Laney

CK SERIES

USER MANUAL

MODEL : CK30
CK80
CK160
CK300

THANK YOU

We at Laney are extremely pleased that you have decided to select a Concept CK product for your sound requirements and we wish to reinforce your judgement by ensuring you get off to a flying start by including this comprehensive user manual to assist you in getting to know your equipment.

Before switching on please read this manual carefully since whilst you may well be an experienced user no two brands are the same, and on reading this manual you will become aware of the subtle advantageous differences that the CK Workstations offer over its competitors.

UNPACKING

On unpacking your CK series please check carefully for any signs of damage that may have occurred whilst in transit from the Laney factory to your dealer. In the unlikely event that there has been damage please repack your unit in its original carton and consult your dealer.

We would strongly advise you to store away your original transit carton since in the unlikely event that some time in the future your unit should develop a fault, you will be able to return it to your dealer for rectification securely packed.

IMPORTANT SAFETY INFORMATION

Your CK product should be fitted with a three pin 'grounded' (or 'earthed') plug. Please make sure that the mixer is powered from a 'grounded/earthed' outlet.

If changing or fitting a plug yourself, ensure that the applicable wiring code is adhered to, for example in the UK the cable colour code for connections are as follows:

EARTH OR GROUND	GREEN/YELLOW
NEUTRAL	BLUE
LIVE	BROWN

The CK series product should never be exposed to moisture or wetness under any circumstances since this would represent a possible shock or fire hazard, and may cause expensive damage to your valuable possession.

In the unlikely event that a fuse should blow, it is imperative that you or your engineer, use a correctly rated replacement.

Details of the fuse required is printed on the rear panel of the amplifier, please take special care to use a 'time delay' fuse wherever stated.

IMPORTANT SAFETY INSTRUCTIONS

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

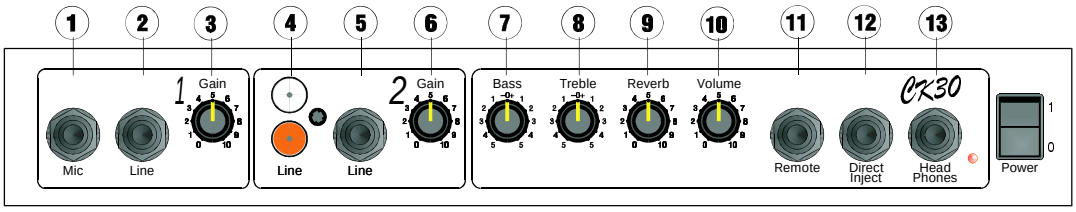
1. Read all safety and operating instructions before using this product
2. All safety and operating instructions should be retained for future reference
3. Obey all cautions in the Operating instructions and on the back of the unit
4. All operating instructions should be followed
5. This product should 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 marker 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.
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 gloss. 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

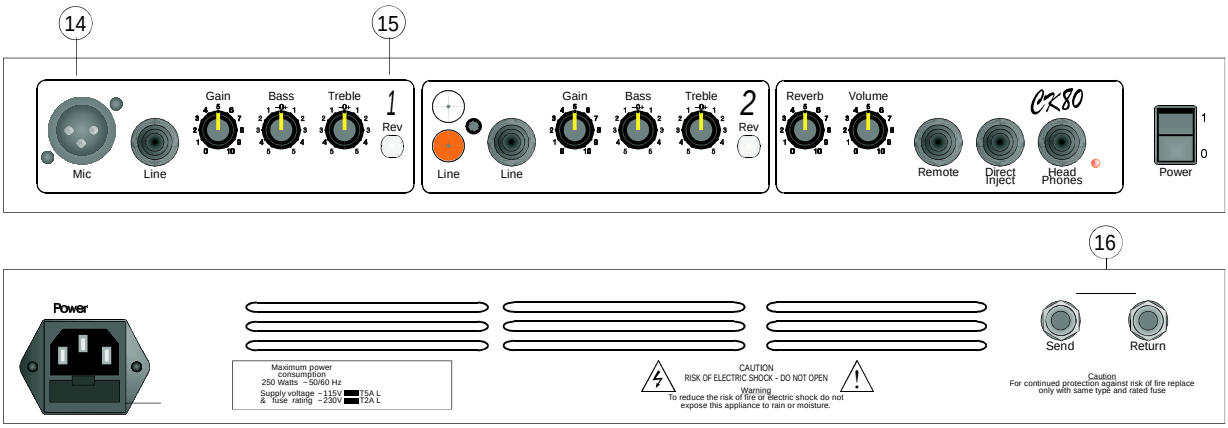
According to OSHA, any exposure in excess of the above permissible limits could result in some hearing loss. Ear plugs or protectors in the ear canals or over the ears must be worn when operating this amplification system in order to prevent a permanent hearing loss if exposure exceeds the limits set 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.

