

# JOEMEERK

## PRODUCT GUIDE



# twinQ<sub>2</sub>

## DUAL STUDIO CHANNEL

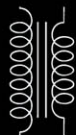


MIX IN STEREO

### FEATURES



**ULTRA CLEAN MICROPHONE PREAMPLIFIER**  
World-class microphone preamplifier using a top-quality Cinemag microphone transformer



**"IRON" SWITCH**  
Sends the Line input through the Mic transformer, to add coloration



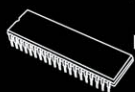
**FULL FEATURED OPTICAL COMPRESSOR**  
with Compressor Link for Stereo Applications



**LARGE, ACCURATE VU METERING**  
quick monitoring of level & gain reduction



**24 BIT 96K ANALOG - DIGITAL CONVERTERS**  
with AES/EBU, S/PDIF, Optical & Word Clock



**BALANCED & UNBALANCED I/O**  
for proper interface with any system



**FRONT PANEL INSTRUMENT INPUT**  
to use as a DI during sessions



**HIGHLY MUSICAL THREE BAND EQ**  
with Sweep LF & MF, Selectable HF (6k & 12k)



**INTUITIVE PANEL LAYOUT**  
for "transparent" use while recording

### SPECIFICATIONS

INPUT IMPEDANCES:	Mic: 1.2kohm; Line: 10k ohm
PRE-AMP OVERALL GAIN:	-2dB to 60dB
COMMON MODE REJECTION:	70dB
EQUIVALENT INPUT NOISE:	-128.5dBu (unweighted)
DISTORTION:	0.001% (below compressor threshold)
FREQUENCY RESPONSE:	10 Hz to 70 Hz (-3dB)
MAXIMUM INPUT (BEFORE CLIP):	Mic: +24 dBu; Line: 45dBu
MAXIMUM OUTPUT (BEFORE CLIP):	+29dBu
COMPRESSOR THRESHOLD:	-6dBu to +22dBu (variable)
COMPRESSOR RATIO:	1:1 to 10 :1
COMPRESSOR ATTACK TIME:	1 msec to 100 msec (adaptive)
COMPRESSOR RELEASE TIME:	0.1 sec to 3 sec (adaptive)
NOMINAL OUTPUT LEVELS:	+4dBu/-10dBv
OUTPUT IMPEDANCE:	75ohm
OUTPUT LEVEL SWITCH:	12dB attenuation
NOISE FLOOR:	-85dBu (typical, with ~40db mic gain)
HIGH PASS FILTER	12 dB per octave cut below 80Hz
EQ BOOST & CUT	+/- 15 dB (zero phase shift bell response)
LF FREQUENCY	40Hz to 650 Hz (variable)
MID FREQUENCY:	300Hz to 5kHz (variable)
HF FREQUENCY:	6kHz/ 12kHz (switchable)
SAMPLING:	24 Bit
SAMPLING RATE:	44.1kHz, 48kHz, 88.2 or 96kHz (selectable)
OUTPUT FORMATS:	AES3 compliant (balanced), S/PDIF electrical & optical
EXTERNAL WORD CLOCK INPUT:	750ohm 1.2V to TTL level, 44.1kHz to 96 kHz
WORD CLOCK OUTPUT:	75ohm, TTL level, 44.1kHz to 96kHz



# oneQ2

## MASTER CHANNEL



TAKE TOTAL CONTROL OF YOUR SOUND

### FEATURES



**ULTRA CLEAN MICROPHONE PREAMPLIFIER**  
World-class microphone preamplifier using a top-quality Cinemag microphone transformer



