

# CLUB FIFTEEN

Owners Manual



*Olsson*  
GUITAR TUBE AMPLIFIERS

Olsson Amplifiers 2013 - [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 Fifteen Amp**

The Club Fifteen is an all-tube hand-wired amp built to meet all modern requirements. 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, perfect for jazz, rock, blues and country music. When cranked, the amp will inspire you with fat, compressed, wildly 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 17 Watts.
- Two channels with mix function.
- Deep Cut control
- Finger joined solid pine cabinet resonates with a warm tone.
- Cream tolex with gold sparkling grill cloth

## Getting started

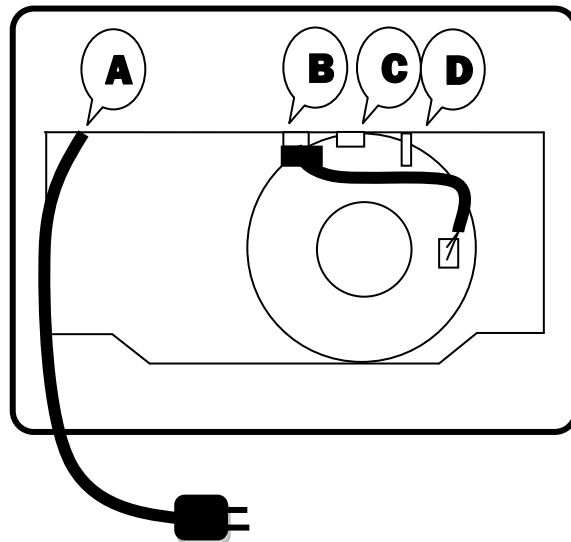
1. Connect the amplifier to a grounded A/C outlet in accordance with the voltage and frequency ratings specified for your amplifier.
2. Make sure that the internal speaker is connected to the leftmost speaker jack. Never operate the amplifier without a speaker connected. Make sure the impedance matching is correct. This amp is designed for 4 or 8Ω load. When using only the internal speaker, select 8Ω
3. Set the "Power" switch to position ON.
4. Wait for at least 60 seconds to allow the filaments to heat up.
5. Make sure that the volume controls are set to 1.
6. 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** – Connect to a grounded A/C outlet in accordance with the voltage and frequency ratings specified for your amplifier.
- B. INTERNAL SPEAKER JACK** – Plug-in connector for the 8Ω internal speaker. A speaker must always be connected to this jack when the amplifier is turned ON. A speaker impedance load of 8Ω should be used to avoid damage to the amplifier. Extra speaker should have 8Ω impedance and the impedance switch should be in the 4Ω position when used together with the internal speaker.
- C. EXTENSION SPEAKER JACK** – Plug-in connector for an external speaker. This jack is wired in parallel with the internal speaker jack. Use 8Ω minimum total.
- D. IMPEDANCE SWITCH** – Select between 4 and 8Ω total speaker load. 8Ω when the switch is towards you, looking from the rear of the amp.



### Vacuum Tubes

Replace tubes only with the same type and ratings as specified.

**This amp uses fixed bias and needs to be adjusted when changing power tubes.**

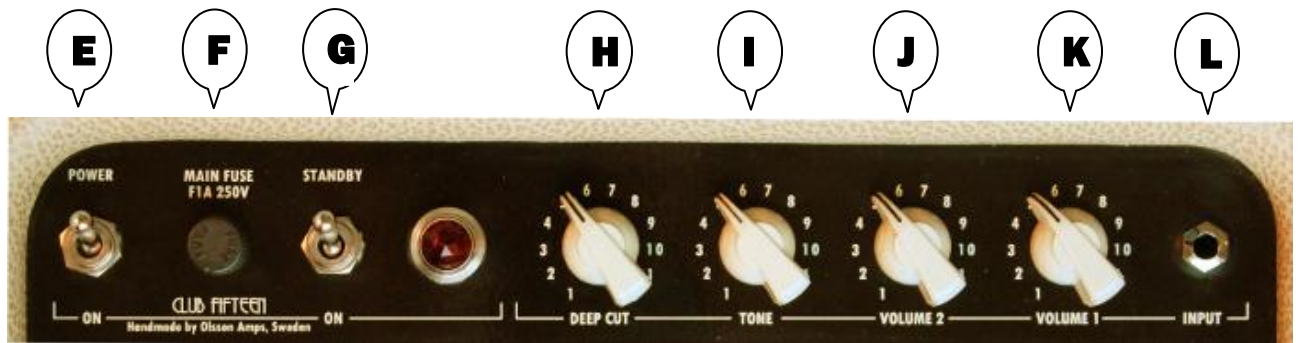
Let a qualified service engineer do this job for you. Set the bias to around 25-26mA

Tube locations from left to right at rear:

6	6	1	1
V	V	2	2
6	6	A	A
G	G	X	Y
C	C	7	7*

\*For higher gain, substitute a 12AX7 for this preamp tube.

## Control panel



- E. POWER SWITCH** – Turns the amplifier on-off as indicated by the jewel unit.
- F. MAIN FUSE** – Protects the amplifier from electrical faults. Replace fuse with same type and rating as specified on top panel.
- G. 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.*
- H. DEEP CUT** – Decreasing the lower frequencies when turned clockwise.
- I. TONE** – Adjusts the tone characteristics of the amplifier for both channels.
- J. VOLUME 2** – Adjusts the volume of channel 2. Channel 2 is the brightest channel.
- K. VOLUME 1** – Adjusts the volume of channel 1. Channel 1 is a normal channel.
- L. INSTRUMENT INPUT** – Input jack for your instrument.

## Specifications

Type:	CL15
Preamp tubes:	1 x ECC83/12AX7, 1 x 12AY7
Poweramp tubes:	2 x 6V6GT
Input impedance:	1M $\Omega$
Output power:	17 Watt into 4 or 8 $\Omega$
Output impedance:	4 or 8 $\Omega$
Power requirement:	85 Watt
Speaker:	8 $\Omega$ , 12", Celestion Century Vintage
Dimensions (W*D*H):	51x27x43 cm
Weight:	14,5 Kg
Operating temperature:	0-35 °C

*Product specifications are subject to change without notice*



EUROPE ONLY **CE** - 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



**A PRODUCT OF:  
OLSSON AMPS  
STOCKHOLM, SWEDEN**

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