



# AC-100 Acoustic Chorus Guitar Amplifier

## Put some power behind your acoustic guitar sound.

The new AC-100 Acoustic Chorus Guitar Amplifier is a revelation for acoustic and electro-acoustic guitarists who want to amplify their acoustic sound. The AC-100 is the direct result of our intensive research into acoustic instrument amplification. This incredible new amplifier accurately preserves the natural tonal characteristics and purity of sound that distinguishes the acoustic guitar. From rich, warm midrange to powerful lows to delicate, but crisp high end, the AC-100 is an amp for the discriminating acoustic performer. The AC-100 successfully combines our JC amp series technology with innovative new digital technology, including the Roland-developed Tri-Amp System which utilizes three speakers with three dedicated amplifiers. The advantages of the AC-100 allow the acoustic guitarist to play any venue with precisely the sound they desire. The AC-100 is the first amplifier that fulfills the potential of the amplified acoustic and electro-acoustic guitar.

## The sound.

The AC-100 is designed to faithfully deliver acoustic sound in a way that no other "acoustic" amp ever has. With a generous 100W output produced by the Tri-Amp System, you're instantly aware of the amp's power reserve. Tonal purity is never compromised by increasing or decreasing your volume. A 12" speaker, driven by a 50W amplifier, handles lows and mid-lows, while two 5" speakers, each driven by a separate 25W amplifier, handle the mid-highs and highs.

## Digital technology for acoustics.

Because the AC-100 is a professional unit, it provides several high-quality onboard effects. The AC-100 chorus sounds like no other because it has been designed specifically to interact with the Tri-Amp System. This produces optimal spatial characteristics. The mid-highs of the digitally processed signal are sent to the two 5" speakers in stereo and the lows are mixed with the direct sound and routed to the center 12" speaker. The result is an entrancingly spacious chorus that no other amp/effect combination can deliver. Digital stereo reverb is also included and has been designed specifically to enhance acoustic guitar sounds. Both chorus and reverb effects can be independently accessed via footswitch.



## Dual channel inputs.

The AC-100 has a dual channel preamplifier configuration — guitar as well as mic/aux channels. The guitar channel features both High/Piezo and Low/Active inputs to allow optimal matching of pickup impedance. The mic/aux channel offers a variable sensitivity XLR input thus allowing a full range of microphone choices for amplifying a guitar without pickups. You can also connect a vocal microphone, rhythm machine or even a guitar synthesizer or keyboard.

## Impressive sonic control.

The AC-100 offers unprecedented sonic control. Each channel has its own three-band equalizer, chorus, reverb and hi-pass filter to avoid boominess, while producing crystal clear sound. These extensive controls make it simple to obtain your desired sound. The guitar channel also features an anti-feedback circuit to eliminate annoying feedback while maintaining superb sound quality. A special tonal shape switch offers instant changes in tonal characteristics. There's also a separate effects loop for use with external units like compressors or limiters. The convenient master volume lets you adjust both channels simultaneously.

## Professional line outs.

After effects processing, your finished sound is routed directly to the line outs. The stereo line out is switchable between pre-equalization (mono) and post effect (stereo) and an XLR balanced output is also provided. The pre-equalization output sends a direct signal from the line out for greater sound control with an external PA system, even if you're using EQ and/or other effects on the AC-100.

Whether you play guitar, sing or just want to be heard in the band, the AC-100 lets you speak with musical authority.

## Specifications:

Output	100W (25W + 25W + 50W)	Master	Digital Chorus: Mode (1/2/3), Intensity
Speakers	12cm (5 $\frac{1}{2}$ ) x 2, 30 cm (12 $\frac{1}{2}$ ) x 1		Digital Reverb: Mode (1/2/3), Level
Input			Master Volume, Power (On/Off)
Mic/Aux Ch.	XLR, Phone	Rear Jacks	Line Out: XLR (A,B), Phone (A, B),
Guitar Ch.	Hi/Piezo, Low /Active		Pre-EQ/Post-Eff ( Select), Effect (Send,
Control (Front)			Return), Footswitch (Reverb, Chorus)
Mic/Aux Ch.	Source (Mic/Aux)	Dimensions	646(W) x 533 (H) x 298 (D)mm
	HPF, Chorus, Reverb (On/Off),		(25-7/16 $\frac{1}{2}$ x 21 $\frac{1}{2}$ x 113/4 $\frac{1}{2}$ )
	Volume, Bass, Middle, Treble	Weight	25kg (55 lbs 2 oz)
Guitars Ch.	Shape, HPF, Chorus, Reverb (On/Off),		
	Volume, Bass Middle, Treble, Anti		
	Feedback		
	(On/Off), Frequency		