**HIGHLY MUSICAL FOUR BAND EQ**  
with Sweep LM & HM, Selectable LF & HF



**FULL FEATURED OPTICAL COMPRESSOR**  
with Compressor Link for Stereo Applications



**DE-ESSER WITH LISTEN FUNCTION**  
for quick, precise elimination of sibilance



**LARGE, ACCURATE VU METERING**  
for quick monitoring of level & gain reduction



**"IRON" SWITCH**  
Sends the Line input through the Mic transformer, to add coloration



**FRONT PANEL INSTRUMENT INPUT**  
to use as a DI during sessions



**XLR INPUTS FRONT AND REAR**  
for easy Session set-up



**HARMONIC ENHANCER**  
adds definition without gain increase



**24 BIT 96K ANALOG - DIGITAL CONVERTERS**  
with AES/EBU, S/PDIF, Optical & Word Clock

### SPECIFICATIONS

<b>INPUT IMPEDANCES:</b>	Mic: 1.2kohm; Line: 10k ohm
<b>PRE-AMP OVERALL GAIN:</b>	-2dB to 60dB
<b>COMMON MODE REJECTION:</b>	70dB
<b>EQUIVALENT INPUT NOISE:</b>	-128.5dBu (unweighted)
<b>DISTORTION:</b>	0.001% (below compressor threshold)
<b>FREQUENCY RESPONSE:</b>	10 Hz to 70 Hz (-3dB)
<b>MAXIMUM INPUT (BEFORE CLIP):</b>	Mic: +24 dBu, 45dBu
<b>MAXIMUM OUTPUT (BEFORE CLIP):</b>	+29dBu
<b>COMPRESSOR THRESHOLD:</b>	-6dBu to +22dBu (variable)
<b>COMPRESSOR RATIO:</b>	1:1 to 10:1
<b>COMPRESSOR ATTACK TIME:</b>	1 msec to 100 msec (adaptive)
<b>COMPRESSOR RELEASE TIME:</b>	0.1 sec to 3 sec (adaptive)
<b>NOMINAL OUTPUT LEVELS:</b>	+4dBu/-10dBv
<b>OUTPUT IMPEDANCE:</b>	100ohm
<b>OUTPUT LEVEL SWITCH:</b>	12dB attenuation
<b>NOISE FLOOR:</b>	-85dBu (typical, with -40db mic gain)
<b>HIGH PASS FILTER:</b>	12 dB per octave cut below 80Hz
<b>EQ BOOST &amp; CUT:</b>	+/- 15 dB (zero phase shift bell response)
<b>LF FREQUENCY:</b>	80Hz to 120 Hz (switchable)
<b>LOW MID FREQUENCY:</b>	120Hz to 10kHz (variable)
<b>HIGH MID FREQUENCY:</b>	600Hz to 2kHz (variable)
<b>HF FREQUENCY:</b>	7kHz/ 14kHz (switchable)
<b>EQUALIZER "Q":</b>	0.9 (1.6 octaves)
<b>SAMPLING:</b>	24 Bit
<b>SAMPLING RATE:</b>	44.1kHz, 48kHz, 88.2 or 96kHz (selectable)
<b>OUTPUT FORMATS:</b>	AES3 compliant (balanced), S/PDIF electrical & optical
<b>EXTERNAL WORD CLOCK INPUT:</b>	750ohm 1.2V to TTL level, 44.1kHz to 96 kHz
<b>WORD CLOCK OUTPUT:</b>	75ohm, TTL level, 44.1kHz to 96kHz

# sixQ<sub>2</sub>

## STUDIO CHANNEL



OPTICAL DEFINITION AT YOUR FINGERTIPS

### FEATURES



**ULTRA CLEAN MICROPHONE PREAMPLIFIER**  
World-class microphone preamplifier using a top-quality Cinemag microphone transformer



**HIGHLY MUSICAL THREE BAND EQ**  
with Sweep LF & MF, Selectable HF (6k & 12k)



**FULL FEATURED OPTICAL COMPRESSOR**  
with settings from "silk" to "in your face!"



**ACCURATE LED METERING**  
for quick monitoring of level & gain reduction



**"IRON" SWITCH**  
Sends the Line input through the Mic transformer, to add coloration



**24 BIT 96K ANALOG - DIGITAL CONVERTERS**  
with Optical & S/PDIF



**BALANCED & UNBALANCED I/O**  
for proper interface with any system



**FRONT PANEL INSTRUMENT INPUT**  
to use as a DI during sessions

### SPECIFICATIONS

<b>INPUT IMPEDANCES:</b>	Mic: 1.2kohm,; Line: 10k ohm
<b>PRE-AMP OVERALL GAIN:</b>	-2dB to 60dB
<b>COMMON MODE REJECTION:</b>	70dB
<b>EQUIVALENT INPUT NOISE:</b>	-128.5dBu (unweighted)
<b>DISTORTION:</b>	0.001% (below compressor threshold)
<b>FREQUENCY RESPONSE:</b>	10 Hz to 70 Hz (-3dB)
<b>MAXIMUM INPUT (BEFORE CLIP):</b>	Mic: +24 dBu; Line: 45dBu
<b>MAXIMUM OUTPUT (BEFORE CLIP):</b>	+29dBu
<b>COMPRESSOR THRESHOLD:</b>	-6dBu to +22dBu (variable)
<b>COMPRESSOR RATIO:</b>	1:1 to 10 :1 (variable)
<b>COMPRESSOR ATTACK TIME:</b>	1 msec to 100 msec (adaptive)
<b>COMPRESSOR RELEASE TIME:</b>	0.1 sec to 3 sec (adaptive)
<b>NOMINAL OUTPUT LEVELS:</b>	+4dBu/-10dBv
<b>OUTPUT IMPEDANCE:</b>	75ohm
<b>OUTPUT LEVEL SWITCH:</b>	12dB attenuation
<b>NOISE FLOOR:</b>	-85dBu (typical, with ~40db mic gain)
<b>HIGH PASS FILTER</b>	12 dB per octave cut below 80Hz
<b>EQ BOOST &amp; CUT:</b>	+/- 15 dB (zero phase shift bell response)
<b>LF FREQUENCY</b>	40HZ to 650 Hz (variable)
<b>MID FREQUENCY:</b>	300Hz to 5kHz (variable)
<b>HF FREQUENCY:</b>	6kHz/ 12kHz (switchable)
<b>SAMPLING:</b>	24 Bit
<b>SAMPLING RATE:</b>	44.1kHz, 48kHz, 88.2 or 96kHz (selectable)
<b>OUTPUT FORMATS:</b>	S/PDIF electrical, S/PDIF optical



