

# Laney

## CONCEPT

*Series Cabinets*

MODEL : CT10  
CT12  
CT15  
CS115

# USER MANUAL

## IMPORTANT SAFETY INSTRUCTIONS

**WARNING:** When using electrical products, basic cautions should always be followed, including the following:

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a dry cloth.
7. Do not block any of the ventilation openings. Install in accordance with manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves or other apparatus (including amplifiers) that produce heat.
9. An apparatus with Class I construction shall be connected to a mains socket outlet with a protective connection. Do not defeat the safety purpose of the polarized or grounding-type plug. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding plug. The wide blade or third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point they exit from the apparatus.
11. Only use attachments/accessories provided by the manufacturer.
12. Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. The mains plug or appliance coupler is used as the disconnect device and shall remain readily operable. The user should allow easy access to any mains plug, mains coupler and mains switch used in conjunction with this unit thus making it readily operable. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as when power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. Never break off the ground pin. Connect only to a power supply of the type marked on the unit adjacent to the power supply cord.
16. If this product is to be mounted in an equipment rack, rear support should be provided.
17. Note for UK only: If the colours of the wires in the mains lead of this unit do not correspond with the terminals in your plug, proceed as follows:
  - a) The wire that is coloured green and yellow must be connected to the terminal that is marked by the letter E, the earth symbol, coloured green or coloured green and yellow.
  - b) The wire that is coloured blue must be connected to the terminal that is marked with the letter N or the colour black.
  - c) The wire that is coloured brown must be connected to the terminal that is marked with the letter L or the colour red.
18. This electrical apparatus should not be exposed to dripping or splashing and care should be taken not to place objects containing liquids, such as vases, upon the apparatus.
19. 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 exposures: According to OSHA, any exposure in excess of the above permissible limits could result in some hearing loss. Earplugs or protectors to 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 is in excess of the limits as 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.

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

## THANK YOU

We at Laney are extremely pleased that you have decided to select a Concept 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 Concept offers over its competitors.

## UNPACKING

On unpacking your Concept 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 Concept powered monitors 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 Concept 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 powered monitor, please take special care to use a 'time delay' fuse wherever stated.

## Concept Cabinets

The Laney range of Concept cabinets are ideally suited for all types of rehearsal and performance sound applications. Each cabinet is constructed using the best materials in order to provide the highest sound quality available.

When connecting to a sound source please ensure that you use good quality speaker cable. It is important to use speaker cable, as instrument cable is not designed to carry signal loads associated with PA applications.

Each Concept cabinet is equipped with two jack sockets on the rear which function as either an input jack or a link jack. The jack sockets are connected in parallel, which means it is not critical which jack you decide to use as the input jack, the other will automatically become the link jack.

Rear Panel view of a CT Cabinet



## EXPLANATION OF TERMS

- 1 Input : Socket for connecting the external sound source
- 2 Link : Socket provided for connecting additional cabinets in Parallel with the input socket.

**N.B.** Please note : if 1 is used as the main input then 2 becomes the link. If 2 is used as the main input then 1 becomes the link

## Connection procedure.

Unpack the speakers and place them in their appropriate positions, in most instances this will be left and right of the sound source.

With the sound source turned off, connect the left output of the sound source to the left speaker enclosure, using either jack socket. In turn connect the right output of sound source to the right speaker enclosure.

Connect all external sound devices to the sound source for example CD players, mic's etc.

With the volume of the sound source turned down switch the power on.

Set the sound source at a low level and check that signal is present at the speakers.

If signal is present then sound check at the desired level.

If there is no signal then check to connections and make sure they are secure, make sure the sound source is functioning correctly.

When packing up, make sure the sound source is switched off first - before the speakers are disconnected.

When connecting a sub bass unit such as the CS115, in conjunction with another cabinet such as a CT12, optimum sound quality is achieved by firstly connecting the sound source to the CS115 and then link out of the CS115 to the remaining cabinet. This procedure is the same for both channels of the sound source.

When connecting a pair of speaker to a mono sound source with only one output. Connect the first speaker to the amplifier and then using the link out connect to the second speaker.

**Laney**  
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In the interest of continued product development, Laney reserves the right to amend product specification without prior notification.