SAVE THESE INSTRUCTIONS

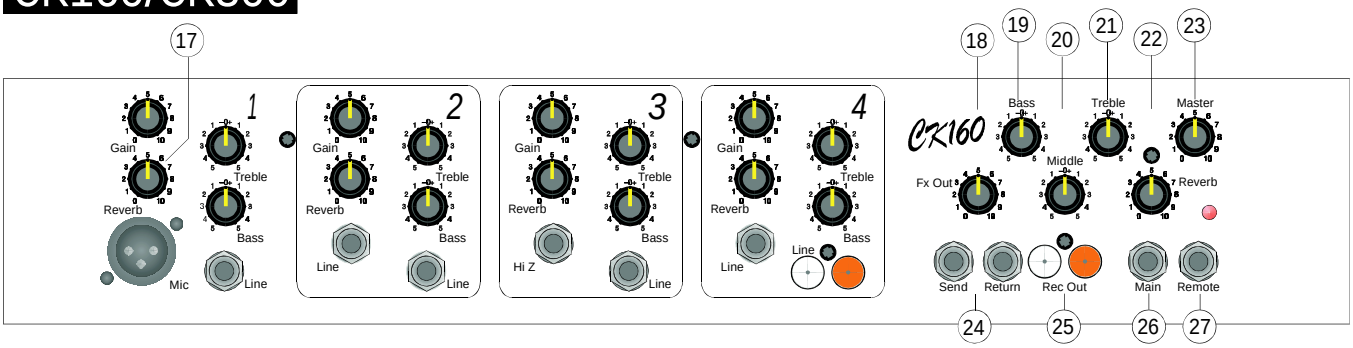
CK30

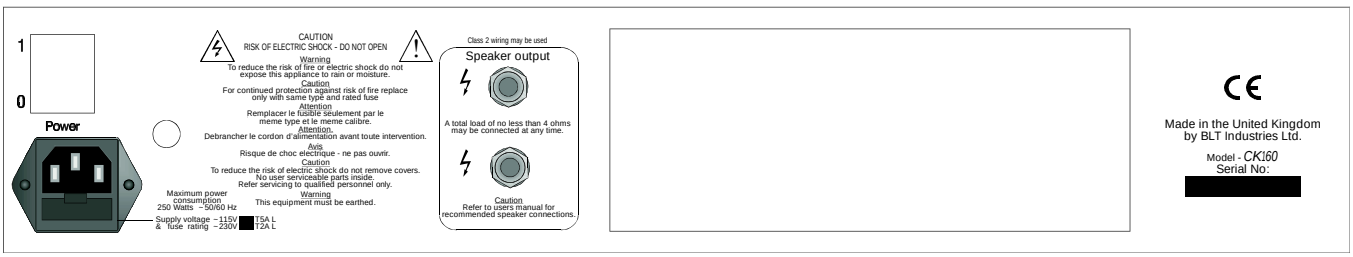


CK80



CK160/CK300





EXPLANATIONS OF TERMS

1. MIC: Jack input socket for low impedance microphone, balanced or unbalanced.
2. LINE: Jack input for line level input instruments such as keyboard/ Drum machine.
3. GAIN: Adjusts channel level. Enables the user to balance gain levels across each channel
4. TAPE & CD INPUT: Phono inputs for tape and CD playback
5. LINE: Jack input for line level input instruments such as keyboard/ Drum machine.
6. GAIN: Adjusts channel level. Enables the user to balance gain levels across each channel.
7. BASS: Adjusts the bass response of the amplifier.
8. TREBLE: Adjusts the channels high frequency response.
9. REVERB: Controls the overall amount of reverb.
10. VOLUME: Controls the overall output level of the amplifier.
11. FOOTSWITCH: Socket for the connection of an Laney FS1 footswitch(optional) allows the remote switching of reverb.
12. DIRECT INJECT: Jack socket for the provision of a line level output signal for connecting to a mixing desk or power amplifier for further sound reinforcement.
13. HEADPHONES: Headphone output for silent practice. Plug headphones into this socket and play as normal.
14. MIC: XLR Mic input.
15. REV: Selects reverb for individual channels.
16. SEND & RETURN: SEND and RETURN sockets for the buffered FX loop.
17. REVERB: Controls the individual level of reverb per channel, the overall level of reverb is set by control 21.
18. FX Out: Controls the level of signal that is sent to any external FX unit connected to the FX send jack (23).
19. BASS: Controls the low frequency response of the unit.
20. MIDDLE: Controls the Mid frequency response of the unit.
21. TREBLE: Controls the upper frequency response of the unit.
22. REVERB: Controls the global level of reverb present in the final signal.
23. MASTER: Controls the over all volume of the unit.

EXPLANATIONS OF TERMS

(24) SEND & RETURN: SEND and RETURN sockets for the buffered FX loop. The level of signal appearing at the send socket is controlled by FX out control (17)

(25) REC OUT: PHONO sockets for connecting an external tape/MD recorder.

(26) MAIN OUT: Socket for connecting an external power amplifier for extra sound reinforcement/monitoring or alternatively an external powered monitor monitor system such as the Laney CP range.

(27) REMOTE: Socket for connecting an external footswitch (FS1) for the remote switching of the onboard reverb.

REPLACING FUSES: Your amplifier leaves the factory correctly fused. Fuses are fitted to protect the user from possible injury and your amplifier from possible permanent damage. Fuses can blow simply from old age, or because the wrong fuse is fitted. If after replacement with the correct fuse, failure occurs again, it is possible your amplifier or the power supply to it, has developed a fault.

Under these circumstances you are strongly recommended to consult your local dealer or a qualified engineer.

