

We hope your Carlsbro amplifier will provide you with many years of music and enjoyment, and help take your playing to a whole new level. At Carlsbro we have been making amplifiers and equipment for musicians for over 40 years, and will continue to strive to make the best products to support musicians of all levels, from beginners starting out to the professional player. Whether music is your hobby, your job or the driving passion of your life, Carlsbro products will give the performance and reliability you need to achieve your musical goals.

Check out the full Carlsbro range of products, including PA systems, amplifiers and stacks suitable for electric guitar, acoustic instruments, bass guitar, keyboards, harmonica and much more. See our website (www.carlsbro.com) for more details.

The Carlsbro guitar amp range includes ;

- Kickstart beginners / practice combos.
- GLX combos, loaded with features and tone for the more demanding player.
- Fat Boy Class A valve combo for serious British tone.
- Nu-Tone 250W head and stack, designed and voiced for detuned, 7 string and baritone guitars, a unique stack for professional modern rock players.
- Sherwood range for acoustic guitar and other acoustic stringed instruments.

Give them a try at your nearest Carlsbro dealer !

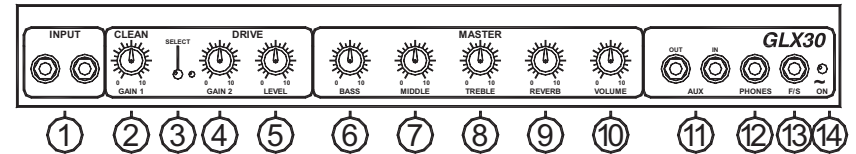
GLX 30 Guitar Combo

The GLX Range of combos have been designed and voiced to give the best performance for electric guitar. The GLX30 is equipped with a wide range of features to ensure ultimate versatility and tone. It performs well for all styles of playing, and is suited to home practice and recording, and small rehearsals or live performances.

MAIN FEATURES

- Two Ultra high impedance universal inputs
- Two Channels (Clean and Drive) selected by front panel or supplied footswitch
- Independent variable input gain for each channel
- Variable channel level (Drive)
- Powerful active three band EQ
- Reverb with variable level
- Master volume
- Aux Out & In sockets
- Headphone socket
- Universal Audio input
- 2 x 8" speakers.

Front Panel Layout



Front Panel Facilities

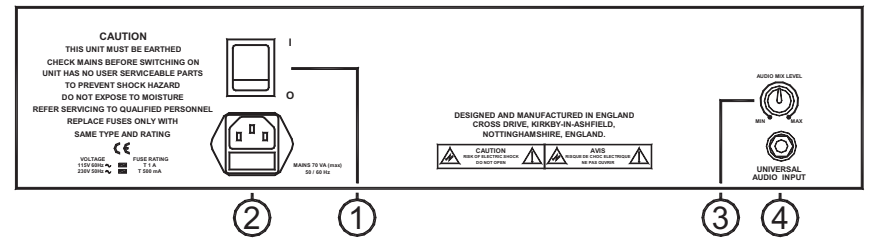
1. Inputs. These inputs are compatible with piezo transducers, active and passive pick up systems.
2. Gain 1. This control sets the gain at the input (the inputs electrical signal strength) for the clean channel. Use this in conjunction with the master volume to get adequate volume level without unwanted distortion.
3. Select switch. Used to switch between Clean and Drive channels. When depressed, the Drive channel is selected and the red LED

- will illuminate. NOTE; When using the footswitch, this switch must be 'out'.
4. Gain 2. This control sets the gain at the input (the inputs electrical signal strength) for the Drive channel. Increasing the gain will increase the level of overdrive, or distortion in the tone.
 5. Level. This sets the output level of the drive channel, to allow it to be balanced with the clean channel.
 6. Bass. This is used to control the level of bass or low frequency sound. The position marked '0' (at the top) gives a flat response. Turning the control clockwise will increase the level of bass, and anticlockwise will reduce it.
 7. Mid. This works the same way as the Bass control, but affects mid range frequencies.
 8. Treble. This works the same way as the Bass control, but affects Treble or high frequencies.
 9. Reverb. This controls the amount of reverb effect mixed into the guitar signal. Reverb is used to give ambience and atmosphere to the tone by simulating the reverberation of a large room.

Experiment with these controls whilst playing to appreciate the tonal variation possible from your amp

10. Volume. This controls the overall volume or sound level from the amp. This should be set to '0' when switching the combo on or off.
11. Aux Out & In. These can also be referred to as 'Send' & 'return', or as an 'effects loop'. These are used for connecting effects processors to the combo. The 'Out' socket should be connected to the processors input, and the processors output connected to the 'In' socket. The level of signal at the 'Out' socket is controlled by the master volume control.
12. Headphones. This provides a mono signal for stereo headphones (600ohm impedance or higher). NOTE: the internal speaker is disconnected when headphones are used for silent practice.
13. Footswitch socket. Connect the supplied footswitch here to allow remote channel selection.
14. 'On' LED. This red LED illuminates when the unit is supplied with the correct mains voltage and switched on. When switched off, the LED will slowly extinguish. (Should the unit operate without the On LED illuminating contact your local Carlsbro service agent).

Rear Panel Layout



Rear Panel facilities

1. Power Switch. This turns the AC mains power to the unit on or off.
2. IEC Input socket. Connect the supplied mains lead here. The mains fuse is also located below this socket. Replace the fuse only with the same type and rating stated on the rear panel. If a replacement fuse fails immediately, contact your local service agent. DO NOT replace with a higher value.
3. Audio Mix level. Used to mix the level of an external audio source connected to the universal input with the guitar signal, to allow playing along to backing tracks, a drum machine, etc.
4. Universal Audio Input. This 3 pole (stereo) ¼" jack input socket allows connection of an external audio source such as CD, tape, Minidisc or DAT to play backing tracks or other audio material through your amp. The wiring convention is Tip = Left signal, ring = Right signal, Sleeve = screen (ground).

NOTE ; ALWAYS DISCONNECT THE UNIT FROM THE MAINS BEFORE REPLACING THE FUSE.

Technical Specifications

Power consumption	:	70VA max
Power Output (at onset of clip)	:	30W RMS into 4 ohm
Height	:	395mm
Width	:	530mm
Depth	:	230mm
Weight	:	12.5kg