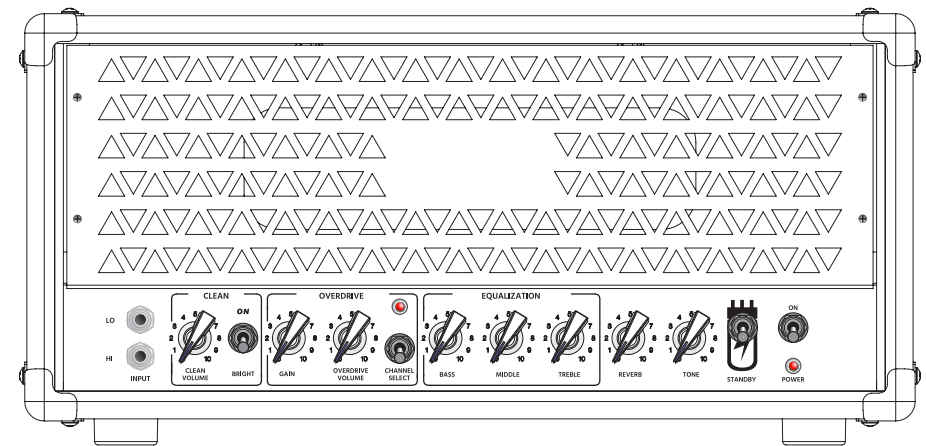


Exposure to extremely high noise levels may cause a permanent hearing loss. Individuals vary considerably in susceptibility to noise induced hearing loss, but nearly everyone will lose some hearing if exposed to sufficiently intense noise for a sufficient time. The U.S. Government's Occupational Safety & Health Administration (OSHA) has specified the following permissible Noise level exposure.

Duration per Day in hours	Sound Level dBA, slow response
8	90
6	92
4	95
3	97
2	100
1 1/2	102
1	105
1/2	110
1/4 or less	115

According to OSHA, any exposure in excess of the above permissible limits could result in some hearing loss. Ear plugs or protectors in the ear canals or over the ears must be worn when operating this amplification system in order to prevent a permanent hearing loss if exposure exceeds the limits set forth above. To ensure against potentially dangerous exposure to high sound pressure levels, it is recommended that all persons exposed to equipment capable of producing high sound pressure levels, such as this amplification system, be protected by hearing protectors while this unit is in operation.

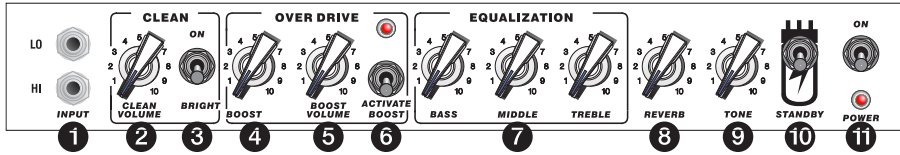
30W TUBE AMPLIFIER



30 Watt, 1x12 GUITAR COMBO TUBE AMPLIFIER

USER's MANUAL





- 1. INPUT:** Two 1/4" phone socket for instrument connection. Lo means Low Gain, This input is attenuated down approx. 50% from the Hi Input.
- 2. CLEAN VOLUME:** Sets how loud the clean channel is. Try cranking it up a little to drive the power tube harder for that real retro sound and feel that only a quality tube amplifier can deliver. Now use your guitar volume to control the amount of distortion.
- 3. BRIGHT:** Adds brightness and life to the treble frequencies of your guitar when you are on the clean channel. Adds edge and picking emphasis when on the over drive channel.
- 4. BOOST:** Sets the level of tube pre-amplifier to control how dirty the sound output is. Use in conjunction with boost volume. Good tube amplifiers have the unique ability to produce a wide range of sounds by using only your guitar controls, playing weight and style.
- 5. BOOST VOLUME:** Sets how loud the over drive channel is.
- 6. BOOST SWITCH:** Switch in to enable the 'Over Drive' Channel.(This switch must be in the disengaged position in order for the boost to be switched remotely via a foot switch.)
- 7. BASS , MIDDLE, TREBLE:** These are a set of traditional passive tone controls that have the advantage of always sounding musical at any of their settings, mainly due to their unique interactive nature. This gives players a more natural set of tools to create their deal sound. (Try them all at 5 as a good starting point).
- 8. REVERB:** Controls how much reverb is added to your sound.
- 9. TONE:** The tone control works in a similar fashion to the Tone control you probably have on your guitar except that it uniquely works at the other end of the amplification chain. This has the ability to not only control the overall top end response but also reduce upper end harmonics on the output stage and preamplifier overdrive sounds. This will give you bright cutting sounds at high settings and smooth rounded sounds at lower settings. (Midway (5) is a good starting point).
- 10. STANDBY:** Disconnects the main HT voltage from the tubes but keeps the tubes warm so that they are ready to go instantly. Switch off for short breaks when you don't want to wait for the tubes to warm up again.
- 11. POWER SWITCH:** This controls the main power of the unit. Tube amplifiers take from 30seconds to 2 minutes to warm up and be ready to play after switching on. This is normal. Use together with standby switch.

