

CG SERIES

Guitar Amplifiers

Item ref: 173.044, 173.045, 173.046, 173.048

User Manual



Introduction

Thank you for choosing our CG series guitar amplifier. Please read this manual prior to use to avoid damage to the item. The CG range is specifically designed to give the guitar player a practical and powerful amplifier with classic tones.

Warning

To prevent the risk of fire or electric shock, do not expose this appliance to rain or moisture. To prevent electric shock do not remove the cover. No user serviceable parts inside. Refer servicing to qualified service personnel.

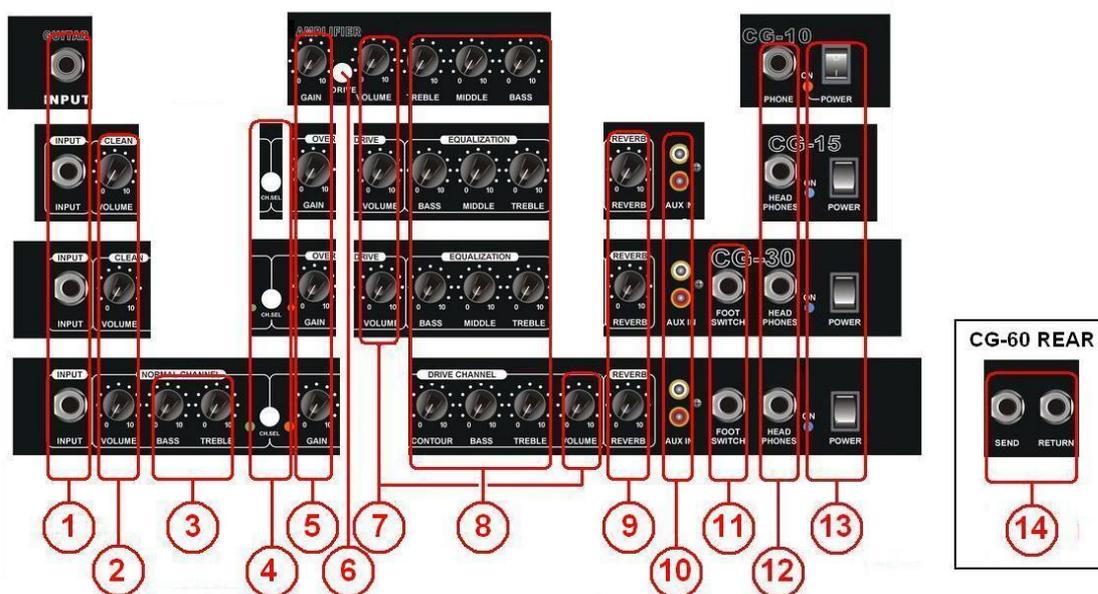
Safety

- Prior to connecting mains, ensure that the supply voltage is correct and the mains lead is in good condition.
- Avoid ingress of water or particles into the enclosure.
- If the mains fuse blows, refer the unit to qualified service personnel
- Keep the unit out of direct sunlight and away from heat sources.
- Place the unit in an upright position during use and storage.
- Keep the unit away from moisture or dusty environments.

Cleaning

Use a soft cloth with a neutral detergent to clean the cabinet, panel and controls. To avoid damage, do not use solvents to clean this equipment.

Control Panel



- 1) INPUT – 6.3mm jack (unbalanced)
- 2) VOLUME – Volume for CLEAN channel
- 3) BASS + TREBLE – Tone controls for clean channel
- 4) CH/SEL – Channel switch CLEAN - OVERDRIVE
- 5) GAIN – Input drive level for OVERDRIVE channel or DRIVE effect
- 6) DRIVE – Switch for engaging the drive effect
- 7) VOLUME – Master volume control
- 8) EQ Section – BASS, MIDDLE (CONTOUR for CG-60) and TREBLE tone controls
- 9) REVERB – Level control for internal spring reverb effect
- 10) AUX IN – twin RCA line level input for playback devices like mp3 players etc.
- 11) FOOT SWITCH – 6.3mm jack input for channel footswitch
- 12) HEADPHONES – 6.3mm stereo jack headphone output (mutes speaker for silent practice)
- 13) POWER – power switch and indicator
- 14) SEND/RETURN – Loop for external effects (6.3mm jack, unbalanced)

