

# CLUB FORTY

Owner's Manual



**Olsson**  
GUITAR TUBE AMPLIFIERS

Olsson Amplifiers 2014 - [www.olssonamps.se](http://www.olssonamps.se)

## Important Safety Instructions



This symbol warns the user of dangerous voltage levels localized within the enclosure.



This symbol advises the user to read all accompanying literature for safe operation of the unit.

- Read this manual carefully before switching on your amplifier. Heed all warnings.
- Only connect the power supply cord to an earth grounded AC receptacle in accordance with the voltage and frequency ratings listed under VOLTAGE on the rear panel of this product.
- Vacuum tube amplifiers generate heat. Maintain at least 25 cm of unobstructed air space behind the unit to allow for proper ventilation and cooling of the unit. Keep away from curtains or any flammable objects.
- **WARNING:** To prevent damage, fire or shock hazard, do not expose this unit to rain or moisture.
- Unplug the power supply cord before cleaning the unit exterior (use a damp cloth only). Wait until the unit is completely dry before reconnecting to power.
- Never touch a hot vacuum tube.
- This product should be located away from heat sources such as radiators, heat registers, or other products that produce heat.
- Protect the power supply cord from being pinched or abraded.
- Never operate the amplifier without a connected speaker or load since this can cause severe damage to the amplifier.
- The power supply cord of this product should be unplugged from the outlet when left unused for a long period of time, or during electrical storms.
- This product should be serviced by qualified service personnel when: the power supply cord or the plug has been damaged; or objects have fallen; or liquid has been spilled onto the product; or the product has been exposed to rain; or the product does not appear to operate normally or exhibits a marked change in performance; or the product has been dropped, or the enclosure damaged.
- Do not drip or splash liquids, nor place liquid filled containers on the unit.
- **CAUTION:** No user serviceable parts inside, refer servicing to qualified personnel only.
- Olsson amplifier and loudspeaker systems are capable of producing very high sound pressure levels which may cause temporary or permanent hearing damage. Use care when setting and adjusting volume levels during use.

## SVENSKA

### Viktiga säkerhetsinstruktioner



Den här symbolen varnar användaren för farliga spänningar inuti apparaten.



Den här symbolen uppmanar användaren att läsa all säkerhetsinformation som levererats med apparaten.

- Läs denna handbok noggrant innan du slår på förstärkaren. Följ alla varningsanvisningar.
- Apparaten måste anslutas till jordat nätuttag med den spänning och frekvens som anges vid VOLTAGE på baksidan av produkten.
- Rörförstärkare avger värme. Se till att det finns minst 25 cm fritt utrymme bakom förstärkaren, detta för att säkerställa en ordentlig ventilation och kylning av enheten. Håll apparaten borta från gardiner och annat brandfarligt material.
- **WARNING:** För att undvika skada, eldsvåda eller elektrisk chock, utsätt inte apparaten för regn eller fukt.
- Dra ur nätsladden från vägguttaget innan du rengör utsidan av apparaten (använd endast en fuktig trasa). Vänta sedan till apparaten torkat helt innan du ansluter nätsladden igen.
- Ta aldrig på ett varmt elektronrör.
- Produkten skall hållas på ordentligt avstånd från värmekällor såsom radiatorer, varmluftsutblås eller andra apparater som alstrar värme.
- Skydda nätsladden från att bli klämd eller skadad.
- Använd aldrig förstärkaren utan ansluten högtalare eller motsvarande last då detta kan orsaka allvarlig skada på förstärkaren.
- Nätsladden skall dras ur nätuttaget när förstärkaren inte kommer att användas under en lång tid eller vid åskväder.
- Denna produkt skall ses över av kvalificerad servicepersonal när: nätsladden eller nätkontakten har skadats; eller om föremål har ramlat över den; eller om vätska har spillts över produkten; eller om produkten utsatts för regn; eller om produkten inte verkar fungera normalt eller att prestandan skiljer sig från det normala; eller om produkten tappats eller om höljet skadats.
- Droppa eller stänk inte vätska på apparaten. Ställ heller inga föremål som innehåller vatten på den.
- **VARSAMHET:** Inga delar inuti apparaten kan repareras av användaren, anlita kvalificerad servicepersonal.
- Förstärkare och högtalarsystem från Olsson Amps kan producera höga ljudnivåer som kan orsaka temporära eller permanenta hörselskador. Var försiktig vid inställning och justering av ljudvolymen.

