



Nashville – Music City - USA

32Cpre+
500 Series Module
User Guide

Introduction

Welcome to the Harrison family of 500 series modules and thank you for your purchase of the 32Cpre+ module. All Harrison 500 series modules are compatible with the API 500 format rack systems.

The 32Cpre+ will be a tremendous asset to your studio workflow and recording process.

The 32Cpre+ includes a classic transformer coupled mic preamp design that provides warm yet extremely accurate results. This preamp design uses state of the art component technologies while preserving the sound quality found on 100's of hit records produced over the decades.

The 32Cpre+ also includes a set of legendary Harrison High Pass and Low Pass filters that have been a mainstay in classic Harrison console designs for the past 50 years.

A front panel XLR and HiZ instrument connector is provided allowing easy and fast connectivity when a different microphone or instrument is needed in a pinch.

With your new 32Cpre+ module your recordings will instantly have a punch and smoothness that only comes with high performance analog circuit design along with decades of experience in professional audio product design and development.

This module has been specifically designed to operate in a 500 format rack such as the API lunch box or equivalent. In common with many such modules, the nominal input / output operating level is +4 dBu.

Thank you!
The Harrison Team

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HP and LP Filters

The classic 32Cpre+ filters are switched into the signal path with the **IN** button.

These filters have 12dB/octave slope with the 3 dB corner frequency.

- High Pass Filter: corner frequency range 25 Hz – 3.1 KHz
- Low Pass Filter: corner frequency range 160 Hz – 20 KHz

Note: The frequency ranges of the filters overlap considerably, as on our original 32C console. It is thus possible to adjust the controls such that no signal passes through. Control room pranksters have been delighted by this feature for more than 4 decades.

Transformer Preamp

The 32Cpre+ sports a classic transformer coupled mic preamplifier. This time tested preamp design has been used in professional studios for the past 50 years.

The preamp provides +20 to +70dB of smooth gain with the -20 (Pad) switch not selected.

Front Panel Combo Connector

The combo XLR with 1/4" jack connector lets you plug a microphone or instrument into the 32Cpre+ directly without having to access the rear panel of the 500 rack. This allows your main input source to be connected at all times while



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being able to quickly connect an alternate input such as another microphone choice or an instrument.

The **HiZ** switch selects the unbalanced 1/4" instrument input as the alternate source for the module.

The **xlr** switch selects the alternate balanced front panel XLR connector as the input source.

Other Functions

The **48v** switch activates phantom power to the rear and front XLR connectors.

The **-20** switch applies a 20dB pad to the input signal just prior to the preamp gain.

The **∅** reverses the polarity of the input signal.

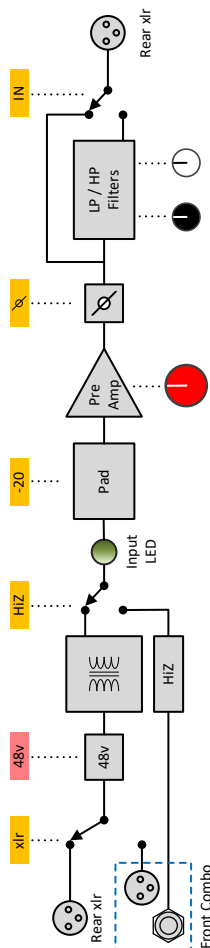
The **INPUT** led, meters the input level with a bi-color signal-present LED indicating activity and clipping of the module source.

Use

Try your new 32Cpre+ on any kind of input source. Use it on vocals, drums, acoustic or electric guitars, keyboards etc. etc. Discover what a well crafted preamp and filter front end system can add to your arsenal the same way 100's of legendary engineers did using Harrison consoles through the decades.

Enjoy!

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