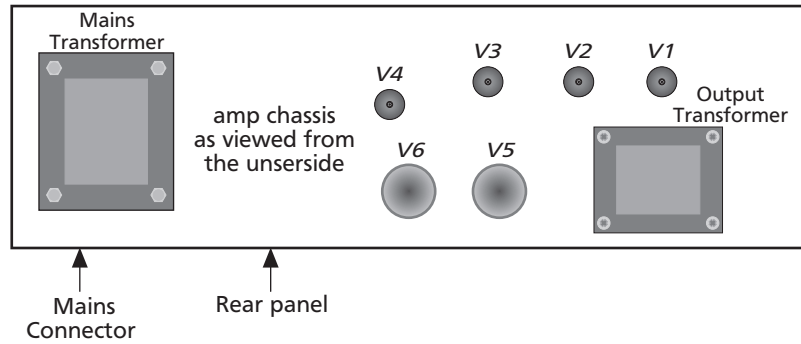


## Tube Map:



### the tubes and their function:

- V1 - ECC83 (12AX7): input stage, 2. gain stage; grade: FQ selected
- V2 - ECC83 (12AX7): Channel 2 driver stage, 4. stage; grade: selected
- V3 - ECC83 (12AX7): FX buffer stage, poweramp driver stage; grade: selected
- V4 - ECC83(12AX7): phase splitter; grade: standard
- V5, V6: EL34: power tubes, poweramp, matches set

### Tube replacement report:

1. Replaced on: \_\_\_\_\_ 20 \_\_\_\_ Replaced by: \_\_\_\_\_

Replaced tubes: \_\_\_\_\_

Reason: \_\_\_\_\_

2. Replaced on: \_\_\_\_\_ 20 \_\_\_\_ Replaced by: \_\_\_\_\_

Replaced tubes: \_\_\_\_\_

Reason: \_\_\_\_\_

3. Replaced on: \_\_\_\_\_ 20 \_\_\_\_ Replaced by: \_\_\_\_\_

Replaced tubes: \_\_\_\_\_

Reason: \_\_\_\_\_



ENGL Gerätebau GmbH  
Germany

Internet: <http://www.engl-amps.com>

Text, design, graphics and layout by  
Horst Langer, ENGL Amp Designer

## Supplement to the Retro Tube Series Manual for the Retro Tube Combo Type E768

**Tip:** The abbreviation "OM" next to a page number in the descriptions below refers to the corresponding page in the Retro Tube Series operating manual.

### Contents:

(This is a departure from the information given in the Retro Tube Series operating manual.)

1. ENGL Retro Tube Amp Combo type E768 - 50 watts;
2. mains cord;
3. this manual and this brochure for the Combo Amp;
4. a pamphlet entitled Instructions for the Prevention of Fire, Electrical Shock and Injury.

### Noise Gate and Reverb:

(This is a departure from the information given in the Retro Tube Series operating manual.)

A footswitch connected to port 22X or the ENGL Z-9 Custom Footswitch connected to port 21 can be used to switch on and off the Retro Tube Combo's reverb system rather than the Noise Gate. You will find a description of the two reverb controls and details on handling the reverb system in this supplement.

### Front Panel Features

(This is a departure from the information given in the Retro Tube Series operating manual.)

#### Rev-CH1: Reverb (Channel 1)

Reverb intensity knob. Twist it to adjust the amount of reverb for Channel 1. Turn the Reverb control knob clockwise to increase the effect's intensity.

The signal remains completely dry when the knob is set to the position "0" or if Reverb is deactivated via a footswitch.

You can switch the reverb unit on and off using a Z-9 Custom Footswitch connected to the S.A.C. Port (21) or a footswitch connected to jack (22X). The reverb unit is always on if you do not plug a footswitch into the port (21) or jack (22X).

#### Rev-CH2: Reverb (Channel 2)

Reverb intensity knob. Twist it to adjust the amount of reverb for Channel 2. Turn the Reverb control knob clockwise to increase the effect's intensity.

The signal remains completely dry when the knob is set to the position "0" or if Reverb is deactivated via a footswitch.

You can switch the reverb unit on and off using a Z-9 Custom Footswitch connected to the S.A.C. Port (21) or a footswitch connected to jack (22X). The reverb unit is always on if you do not plug a footswitch into the port (21) or jack (22X).

#### 16X Master A

Master A volume knob. Located post effect loop, it controls power amp output.

The red LED to the right of the knob lights up to indicate Master A is enabled and determining the master level.

You can switch between Master A and Master B using a Z-9 Custom Footswitch (S.A.C. F1-1, page 23-OM) connected to the S.A.C. Port (21) or a footswitch connected to jack (23).

For more details and practical hints refer to page 10-OM!

#### 27X Master B

Master B volume knob. Located post effect loop, it controls power amp output.

The green LED to the right of the knob lights up to indicate Master B is enabled and determining the master level.

You can switch between Master A and Master B using a Z-9 Custom Footswitch (S.A.C. F1-1, page 23-OM) connected to the S.A.C. Port (21) or a footswitch connected to jack (23). The Master B control pot is located on the front panel of the Combo amp.

For more details and practical hints refer to page 10-OM!