

Technical Specifications

Colt 40

Processor Loop & Line out level	;	-10dBV
Power consumption	;	63VA max
Power Output (at onset of clip)	;	40W RMS into 8 ohm
Input sensitivity	;	70mV @ 68k Ohm
Max input level	;	1.0V
Bass control	;	+ 10dB, -12dB @ 60Hz
Treble control	;	+ 12dB, -16dB @ 10kHz
Height	;	450mm
Width	;	480mm
Depth	;	275mm
Weight	;	14.5kg

Colt 85

Processor Loop & line out level	;	-6dBV
Power consumption	;	93VA max
Power Output (at onset of clip)	;	85W RMS into 4 ohm
Input sensitivity	;	70mV @ 68k Ohm
Max input level	;	1.0V
Bass control	;	+ 10dB, -12dB @ 60Hz
Treble control	;	+ 12dB, -16dB @ 10kHz
Height	;	540mm
Width	;	485mm
Depth	;	310mm
Weight	;	20kg

COLT 40 / COLT 85 **Keyboard Combos**

The Colt Range of combos have been designed and voiced to give the best performance for keyboards. These are professional standard combos, with a wide range of features to ensure ultimate versatility and performance. They perform well for all styles of playing, and are suited to home practice and recording, rehearsals and live performances.

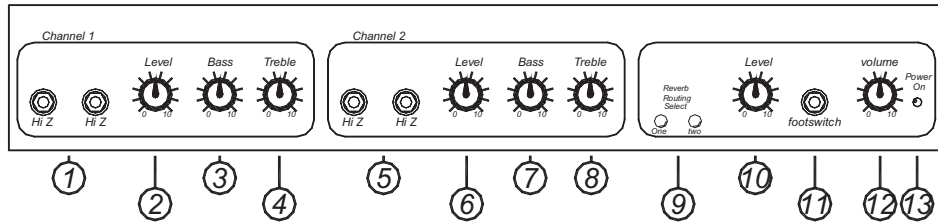
MAIN FEATURES

- Dual channels
- 2 inputs per channel
- Independent two band EQ on each channel
- Independent reverb selection for each channel
- Foot-switchable reverb
- Master volume
- Send & Return sockets
- Headphone socket
- Kickproof steel grille
- Rugged cabinet construction
- 10" Bass driver + High Frequency horn (COLT 40)
- 12" Bass driver + High Frequency horn (COLT 85)

Please read the manual carefully to ensure you obtain the best performance and reliability from your Carlsbro amplifier.

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.

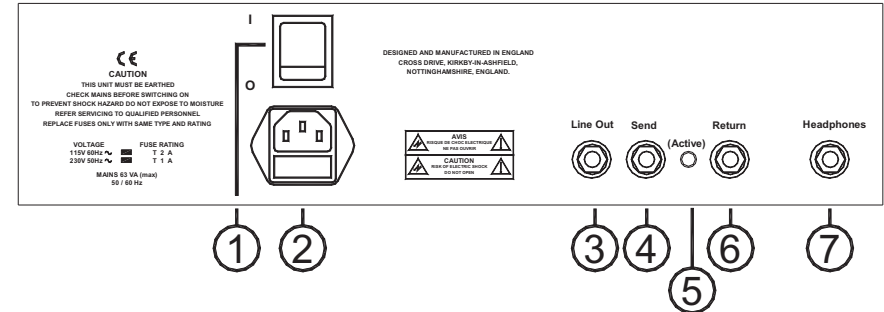
Front Panel Layout



Front Panel Facilities

1. Inputs (Channel 1). High impedance unbalanced mono inputs compatible with musical instrument outputs.
2. Level. This allows adjustment of the channel level, to allow mixing of channel 1 and 2.
3. 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.
4. Treble. This works the same way as the Bass control, but affects Treble or high frequencies.
5. Channel 2 inputs. Identical to channel 1, but for the independent channel 2.
6. Level. Identical to channel 1, but for the independent channel 2.
7. Bass. Identical to channel 1, but for the independent channel 2.
8. Treble. Identical to channel 1, but for the independent channel 2.
9. Reverb routing select. Depressing the relevant switches adds reverb to channel 1, channel 2 or both channels.
10. Reverb level. Controls the level of the reverb effect for both channels.
11. Foot switch. Allows remote selection of reverb by using a Carlsbro FSE-2 footswitch
12. Volume. Controls the overall volume of the combo.
13. '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.

Rear Panel Layout



(Colt 40 Panel shown. Headphone socket is to the left of line out for Colt 85)

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. Line Output. A line level signal, suitable for connecting to a power amp or mixing desk.
4. Send. Used in conjunction with the Aux return, this is used for connecting effects processors to the combo. The 'Send' socket should be connected to the processors input, and the processors output connected to the 'Return' socket. The level of signal at the 'Out' socket is controlled by the master volume control. Good quality screened audio cables should be used for these connections. The wiring convention is Tip = signal, Sleeve = screen (ground).
5. Active. This switch activates the send and return sockets. When these are not in use, the switch must be 'out', or there will be no sound from the amp.
6. Return. Used with Send. See 4. above.
7. Headphones. This provides a mono signal for stereo headphones. NOTE: the internal speaker is disconnected when headphones are used for silent practice