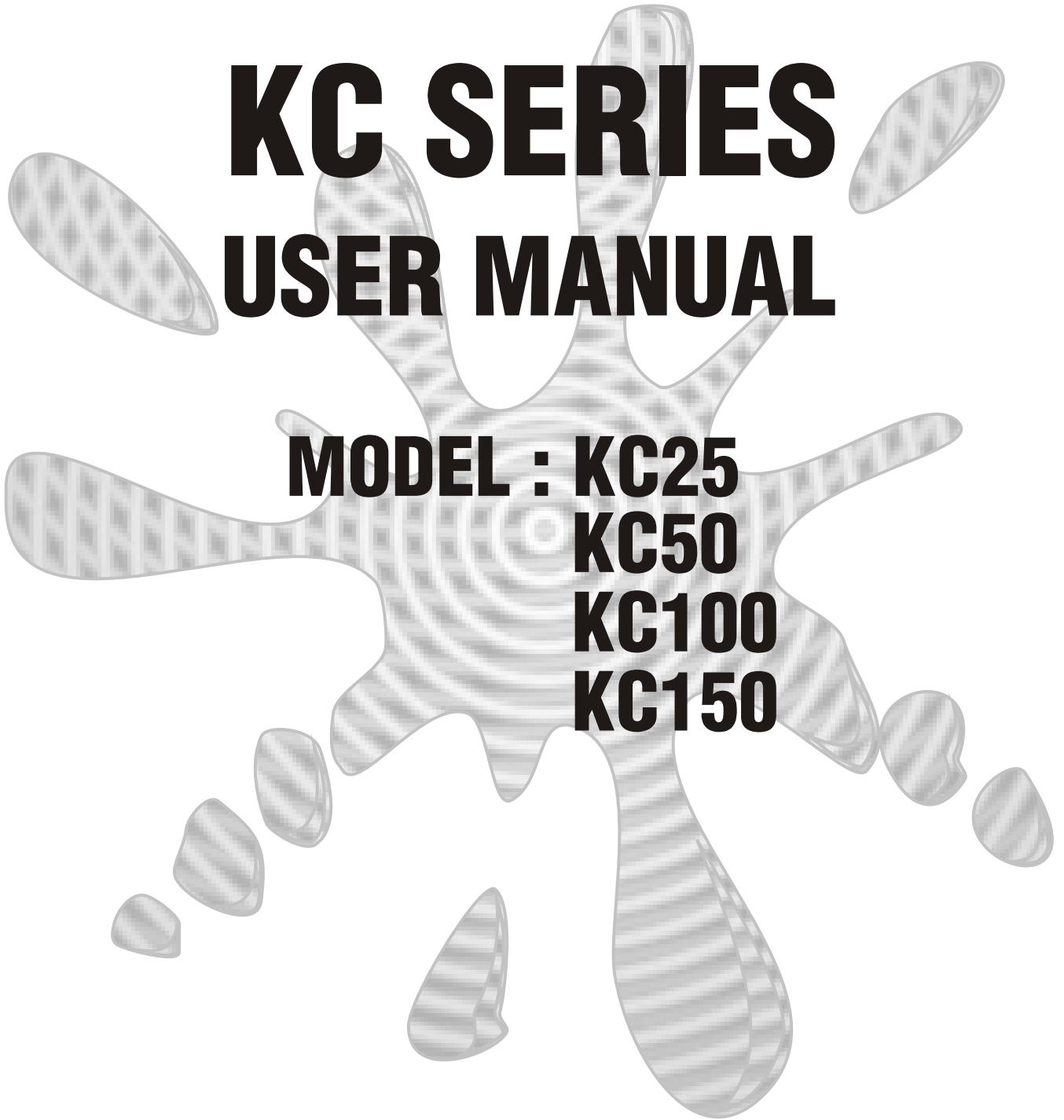


Laney

KC SERIES USER MANUAL

**MODEL : KC25
KC50
KC100
KC150**



THANK YOU

We at **Laney** are extremely pleased that you have decided to select a **KC** series 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.

2

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 **KC** series offers over its competitors.

UNPACKING

On unpacking your **KC** 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 **KC** 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:

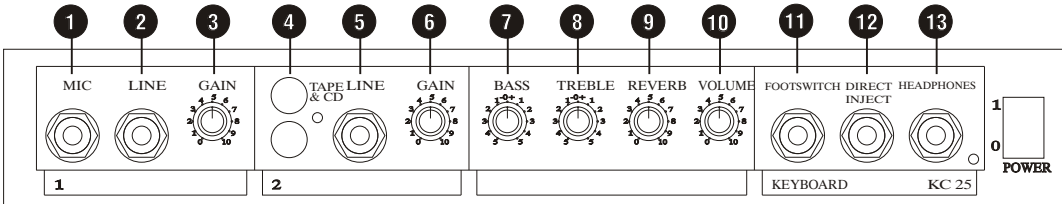
EARTH OR GROUND	——	GREEN/YELLOW
NEUTRAL	——	BLUE
LIVE	——	BROWN

The **KC** 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.

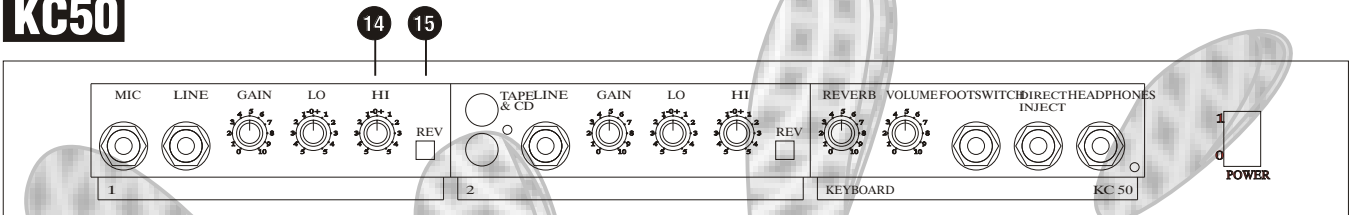
Details of the fuse required is printed on the rear panel of the amplifier, please take special care to use a 'time delay' fuse wherever stated.