# threeQ

## DESKTOP CHANNEL



### SPECIFICATIONS

INPUT IMPEDANCES:	Mic: 1.2kohm; Line: 20 k ohm
PRE-AMP OVERALL GAIN:	0dB to 60dB
COMMON INPUT NOISE:	70dB
EQUIVALENT INPUT NOISE:	-128.5dBu (unweighted)
DISTORTION:	0.001% (below compressor threshold)
FREQUENCY RESPONSE:	10 Hz to 70 Hz (-3dB)
MAXIMUM INPUT (BEFORE CLIP):	Mic: +19.5dBu; Line: +44.5dBu
HEADROOM (BEFORE CLIP):	+19.5dBu
COMPRESSOR THRESHOLD:	-6dBu to +22dBu (variable)
COMPRESSOR RATIO:	5:1 (typical)
COMPRESSOR ATTACK TIME:	1 msec to 100 msec (adaptive)
COMPRESSOR RELEASE TIME:	0.1 sec to 3 sec (adaptive)
EQ BOOST AND CUT:	+/-15 DBu (zero phase shift bell response)
LF FREQUENCY:	80Hz fixed
MID FREQUENCY:	300Hz to 5kHz variable
HF FREQUENCY:	12kHz fixed
NOMINAL OUTPUT LEVELS:	+4dBu/-10dBu
OUTPUT IMPEDANCE:	75ohm
OUTPUT LEVEL SWITCH:	12db attenuation
NOISE FLOOR:	-85dBu (typical, with 0db mic gain)
VU METER:	8 segment bargraph
POWER SUPPLY:	12V ac mains adaptor
POWER CONSUMPTION:	12W
MECHANICAL:	220W x 44H x 180D (overall)
WEIGHT:	1 Kilo

# mc2

## STEREO COMPRESSOR



### SPECIFICATIONS

INPUT IMPEDANCES:	Line: 20kohm
PRE-AMP OVERALL GAIN:	-6dB to 15dB
COMMON INPUT MODE REJECTION	70dB
EQUIVALENT INPUT NOISE:	-95dBu (unweighted)
DISTORTION:	0.001% (below Compressor threshold)
FREQUENCY RESPONSE:	10Hz to 70kHz (-3dB)
MAXIMUM INPUT (BEFORE CLIP):	+19.5dBu
HEADROOM (BEFORE CLIP):	+19.5dBu
COMPRESSOR THRESHOLD:	-6dBu to +22dBu (variable)
COMPRESSOR RATIO:	1:1 to 10:1 (variable)
COMPRESSOR ATTACK TIME:	1 msec to 100 msec (adaptive)
COMPRESSOR RELEASE TIME:	0.1 sec to 3 sec (adaptive)
GR HOLD THRESHOLD:	-10dBu to -50dBu (variable)
STEREO WIDTH RANGE:	Mono/stereo/wide stereo (variable)
GR METER/VU METER:	8 Segment bargraph
NOMINAL OUTPUT LEVELS:	+4dBu/-10dBv
OUTPUT IMPEDANCE:	75ohm
OUTPUT LEVEL SWITCH:	12dB attenuation
NOISE FLOOR:	-95dBu (typical, with 0dB Input and Make Up gain)
VU METER:	8 segment bargraph
POWER SUPPLY:	12V ac mains adaptor
POWER CONSUMPTION:	12W
MECHANICAL:	220W x 44H x 180D (overall)
WEIGHT:	1 kilo



# floorQ



## FEATURES



### FULL FEATURED OPTICAL COMPRESSOR

A professional studio compressor in compact pedal format.