## **Club Forty Amp**

Club Forty is an all-tube hand-wired amp built to meet all modern requirements.

The amp has dual channels and is designed to be loved by both single coil and humbucker players. The two channels have different voicing and can be mixed together with the volume controls. Due to the well balanced tone, you don't need anything but a tone control to tune in the sound you like. It's an awesome tone machine with a warm and rich tone. The lower settings of the volume control result in harmonically rich, clean tones, when cranked, the amp will inspire you with fat, compressed, distorted tones. It also records easily thanks to the natural compression. All components used are carefully selected and of highest quality for best sound experience.

Thank you for buying this amp. We are confident that you will be satisfied with your choice!

Enjoy!

### **Features include:**

- Hand-wired all tube circuitry on turret board.
- Old school circuit for sweet warm tone produces around 40 Watts with 6L6GC and 35W when using EL34.
- Two mixable channels with individual volume controls.
- Well balanced spring reverb with Dwell and Reverb control
- The amp is prepared for use of a tube rectifier.
- Finger joined solid pine cabinet resonates with a warm tone.
- Foot pedal included

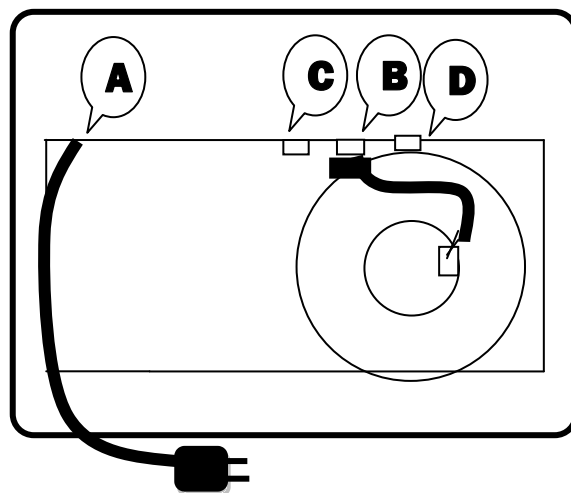
## Getting started

1. Connect the amplifier to a grounded A/C outlet in accordance with the voltage and frequency ratings specified for your amplifier.
2. Make sure that a speaker is connected to the speaker jack. Never operate the amplifier without a speaker connected. Make sure the impedance matching is correct. This amp is designed for a 2, 4 or 8 ohms load depending on impedance switch setting.
3. Make sure the "Standby" switch is OFF
4. Set the "Power" switch to position ON.
5. Wait for at least 60 seconds to allow the filaments to heat up.
6. Make sure that the volume controls are set to 1.
7. Switch the "Standby" switch to ON.

The amplifier is now ready for use.  
Connect your instrument to the INPUT jack.

## Rear panel

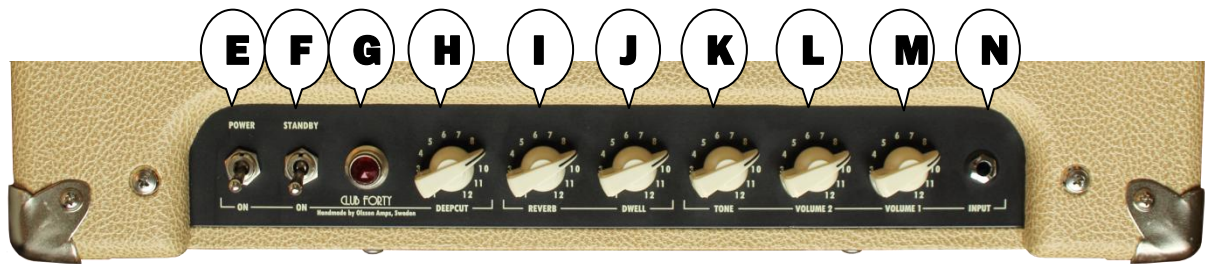
- A. ELECTRIC LINE CORD, MAIN FUSE** – Connect to a grounded A/C outlet in accordance with the voltage and frequency ratings specified for your amplifier. The main fuse is an integrated part of the power jack. **Replace only with T1.6A (1.6A slow blow) fuse.**
- B. INTERNAL SPEAKER JACK 1,2**– Plug-in connectors for the internal speaker. **A speaker must always be connected to this jack when the amplifier is turned ON.** A speaker impedance load of 2, 4 or 8Ω (depending on impedance switch setting) should be used to avoid damage to the amplifier.
- C. OUTPUT IMPEDANCE SWITCH** – With this switch you can select the output impedance to match the connected speaker(s) impedance.  
Club Forty 1x12" amp –select 8ohm for the internal speaker  
External 1x12" Olsson Club 40 speaker cabinet together with the internal speaker - select 4ohm
- D. FOOTSWITCH JACK** – Connect the footswitch to this jack.