FOOT SWITCH



FOOT SWITCH: A 1/4" TS jack that allows you to remotely switch the built-in Reverb On/Off using an FS1 footswitch (not included).



FX SEND: This socket is provided for connecting an external device. The output from this socket should be connected to the external device's input. This socket can also be used as a Line Level Out. (-10dBV Nominal)

FX SEND LINE OUT



FX RETURN: Use this socket to feed the processed signal from the external device back into the amp. (-10dBV Nominal)

TAKING CARE OF YOUR TUBE AMPLIFIER

1. Your amp requires up to two minutes to warm up and be ready for use. Always allow your amp to fully warm up before use.
2. If you need to replace the output tubes, replace the entire set with tubes of the same type, preferably from the same manufacturer. Never mix tube types. This amplifier uses the popular EL84 power tubes.
3. If possible, always allow the amp to cool down 15 or so minutes before moving it.
4. Always use high quality signal and speaker leads and check them regularly. A 1/4" connector always shorts out briefly when plugged and unplugged. Therefore, you should always plug the cable into your source (guitar) first, then plug the other end into the amp. Ensure that all volume/level controls are at 0 before making or breaking connections.
5. Never store your amp in damp or overly humid conditions. These conditions are also not very helpful for speakers.
6. The tubes and tube sockets in this amp are very delicate. Take care not to subject the amplifier to large shock forces, such as from a drop or fall.



The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure, that may be of sufficient magnitude to constitute a risk of electric shock to persons.

Le symbole éclair avec point de flèche à l'intérieur d'un triangle équilatéral est utilisé pour alerter l'utilisateur de la présence à l'intérieur du coffret de "voltage dangereux" non isolé d'ampleur suffisante pour constituer un risque d'électrocution.



The exclamation point within an equilateral triangle is intended to alert the user of the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance. The point d'exclamation à l'intérieur d'un triangle équilatéral est employé pour alerter les utilisateurs de la présence d'instructions importantes pour le fonctionnement et l'entretien (service) dans le livret d'instruction accompagnant l'appareil.

CAUTION: RISK OF ELECTRICAL SHOCK - DO NOT OPEN.
AVIS: RISQUE DE CHOC ÉLECTRIQUE - NE PAS OUVRIR.

ATTENTION: TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK) NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED PERSONNEL
ATTENTION: POUR ÉVITER LES RISQUES DE CHOC ÉLECTRIQUE, NE PAS ENLEVER LE COUVERCLE. AUCUN ENTRETIEN DE PIÈCES INTÉRIEURES PAR L'USAGER. CONFIER L'ENTRETIEN AU PERSONNEL QUALIFIÉ.

WARNING: TO PREVENT ELECTRICAL SHOCK OR FIRE HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE. PLEASE REFER TO USER MANUAL FOR MORE DETAILS.

AVERTISSEMENT: POUR ÉVITER LES RISQUES D'INCENDIE OU D'ÉLECTROCUTION, N'EXPOSEZ PAS CET ARTICLE À LA PLUIE OU À L'HUMIDITÉ. SE RÉFÉRER AU MANUEL POUR PLUS DE DÉTAILS.

CAUTION: 1. the apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.

2. an apparatus shall be connected to a MAINS socket outlet with a protective earthing connection.

3. the MAINS plug is used as the disconnect device, the disconnect device shall remain readily operable.

TECHNICAL SPECIFICATIONS

RATED POWER	30 Watts
FREQUENCY RESPONSE	80 Hz to 10 kHz
TOTAL HARMONIC DISTORTION	0.5% (clean mode)
HUM AND NOISE	-75 dB below rated power
INPUT IMPEDANCE	1 Megohms
POWER CONSUMPTION	100 Watts maximum
AMPLIFIER LOAD RANGE	8-16 ohms
FEATURES	4x EL84 Power Tube 3x ECC83 / 12AX7 Preamp Tube
DIMENSION	20.0" x 9.1" x 9.7" (510 x 230 x 247 mm)
WEIGHT	17.5 lbs. (8.0kg)



In order to reduce environmental damage, at the end of its useful life, this product must not be disposed of along with normal household waste to landfill sites. It must be taken to an approved recycling center according to the recommendations of the WEEE (Waste Electrical and Electronic Equipment) directive applicable in your country.

FCC STATEMENT

The United States Federal Communications Commission (in CFR 47 Part 15.105) has specified that the following notice be brought to the attention of the users of this product:

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver
- Connect the product into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAUTION: Please note that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.