Replacing the POWER fuse is a procedure that can be safely undertaken by the user.

In the unlikely event that you are required to replace a blown POWER fuse it is important to ensure that a fuse of the value and type recommended by Laney is fitted.

The power fuse is located on the rear panel of your amplifier.

220 - 240 VOLT MODELS POWER FUSE
CK30 - T250mAL CK80 - T1AL CK160 - T2AL CK300 - T3.15AL

110 - 120 VOLT MODELS POWER FUSE
CK30 - T500mAL CK80 - T2AL CK160 - T5AL CK300 - T6.3AL

Your Laney amplifier has been designed to be of high quality and reliability. Each unit is thoroughly examined and tested before leaving the factory. In the unlikely event that a fault should develop contact the dealer from whom you made the purchase and seek their assistance.

Intended to alert the user to the presence of uninstalled "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

Intended to alert the user of the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

Caution: Risk of electrical shock - DO NOT OPEN!
Caution: To reduce the risk of electrical shock, do not remove cover. No user servicable parts inside. Refer servicing to qualified service personnel.

WARNING: To prevernt electrical shock or fire hazard, do not expose this appliance to rain or moisture. Before using this appliance, read the operating guide for further warnings.

This apparatus must be earthed. The wires in these mains are coloured in accordance with the following code.

Green & Yellow Earth Blue Neutral Brown Live

As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows: - The wire which is coloured GREEN & YELLOW must be connected to the terminal in the plug which is marked with the letter E or by the earth symbol or coloured green or Green and yellow. The wire which is coloured Blue must be connected to the terminal which is marked with the letter N or coloured BLACK. The wire which is coloured BROWN must be connected to the terminal which is marked with the letter L or coloured RED. If a 13 amp (BS1363) plug is used a 13-amp fuse must be fitted, or if any other type of plug is used a 15 amps fuse must be fitted either in the plug or adapter or at the distribution board.

EMC warning
It is inherent in the design of a loudspeaker and in the design of guitar pickups that they should emit or be affected by electro magnetic fields. Loudspeaker enclosures should not be used less than two meters away from equipment, which is likely to be affected by electro magnetic interference.
Likewise, guitar fitted with electro magnetic pickups should not be used less than two meters away from any source of emissions such as loudspeakers. Emissions from loudspeakers are dependent on the frequency characteristics of the drive unit. Levels were measured direct from the driver of 30 dBuV. These levels are reduced to a safe level at a distance of 1,27 meters from the drivers.

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