

Laney



USER MANUAL

IMPORTANT SAFETY INSTRUCTIONS

WARNING: When using electric products, basic cautions should always be followed, including the following.

1. Read all safety and operating instructions before using this product
2. All safety and operating instructions should be retained for future reference
3. Obey all cautions in the Operating instructions and on the back of the unit
4. All operating instructions should be followed
5. This product should not be used near water, i.e. a bathtub, sink, swimming pool, wet basement, etc.
6. This product should be located so that its position does not interfere with its proper ventilation. It should not be placed flat against a wall or placed in a built up enclosure that will impede the flow of cooling air.
7. This product should not be placed near a source of heat such as stove, radiator, or another heat producing amplifier.
8. Connect only to a power supply of the type marked on the unit adjacent to the power supply cord.
9. Never break off the ground pin on a power supply cord.
10. Power supply cords should always be handled carefully. Never walk or place equipment on power supply cords. Periodically check cords for cuts or signs of stress, especially at the plug and the point where the chord exits the unit.
11. The power supply cord should be unplugged when the unit is to be unused for long periods of time.
12. If this product is to be mounted in an equipment rack, rear support should be provided.
13. Metal parts can be cleaned with a damp cloth. The vinyl covering used on some units can be cleaned with a damp cloth or ammonia based household cleaner if necessary. Disconnect the unit from the power supply before cleaning.
14. Care should be taken so that objects do not fall and liquids are not spilled into the unit through any ventilation holes or openings. On no account place drinks on the unit.
15. A qualified service technician should check the unit if:
 - The power cord has been damaged
 - Anything has fallen or spilled into the unit
 - The unit does not appear to operate correctly
 - The unit has been dropped or the enclosure damaged.
16. The user should not attempt to service the equipment. All service work is done by a qualified service technician.
17. 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 and 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 ½	102
1	105
½	110
¼ 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.



Lightning Bolt Symbol:
This symbol is used to alert the user to the presence of dangerous voltages and the possible risk of electric shock.



Exclamation Mark Symbol:
This symbol is used to alert the user to make special note of important operating or maintenance instructions found in the reference manual.

SAVE THESE INSTRUCTIONS



Introduction

Congratulations on your decision to purchase a new Laney TUBE FUSION amplifier.

Laney products are designed with ease of operation as a primary objective, however to ensure you derive the best from your new amplifier, it is important you take time to read this user manual and to familiarise yourself with the control functions and facilities available

Before switching on

After unpacking your amplifier check that it is factory fitted with a three pin 'grounded' (or earthed) plug. Before plugging into the power supply ensure you are connecting to a grounded earth outlet.

If you should wish to change the factory fitted plug yourself, ensure that the wiring convention applicable to the country where the amplifier is to be used is strictly conformed to. As an example in the United Kingdom the cable colour code for connections are as follows:

EARTH OR GROUND - GREEN/YELLOW
NEUTRAL - BLUE
LIVE - BROWN

This manual has been written for easy access of information. The front and rear panels of each unit are graphically illustrated, with each control and feature numbered. For a description of the function of each control feature, simply check the number with the explanations adjacent to each panel.

Your Laney Tube Fusion amplifier has undergone a thorough two stage, pre-delivery inspection, involving actual play testing, as well as tube burn-in. Tubes are the one of the most important component in your Laney Tube Fusion amp. A tube has a life-span of approximately two years. After this approximate length of time a tube may begin to wear out, at which point it should be replaced. If you are unfamiliar with tube replacement, this is best carried out by a qualified service engineer.

When you first receive your Laney Tube Fusion amp, follow these simple procedures:

1. Ensure that the amplifier is set at the correct voltage for the country within which it is to be used.
2. Ensure that the speaker is connected to the appropriate socket.
3. Connect your instrument with a high quality shielded instrument cable. Use of cheap cables will compromise both the sound of your instrument and your amplifier.

If there is a problem with your Laney Tube Fusion...

