

CVH-40, CVH-80

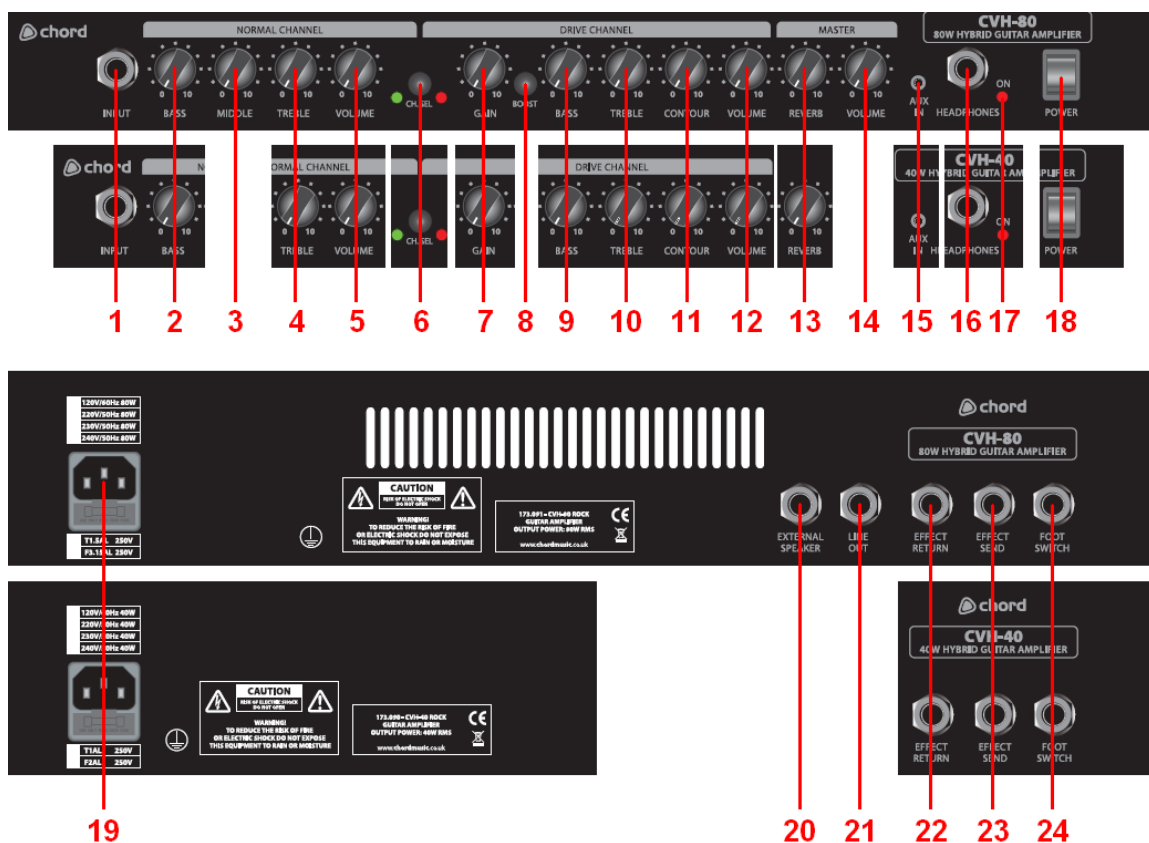
Valve Hybrid Amplifiers

Item ref: 173.090, 173.091

User Manual

Introduction

Thank you for choosing the Chord CVH series valve hybrid guitar amplifier to provide you with power and flexibility to create your ideal guitar tone. CVH amplifiers hybrid circuitry and features enable you to tailor your sound to suit a wide range of musical styles. Please read this manual to get the best from your amplifier and avoid damage through misuse.



