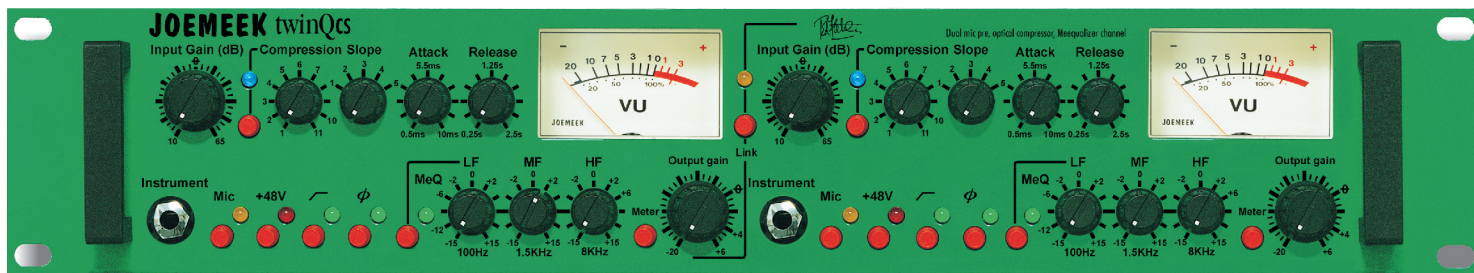


JOEMEEK TwinQcs Dual Studio Channel

- dual professional mic pre, optical compressor and Meequalizer channel



For Dual tracking and live sound applications, the TwinQ offers superb sonic performance with a distinctly 'British' flavour.



For use in a professional studio or in live sound, the TwinQ offers JOEMEEK's finest audio interface in a compact, dual channel format. In each TwinQ channel is the amazing and unique 'CurrentSense' mic pre, a JOEMEEK optical compressor in a new dual mono/stereo format, and the Meequalizer; a classic three band discrete EQ.

The TwinQ uses JOEMEEK's latest generation of 'CurrentSense' (CS) mic pre. This pre amp works differently. It is completely self-optimising to any microphone or instrument source. This means that its performance is equal to the very best mic & pre combinations, but superior to anything that is slightly unmatched in both frequency and phase response. The result is a beautifully rich and full sound from all sonic sources, i.e. from condenser to ribbon mics, to passive guitars. These days microphone impedance varies greatly, so the advantage of the CurrentSense pre amplifier can be heard instantly. As well as balanced mic and line inputs on the rear panel, there is also a specially optimised instrument input on the front of each channel.

After the mic pre, the famous JOEMEEK optical compressor controls dynamics while adding

amazing warmth. The TwinQ allows dual mono or stereo optical compression modes. The linking of the photocells, with no possibility of stereo image shift is another first. This means that the TwinQ is just as effective at compressing mixes and subgroups as well as individual tracks. When the new 'optical link' button is pressed, all control of the stereo compressor is handed to the left channel, allowing easy manipulation of the compressed signal. Metering is also excellent, with large VU meters showing either input gain, or gain reduction on each channel.

To finish the sound, the 3 band discrete Meequalizer adds tonal control. Being a classic design, super smooth EQ results are achieved, where it is possible to add large levels of boost or cut without the distracting harshness associated with digital or modern desk EQs.

For connecting to the studio, the TwinQ has 'superbal' floating balanced XLR and Jack outputs. In addition, the TwinQ is digital upgradable with JOEMEEK's VC1QD digital board to a 24bit 96KHz stereo output.

The TwinQ offers an amazing feature set while the classic British JOEMEEK sound shines through everything that you do. Whether you are tracking stereo/dual mono in the studio or making live instruments and vocals sound professional, the TwinQ will always impress performer and engineer. Once used, the TwinQ quickly becomes irreplaceable in any professional set-up.

'CurrentSense' mic pre amplifier with 48V phantom power, high pass filter and phase reverse. Instrument input for optimised direct tracking.

