

Laney

Thank you for purchasing a **Laney** series loudspeaker cabinet. In order to take full advantage of it and enjoy long and trouble-free performance, please read this owner's manual carefully, and keep it in a safe place for future reference.

- 1) Read Instructions** carefully before installing or operating this product.
- 2) Retain these instructions**
- 3) Comply with warnings:** All warnings and instructions for these products should be adhered to.
- 4) Unpacking:** Please retain the packing carton and liners in case the unit should need to be returned at any time.
- 5) Amplifier connection.** In order to avoid damage, it is advisable to establish and follow a pattern for turning on and off your system.

With all system parts connected, turn on source equipment, tape decks, cd players, mixers, effects processors etc. BEFORE turning on your power amplifier. Many products have large transient surges at turn on and off which can cause damage to your speakers.

By turning on your power amplifier LAST and making sure its level control are set to minimum any transients from other equipment will not reach your loudspeakers.

Wait until all system parts have stabilised usually a couple of seconds.

Similarly when turning off your system always turn down the level controls on your power amplifier and then turn off its power before turning off other equipment.

6) Cables- never use shielded or microphone cable for any speaker connections as this will not be substantial enough to handle the amplifier load and could cause damage to your complete system.

7) Caution: These professional loudspeaker systems are capable of generating very high sound pressure levels. Use care with placement and operation to avoid exposure to excessive levels that can cause permanent hearing damage.

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.

8) Unpacking: On unpacking your product 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.

9) Servicing: The user should not attempt to service these products. Refer all servicing to qualified service personnel.

10) General Specifications.

	TT412A/TT412S	GS412IA/GS412IS/	GS210VE	GS112VE	HCM412A/HCM412S	TFX412A/TFX412S
Power Rating RMS	240W	320W	75W	75W	200W	200W
Impedance	16	16	8	8	8	8
Size W*D*H	706*355*706	712*358*712	559*250*420	559*250*420	706*287*706	712*287*712
Weight Kg	44Kg	38Kg	26.5Kg	16Kg	32Kg	32Kg
Description	Premium cabinet, optimised for use with TT Series Valve heads.	(IA/IS) cabinet optimised for use with GH50L, GH100L and VH100R. (LA/LS) optimised for use with GH100T	Extension cabinet for use with VC15/VC30	Extension cabinet for use with VC15/VC30	Cabinet optimised for use with Hardcore HCM series products	Cabinet optimised for use with Hardcore HCM series products