<ol style="list-style-type: none"> 1. Guitar input (6.3mm mono jack) 2. Normal channel BASS EQ control 3. Normal channel MIDDLE EQ control (CVH-80) 4. Normal channel TREBLE EQ control 5. Normal channel VOLUME control 6. CHANNEL select switch (footswitch optional) 7. Drivel channel GAIN control 8. Drive channel BOOST switch (CVH-80) 9. Drive channel BASS EQ control 10. Drive channel TREBLE EQ control 11. Drive channel CONTOUR control 12. Drive channel VOLUME control 	<ol style="list-style-type: none"> 13. REVERB depth control 14. MASTER volume control (CVH-80) 15. AUX IN 3.5mm jack line input 16. HEADPHONES out 6.3mm jack (mutes speaker) 17. Power on indicator 18. POWER switch 19. IEC mains inlet 20. EXTERNAL SPEAKER output (CVH-80) 21. LINE OUT (CVH-80) 22. EFFECT RETURN input from effects loop 23. EFFECT SEND output to effects loop 24. FOOTSWITCH mono/stereo jack
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Connection

For CVH-80 only...

If an external speaker cabinet is to be connected, connect to the rear EXTERNAL SPEAKER jack (20)

Ensure that the external speaker has an impedance of no less than 8Ω and can handle up to 80Wrms

If a line output is to be used (i.e. into a mixing console) connect this from the rear LINE OUT jack (21)

For CVH-40 and CVH-80

Connect guitar to input (1) via a 6.3mm jack lead

If mp3 or other playback is to be used, connect this to the 3.5mm AUX IN connector (15)

If headphones are to be used for silent practice, connect these to the 6.3mm HEADPHONES jack (16)

Some effects units give better results if connected in-line after the drive sections

For effect units which are to be connected in-line, connect EFFECT SEND (23) to the effect unit input

From the effect unit output (last in line if more than one used) connect to the EFFECT RETURN jack (22)

A latching type footswitch with a 6.3mm mono jack plug can be connected to select the channel (24)

If required, a dual latching footswitch with stereo (TRS) 6.3mm jack plug can select channel and reverb

Wiring for stereo footswitch jack TIP = channel select RING = reverb on/off SLEEVE = common

Operation

Turn both VOLUME and REVERB controls fully down and all other controls to the vertical (12 o'clock) position

Connect to mains using the supplied mains lead via the rear panel IEC connector and switch POWER on (18)

The power ON indicator will light. The internal 12AX7 valve may need a few minutes to reach full output

Select NORMAL channel via the CHANNEL select switch (6) or optional footswitch

A green LED will light to indicate that the NORMAL channel is selected. Red LED indicates DRIVE channel

Gradually turn up the VOLUME control (5) and play until sound is heard and increase to the required level

Adjust BASS, MIDDLE (CVH-80) and TREBLE controls (2, 3, 4) to achieve the required tone character

Turn up REVERB control (13) if required to add an ambient natural echo effect (switch on footswitch)

Reverb effect is shared by both NORMAL and DRIVE channels

Select DRIVE channel via the CHANNEL select switch (6) or optional footswitch

Gradually turn up the VOLUME control (12) and play until sound is heard and increase to the required level

Increase GAIN control (7) for more drive or decrease for a cleaner sound

For CVH-80, a BOOST switch (8) gives a preset increase to the gain for further drive control

Adjust BASS and TREBLE controls (9, 10) to achieve the required tone character

For mid character, the CONTOUR control (11) varies the tone from hard mid-focus to "scooped" mid cut

Switch between NORMAL and DRIVE channels to balance the volume levels

CVH-80 has a further MASTER volume control to govern the overall output

Turn down the VOLUME control before unplugging the guitar or switching off the amplifier

Caution

Do not cover cooling vents at the rear of the amplifier. Keep away from damp or dusty environments

Check mains lead is in good condition and ensure mains outlet voltage is correct as indicated

Use only approved fuse rated as shown. Unplug from mains before replacing fuse

The CVH amplifiers use a 12AX7 dual triode valve in the preamp. This should normally not need replacing

If replacement is required, refer to qualified technician and only replace with same type valve

Mains should be disconnected before replacing the valve

No user serviceable parts inside. Refer all servicing to qualified personnel