Photo optical JOEMEEK dual mono/stereo compressor, with 5 position 'slope' /ratio, attack, release and compression level/threshold. Link feature for stereo tracking/mixing, single set of controls in linked mode for easy use.

Classic, three band Meequalizer.

Large meter, showing compression or VU. 24bit digital output upgradable with the VC1QD digital card

JOEMEEK
COMPRESSION

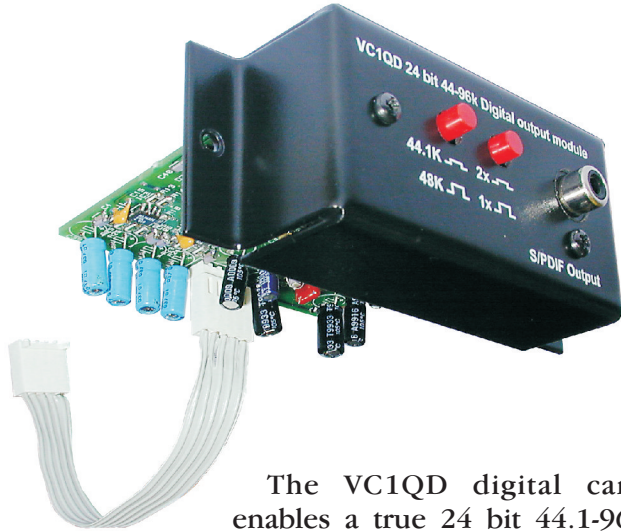
www.joemeeek.com

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JOEMEEK VC1QD Digital upgrade module

- Dual channel high performance digital output module



The VC1QD digital card enables a true 24 bit 44.1-96k digital S/PDIF output directly from the selected JOEMEEK products.

With the VC1Qcs and TwinQ products the VC1QD offers an ideal 'direct to computer' digital tracking solution, the VC1QD output enables a minimalist signal path to a recording that is fully featured, with superb mic pre amplification, optical compression, Meequalization, and enhancment/de-ess. The analogue outputs are also enabled, allowing zero latency monitoring, while the computer captures the digital signal.

Controls

The VC1QD offers simple operation: A basic rate selection of 44.1/48k on a pushbutton, and a x2 pushbutton enabling higher sample rates. Unlike some pretend 96k equipment that merely 'doubles up' samples to achieve a 96k rate, the VC1QD offers true double speed operation, and the extended frequency response that these high sample rates can capture. Headroom is plentiful with full 24bit resolution, so capturing highly dynamic material is no problem.

VC1QD features

True 24/96 operation

Transformer balanced output, giving AES/EBU operation with a simple adapter.

Easy fitting to existing JOEMEEK equipment

No drivers or configuration needed.

The digital signal level is arranged so that 0dB on the VU meter represents a digital level 12dB below clipping. (when the output gain control is set at '0').

Fitting... Easy as 123...

The VC1QD is available pre fitted to selected JOEMEEK products, but is also available separately for user installation. The digital output kit consists of the digital unit and a short 5 way ribbon cable fitted with 2 connectors. Installation is safe and easy. There are no drivers to load or components to configure. A stable digital output can be achieved in minutes.



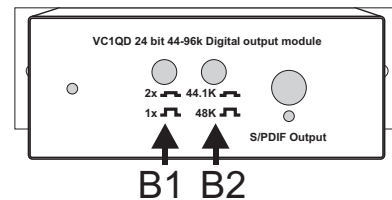
photo showing user installation of module to a VC1Q

Digital Specification:

- Output S/PDIF 24bit at 44.1/48, 88.2/96KHz
- Transformer balanced output

Analogue Specification:

- Dynamic range: 115dB
- System noise: 96dB below operating level.
- Harmonic distortion less than 0.006% at normal operating level



Sample rate	B1	B2
44.1KHz	OUT	IN
48KHz	OUT	OUT
88.2KHz	IN	IN
96KHz	IN	OUT

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