### ULTRA CLEAN PREAMPLIFIER

## SPECIFICATIONS

INPUT IMPEDANCES:	6.8Mohm
PRE-AMP GAIN:	0dB to +20dB (variable)
EQUIVALENT INPUT NOISE	-94dBu (unweighted)
DISTORTION:	0.001% (below compressor threshold)
FREQUENCY RESPONSE:	15 Hz to 20 kHz (-3dB)
MAXIMUM INPUT (BEFORE CLIP):	+19.5dBu
HEADROOM (BEFORE CLIP):	+19.5dBu
COMPRESSOR THRESHOLD:	-6 dBu to +22dBu (variable)
COMPRESSOR RATIO:	1:1 to 10 :1 (variable)
COMPRESSOR ATTACK TIME:	1 msec to 100 msec (adaptive)
COMPRESSOR RELEASE TIME:	0.1 sec to 3 sec (adaptive)
NOMINAL OUTPUT LEVELS:	0dBu
OUTPUT IMPEDANCE:	100 ohm
NOISE FLOOR:	-94dBu (typical, with 0dB Input and 0dB Output gain)
POWER SUPPLY:	9V to 18V, ac or dc



## FEATURES



### ULTRA CLEAN PREAMPLIFIER



### DISTORTION GENERATOR



### HIGHLY MUSICAL THREE BAND EQ



### DIRECT INJECT (DI) BOX



### HEADPHONE AMPLIFIER

## SPECIFICATIONS

INPUT IMPEDANCES:	6.8 Mohm
PRE-AMP GAIN:	0dB to +20dB (variable)
EQUIVALENT INPUT NOISE	-92dBu (unweighted)
DISTORTION:	0.001% (below distortion threshold)
FREQUENCY RESPONSE:	15 Hz to 20 kHz (-3dB)
MAXIMUM INPUT (BEFORE CLIP):	+19.5dBu
HEADROOM (BEFORE CLIP):	+19.5dBu
EQ BOOST AND CUT:	-15dBu to +15dBu (variable)
EQ "Q":	.9(1.6 octaves)
LF FREQUENCY:	40HZ to 350Hz (variable)
MF FREQUENCY:	150Hz to 2.55kHz (variable)
HF FREQUENCY:	500kHz to 7kHz (variable)
OUTPUT GAIN:	-infinity to 0dB
NOMINAL OUTPUT LEVEL:	0dBu
OUTPUT IMPEDANCE:	100ohm
POWER SUPPLY:	9V to 18V, ac or dc
NOISE FLOOR:	-92dBu (typical, with 0dB Input and 0dB Output gain)







Joe Meek was a man ahead of his time. From an era when the recording industry was in its infancy, he is credited with a slew of innovative techniques, many of which later became standard methods of audio engineering.

Through the course of his life, Joe changed the way recordings were made. He also had a profound effect on the role of the engineer during the recording process, and the general consensus about the proper use of recording equipment.

He so completely immersed himself in the projects he recorded that he created a new job description: engineer/producer.

A highly eccentric and very private man, Joe was among

the first to close-mic instruments, and to use compressors and preamplifiers as effects.

His later stereo recordings were groundbreaking, raising the bar for generations of engineers to follow.

Joe Meek's legacy lives on to this day, through the recordings he left behind and the green equipment that bears his name.

We hope that you use our gear to build your own legacy!



"I love Joemeek in my studio!"

Joe Vitale, world famous drummer for The Eagles, C.S.N.&Y, and Joe Walsh.



"The Joemeek gear has an intoxicating flavor all its own! We love it!"

Greg Hampton, singer, songwriter, musician and producer/arranger.

"The optical compressor could be both traditional and very expressive. Throw in every digital and analog I/O, word clock capabilities, a good pre, dynamics galore and an attractively revamped front panel interface, and the oneQ is definitely a full featured channel strip."

"the oneQ is a steal!"

Mix Magazine

"Nothing quite delivers the features, performance, and unique character combination of the oneQ"

"The oneQ is quite clearly up there with the very best front ends you're likely to encounter."

Resolution

"The sixQ has all you need to get great sounds from your microphone to your recording system"

"When I compared the sixQ's converters to the high end converters I usually use, I heard no discernible differences."

"The sixQ is very affordable and highly usable. It should be a welcome addition to studios of all sizes."

Electronic Musician

[www.joemeek.com](http://www.joemeek.com)



®

Joemeek® is part of the PMI AUDIO GROUP®

PMI Audio US: 1845 W. 169th Street, Gardena, CA 90247 TEL: (1) 310.323.9050

PMI Audio UK: 4 Minerva Court, Woodland Close, Torquay TQ2 7BD, England TEL: +44 (0) 1803.612.700

Prices and Specifications Subject to Change without Notice