KC25

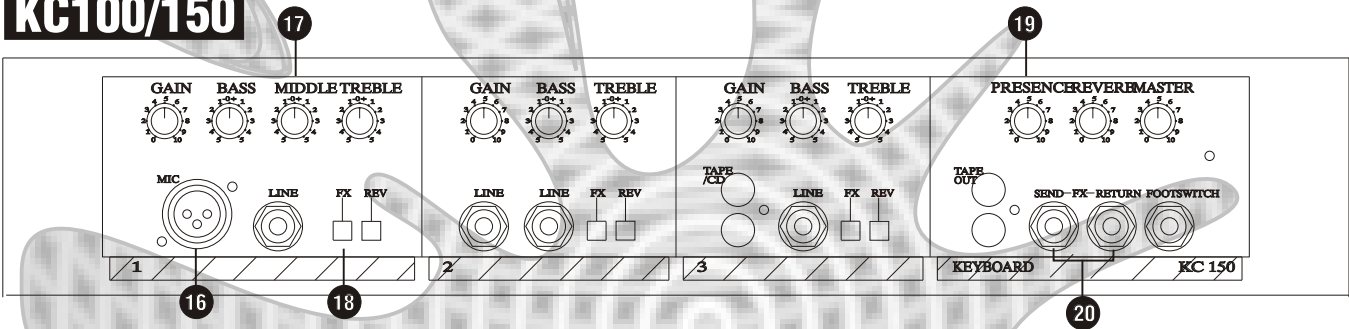


3

KC50



KC100/150



THIS EQUIPMENT MUST BE EARTHED.

SUPPLY VOLTAGE ~115V ~230V WARNING
 FUSE RATING KC100 T2A T1A
 KC150 T5A T2A

CAUTION TO REDUCE THE RISK OF FIRE HAZARD REPLACE FUSE WITH SAME TYPE AND RATING ONLY.
 ATTENTION REMPLACER LE FUSIBLE PAR LE MEME ET LE CALIBRE. ATTENTION DEBRANCHER A LA PRISE.

CAUTION TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVERS. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.
 WARNING TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

OUTPUT POWER
 KC100 = 100 WATTS
 KC150 = 150 WATTS

TOTAL MINIMUM LOAD
 4 OHMS

SPEAKER OUTPUTS

MAXIMUM POWER CONSUMPTION
 KC150 - 300 WATTS ~50 - 60 Hz
 KC100 - 200 WATTS ~50 - 60 Hz

MADE IN THE UNITED KINGDOM BY BLT INDUSTRIES LTD.

SERIAL No. _____

LINE OUT

CE

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

EXPLANATIONS OF TERMS

- 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 HI: Controls the channels high frequency response.
- 15 REV: Assigns reverb to individual channel.
- 16 MIC: XLR Mic input.
- 17 MIDDLE: Controls the channels mid frequency response.
- 18 FX: Assigns FX Loop (21-22) to individual channel.
- 19 PRESENCE: Controls the overall high frequency content of the amplifier.
- 20 SEND & RETURN: SEND and RETURN sockets for the buffered FX loop. Effects units connected to these sockets can be channel assigned using FX switch (19).
- 21 SPEAKER: Onboard speaker input jack socket. The onboard speaker must be disconnected in order to use an external speaker cabinet (Min 4 Ohms).
- 22 LINE OUT: Socket for the provision of line level output signal for connecting to a mixing desk or power amplifier for further sound reinforcement.

EXPLANATIONS OF TERMS

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.

Ensure fuse carrier when refitted, indicates correct supply voltage.

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

220 - 240 VOLT MODELS POWER FUSE	INTERNAL FUSE
KC25 - T250ma	NA
KC50 - T1A	F3.15 x2
KC100 - T1A	F5A x2
KC150 - T2A	F5A x2

100- 120 VOLT MODELS POWER FUSE	INTERNAL FUSE
KC25 - T500ma	NA
KC50 - T2A	F3.15 x2
KC100 - T2A	F5A x2
KC150 - T5A	F5A x2

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.

TECHNICAL SPECIFICATIONS

Technical Specification	KC25	KC50	KC100	KC150
Supply Voltage	230	230	230	230
Supply Frequency	50-60Hz	50-60Hz	50-60Hz	50-60Hz
Output Power	25W	50W	100W	150W
Line Input Impedance	10K	10K	47K	47K
Mic Input Impedance	2K	2K	2K	2K
Tape/CD Input Impedance	2K	2K	47K	47K
Mic Sensitivity	-40dB	-40dB	-46dB Bal	-46dB Bal
Line Sensitivity	-30dB	-30dB	-25dB	-25dB
Tape/CD Sensitivity	-34dB	-34dB	-12dB	-12dB
DI Output Level	-12dB Bal	-6dB Bal	N/A	N/A
Speaker Impedance	4 Ohm	4 Ohm	4 Ohm	4 Ohm
Speaker Size	10"	12"	12"	15"+HF
Speaker Rating	30	50	120	150
HxWxD	420x390x250	430x520x270	475x545x300	475x545x300
Line Out	NA	NA	0db	0db
FX Loop	NA	NA	-12dB	-12dB

Laney

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