DON'T



DO

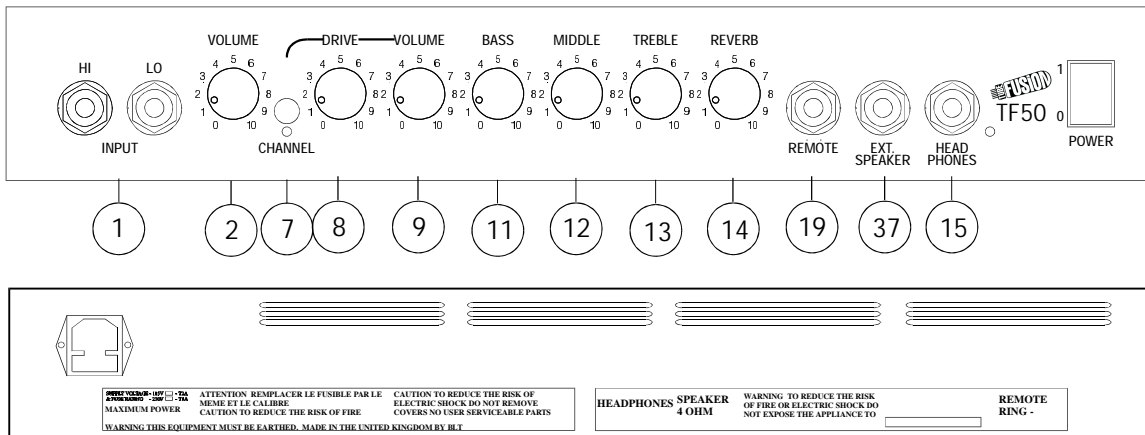


PHONE YOUR DEALER!

Care of your Laney amplifier will prolong it's life...and yours! If you follow these guidelines your equipment will give you years of playing pleasure.

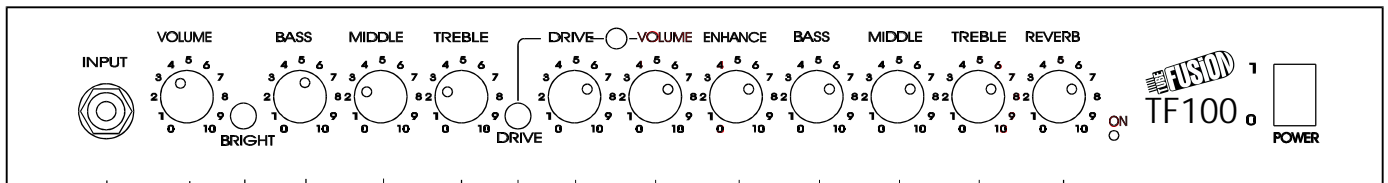


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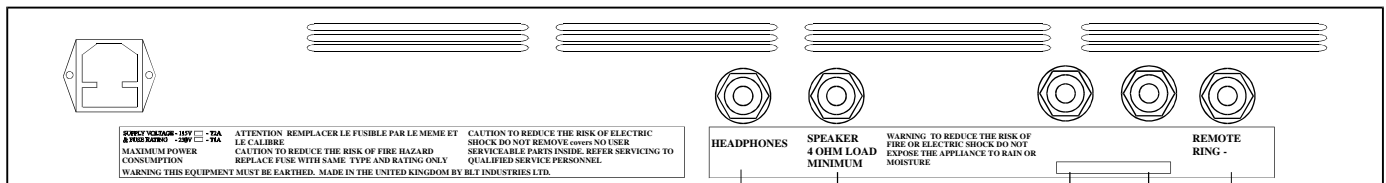


