

# JOEMEEK VC7

- dual channel impedance matching mic pre amplifier



The **JOEMEEK** VC7 embodies the best of transformer mic pre amplifier design, along with a unique and useful impedance matching feature

## The VC7

The **JOEMEEK** VC7 offers two high performance, transformer coupled mic pre amplifiers in a single unit, with additional features not found on other units. As well as phase reverse, input and output gain, and a switchable Sallen and Key high pass filter, the VC7 offers a unique microphone impedance matching facility that allows the engineer to 'tune' a microphone to maximise performance or suit a situation.

## The VC7 principle

It's **JOEMEEK** Company theory that 'big' sounds are only possible if the recording process keeps the response and phase of the lower frequencies flat and under control. The **JOEMEEK** VC7 achieves this by maintaining an extended frequency range down below 8Hz (when the filter is selected to 'flat'). This ensures that there are no sudden phase shifts in the low end. The proof of the theory is that the sound from the VC7 is characteristically full bodied and rounded in character. Such extreme LF response can often bring its own problems so a precision high pass filter with a suitable range of frequencies is fitted per channel.

Dual transformer coupled mic pre amplifiers for supreme sound quality and depth

'Superbal' balanced XLR line outputs

Robust 48V phantom power on appropriate impedance settings

Additional balanced M&S encoded outputs for monitoring M&S recordings, or decoding/encoding

Unique mic impedance matching feature per channel, allows the user to optimise the sound from any microphone

Selectable Sallen and key high pass filter at 25,50,75,100Hz, Phase reverse switch, indicator, and overload indicator per channel

## Special Features

The feature that really sets the VC7 apart from other custom pre amplifiers is the mic impedance matching facility that can be used as a precision trim, or an artistic effect. The VC7 offers the following options:

- '50ohm' Classic microphones with 50 ohm impedance;
- '200 ohm' Use this position for all conventional 200 ohm microphones which do not require phantom power.
- 'LOW Ph' This setting is designed specifically for modern capacitor microphones with solid state head amplifiers.
- '200Ph' Setting for most phantom powered capacitor microphones.
- '600Ph' Is for other capacitor microphones which have source impedances from 250 ohms up to 600 ohms.

The VC7 also comes equipped with M&S outputs that may be used to convert a Left/Right signal into middle and side, or, when using an M&S microphone, the VC7 will enable you to monitor in L/R while recording in M&S.

## VC7 History

The **JOEMEEK** VC7 is a development of historic tried and tested circuits and designs from the 1960's to the present day, combined in a dual channel outboard rack unit. It gives accurate matching of microphone to amplifier that is not possible with other microphone amplifiers. This is in addition to its most important feature, a characteristically warm yet open sound, that can be tuned to match any microphone. In short the VC7 represents the best design features of any mic pre amplifier, as well as some extended useful features that are unique to this model.

*"Anyone not able to try this unit would be at a loss, there are no gimmicks here, just quality and flexibility at a good price.  
Paul White, Sound on Sound"*

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