## VACUUM TUBES

Replace tubes only with the same type and ratings as specified.  
Be sure to use matched power tubes, 6L6GC or EL34. You **must** adjust the BIAS when replacing power tubes. Only let authorized service personal change and adjust the amp for you.

## Control panel




- E. POWER SWITCH** – Turns the amplifier on-off as indicated by the jewel unit.
- F. STANDBY** – When the amplifier is on, Standby will mute all audio output from the amplifier.  
*Use Standby during short breaks to avoid the tube warm up delay.*  
*Select Standby for the first 60 seconds when switching the amplifier ON to extend tube life.*
- G. JEWEL UNIT** – Indicating power on
- H. DEEP CUT** – Decreases the low frequency response.
- I. REVERB** – Sets the amount of reverb mixed into the dry sound.
- J. DWELL** – Sets the input signal to the reverb tank. Higher settings will increase the decay time.  
Note that to high setting can make the reverb signal to be distorted.
- K. TONE** – Adjusts the tone characteristics of the amplifier.
- L. VOLUME 2**– Adjusts the volume of channel 2. Channel 2 is a bit brighter then channel 1.
- M. VOLUME 1** – Adjusts the volume of channel 1.
- N. INSTRUMENT INPUT** – Input jack for your guitar.

## Specifications

Type:	CL40
Pre amp tubes:	3 x ECC83/12AX7, 1 x 12AT7
Power amp tubes:	2 x 6L6GC or 2 x EL34
Rectifier tube:	1 x GZ34 can be used instead of the standard diode adapter. You <b>must</b> adjust the BIAS when changing between diode and rectifier tube, or vice versa.
Input impedance:	1M $\Omega$
Output power:	40/35W with 6L6GC/EL34
Output impedance:	2, 4 or 8 ohm
Power requirement:	150 Watt
Speaker:	Celestion Creamback 65W
Dimensions (W*D*H):	267(l)x510(w)x435(h)
Weight:	22kg
Operating temperature:	0-35 °C

Product specifications are subject to change without notice



EUROPE ONLY  - **NOTE:** This equipment has been tested and found to comply with the requirements of the EMC directive (Environments E1, E2 and E3 EN 55103-1/2) and the Low Voltage Directive in the E.U

## **Different power tubes and rectifier type**

We deliver the amp with 6L6GC-STR power tubes from Tube Amp Doctor for the classic 6L6 tone and maximum lifetime. 6L6 tubes give you maximum headroom and the highest output power. If you like you can use EL34 instead of 6L6GC tubes. When using EL34 the headroom and output power will decrease a bit, but if you are looking for the British type of distorted sound then EL34 will probably be your choice. We usually equip the amp with tubes from Electro Harmonix when having a EL34 request.

**Note:** When changing power tubes you must always adjust the BIAS setting inside the amp. This should be done by qualified personnel. Never open the amp by you self, there is high voltage inside the enclosure.

There is also a possibility to use a tube rectifier, instead of diode rectifier. A tube socket (the one closest to the power inlet) has been mounted for this purpose. To change to tube rectifier, just replace the adapter, mounted from the factory, with a GZ-34 rectifier. This should be done by qualified personnel and the BIAS must be adjusted at the same time.

A PRODUCT OF:  
**OLSSON AMPS**  
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