Operation

- Connect the guitar to the CG-series amplifier input using a good quality 6.3mm mono jack lead. Otherwise, if effect pedals are to be used, plug into these first (unless they are to be used in the effects loop) and plug the output from these to the input of the amplifier.
- Connect the amplifier to the mains using the appropriate mains IEC lead supplied
- If any external effects are to be used in the effects loop, connect the Send/Return jacks to the input/output of the unit(s) and power up ready for use
- Set VOLUME, GAIN and REVERB controls to the minimum (fully anticlockwise) position
- Turn the BASS, MIDDLE, TREBLE and CONTOUR controls to the mid-way position
- Switch on the POWER and switch the channel to CLEAN (make sure the DRIVE switch is off for CG-10). For CG-60 and CG-30, this can be achieved by plugging a footswitch into the 6.3mm FOOT SWITCH jack and pressing the switch
- Increase VOLUME for the clean channel and play a note, ensuring that the guitar's volume and tone controls are turned up. Continue increasing VOLUME until the required signal level is achieved
- For CG-60, adjusting the left-most BASS and TREBLE controls adjusts the tone for the clean channel
- Switch the CHANNEL or DRIVE switch to the overdrive channel or effect and turn up the GAIN to the desired drive level whilst adjusting the VOLUME to balance the output level to suit. Note that higher gain and lower volume can give more distortion.
- Adjust BASS, MIDDLE and TREBLE controls to achieve the desired tone. On the CG-60, the CONTOUR control adjusts the response curve of the mid frequencies
- Turn the REVERB control up to the required level to introduce the internal spring reverb effect to the sound.
- Plugging a line level source into the AUX twin RCA input mixes it with the guitar's signal without adding overdrive or tone shaping to the AUX signal. This may be a playback device, such as an mp3 player or CD player or even a drum machine to play along with.
- Plugging in a pair of headphones to the 6.3mm TRS Phones jack will allow silent practice by muting the speaker output.
- Before switching off or removing power, turn down the VOLUME controls.
- When not in use, switch off and disconnect from the mains

Specifications

	CG-60	CG-30	CG-15	CG-10
Power supply	220-250Vac, 50/60Hz (IEC)			
Output power @ 8Ω	60Wrms	30Wrms	15Wrms	10Wrms
Speaker unit(s)	12" vintage driver	10" vintage driver	8" vintage driver	6" vintage driver
Input	6.3mm jack			
Send/Return Loop	.			
Footswitch input	.	.		
Phones Out (6.3mm TRS jack)
AUX in (2 x RCA)	.	.	.	
Preamp Controls	Gain, Shape, Master	Gain, Master	Gain, Master	Gain, Master
Equalisation	Clean Bass & Treble, Drive Contour, Bass, Treble	Bass, Middle, Treble	Bass, Middle, Treble	Bass, Middle, Treble
Dimensions	480 x 530 x 280mm	410 x 380 x 200mm	340 x 325 x 180mm	300 x 290 x 120mm
Weight	17.3kg	12.5kg	7.0kg	4.0kg

Troubleshooting

No output and no Power light	Check POWER switch is on and mains lead is connected properly
	Check mains fuse hasn't blown
Power LED lit but no Output	Check that GAIN, EQ, VOLUME and guitar controls are not turned fully down
	Check that headphones are not left plugged in
	Change jack lead to check if faulty, also for Send and Return jacks
	Check battery is OK in effects units in the Send/Return loop
Output too distorted	Reduce GAIN & EQ controls and increase Master volume to compensate
	Check that overdrive channel is not selected instead of clean
Output very quiet	Check that GAIN, EQ, VOLUME and guitar controls are not turned down
	Unplug effects from Send/Return loop to check if they are cutting signal level

*Errors and omissions excepted.
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