- ① INPUT: This socket should be used for connecting the instrument to the amplifier.
- ② VOLUME: Adjusts the overall volume of the CLEAN channel.
- ③ BRIGHT SWITCH: Adds brightness and sparkle to the upper frequencies of the clean and clean-drive channel.
- ④ BASS: Controls the clean channel low-frequency-EQ in the pre-amplifier.
- ⑤ MIDDLE: Controls the clean channel mid-frequency-EQ in the pre-amplifier.
- ⑥ TREBLE: Controls the clean channel high-frequency-EQ in the pre-amplifier.
- ⑦ DRIVE SWITCH: Engages the onboard DRIVE circuit. DRIVE is foot-switchable (FS2 footswitch not supplied).
- ⑧ DRIVE: This pot controls the amount of valve-drive applied to the circuit.
- ⑨ VOLUME: Sets the overall volume-level of the DRIVE channel.
- ⑩ ENHANCE: Removes the level of mid-frequencies within the signal, producing a monstrous scooped tone!
- ⑪ BASS: Controls the drive channel low-frequency-EQ in the pre-amplifier.
- ⑫ MIDDLE: Controls the drive channel mid-frequency-EQ in the pre-amplifier.
- ⑬ TREBLE: Controls the drive channel high-frequency-EQ in the pre-amplifier.
- ⑭ REVERB: Controls the level of REVERB assigned to each channel.
- ⑮ HEADPHONES: Socket provided for the connection of quality headphones (connecting headphones automatically disconnects the onboard speaker).
- ⑯ SPEAKER SOCKET: Speaker socket for connecting the onboard speaker. If you wish to use an external speaker you must first disconnect the onboard speaker from this socket and connect the external speaker in its place.
- ⑰ RETURN: Socket provided to accept the return-signal from an effects-unit, used in conjunction with FX SEND (18).
- ⑱ SEND: Socket provided to send signal to an effects-unit, used in conjunction with FX RETURN (17).
- ⑲ REMOTE: Connect an optional FS2 footswitch to allow the foot-switching of REVERB & DRIVE.

TF100



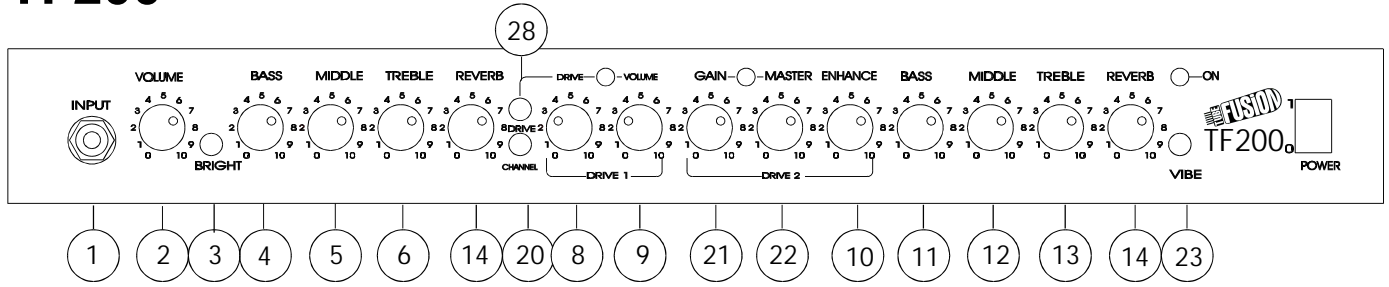
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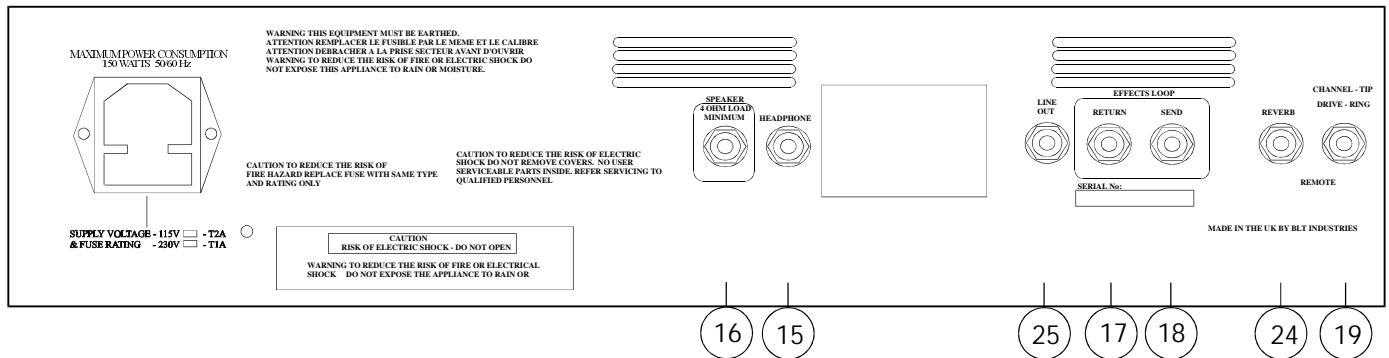
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- 1 INPUT: This socket should be used for connecting the instrument to the amplifier.
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TF200

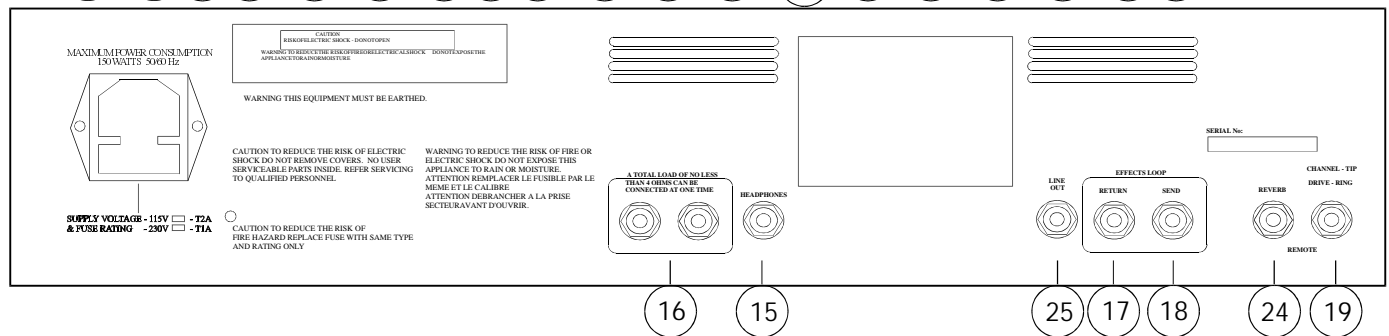
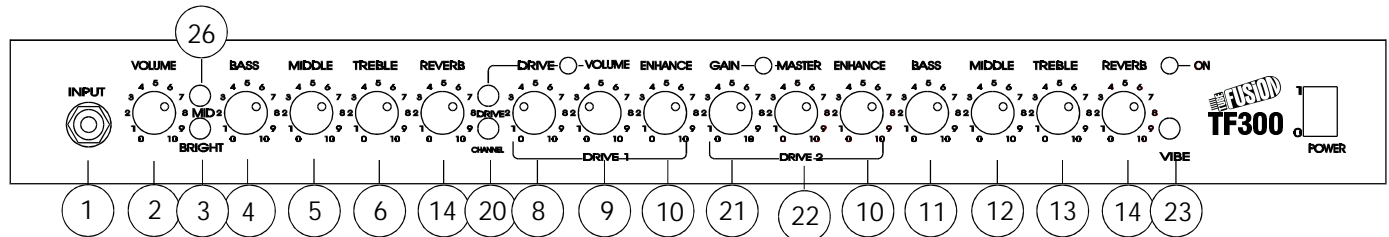


TF200



- 20 DRIVE SWITCH: Engages the onboard DRIVE circuit. DRIVE is foot-switchable (FS2 footswitch not supplied).
- 21 GAIN: Sets the level of GAIN in the DRIVE 2 channel.
- 22 MASTER: Controls the overall volume of the DRIVE 2 channel.
- 23 VIBE: Engages the VIBE circuit, this gives the player the sound and feel of a stadium gig.
- 24 REVERB: Socket for connecting an FS1 (optional) for foot-switching of REVERB.
- 25 LINE OUT: Should be used to supply line-level signal to a mixing desk or recording apparatus.

TF300/TF320/TF700



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Notes



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In the interest of continued product development BLT Industries Ltd. Reserves the right to amend product specification without prior notification.