

Steinberg Media Technologies GmbH

Neuer Hoeltigbaum 22-32
22143 Hamburg

URI: <http://www.steinberg.net>

Feature Comparison

Features	Cubase 5	Cubase Studio 5	Cubase Essential 5
Award-winning 32-bit floating-point audio engine	yes	yes	yes
Number of audio tracks	virtually unlimited	virtually unlimited	64
Number of MIDI tracks	unlimited	unlimited	unlimited
Instrument tracks	unlimited	unlimited	unlimited
Physical inputs/outputs	256	128	32
Group channels	256	256	256
FX Send channels	8	8	8
FX Return channels	64	64	8
VST audio effect insert slots	8	8	8
MIDI effect insert slots	4	4	4
VST instrument slots	64	32	16
VST3 plug-in support	yes	yes	yes
ReWire support	yes	yes	yes
Number of mixer views	3	2	1
Control Room	yes	no	no
Extended Channel EQ (VST3 Studio EQ)	yes	no	no
Extended Mixer view	yes	yes	no
Sidechain inputs	yes	yes	no
5.1 surround and True multichannel audio path	yes	no	no
External FX	yes	no	no
External instruments	yes	no	no
Automation modes	touch fader, x-over, autolatch, trim	touch fader	touch fader
Volume envelopes	yes	yes	no
Automation panel	yes	yes	no
Hardware controller support	yes	yes	only Houston, generic+Tascam US-428/224, Mackie Universal, HUI and CC121
Channel Batch Export function	yes	yes	no
Unlimited Undo and Redo functions	yes	yes	yes
Offline Process History	for built-in audio and all plug-ins	for built-in audio	single undo
MediaBay and VST Sound support	full	limited*	limited*
Track presets	yes	yes	yes
Studio connections	recall+audio	recall	recall
Workspaces (virtual desktops)	yes	yes	no
Project Browser	yes	yes	no

Features	Cubase 5	Cubase Studio 5	Cubase Essential 5
Recording modes: Mix, Overwrite, Normal, Merge, Stacked	yes	yes	excl. Stacked
Recording from busses	yes	yes	no
Editors: Key, List, Basic Score	yes	yes	yes
Drum Editor	yes	yes	yes
Logical Editor	yes	yes	no
Project Logical Editor	yes	no	no
Inplace Editor (MIDI editing in Project Window)	yes	yes	no
Advanced options in Tempo Editor	yes	no	no
Extended Track Inspector (shows VSTi channel for MIDI tracks)	yes	yes	yes
MIDI devices (Device Maps and Editors)	yes	no	no
Professional score layout and printing functions (incl. MusicXML Import+Export)	yes	yes	no
Arranger Track	yes	yes	yes
Global Transpose Track	yes	yes	no
Signature and tempo tracks in Project Window	yes	yes	no
VariAudio	yes	no	no
VST Expression support	yes	yes	no
AudioWarp (real-time time stretching+pitch shifting)	yes	yes	playback only
Time Warp tool	yes	yes	no
Pitch Shifting/Time Stretching algorithm	real time+MPEX	real time+MPEX	real time
Dithering	Apogee UV22HR	Apogee UV22HR	Apogee UV22HR
Key command macros	yes	yes	yes
Pool Import and Export	yes	yes	no
Track archives	yes	no	no
Extended Freeze for VST instruments and audio tracks	yes	yes	yes
Track Quick Controls	yes	yes	no
Full MP3 Fraunhofer encoding	yes	available as update	available as update
Windows Media WMA Pro encoding	yes	yes	yes
OMF import/export	yes	no	no
Sequel Project import	yes	yes	no
Number of VST MIDI effect plug-ins	18	18	18
Number of VST audio effect plug-ins	58	39	33
Number of VST instruments	8	3	2
Number of instrument sounds included	1,623	749	706
Full printed operations manual	yes	no	no
Mac OS X Universal Binary	yes	yes	yes
Multi-processing support	yes	yes	yes

Features	Cubase 5	Cubase Studio 5	Cubase Essential 5
Vista 64 native Cubase 64-bit version	yes	yes	no

* No detail search, no separate tag editor, no user tags

Plug-in Comparison

Audio plug-ins	Cubase 5	Cubase Studio 5	Cubase Essential 5	VST
AmpSimulator	yes	yes	yes	3.0
AutoPan	yes	yes	yes	3.0
Bitcrusher	yes	yes	yes	2.4
Chopper	yes	yes	yes	2.4
Chorus	yes	yes	yes	3.0
Cloner	yes	no	no	3.0
Compressor	yes	yes	no	3.0
DaTube	yes	yes	yes	2.4
DeEsser (SPL)	yes	no	no	2.4
Distortion	yes	yes	yes	3.0
DualFilter	yes	yes	yes	3.0
EnvelopeShaper	yes	no	no	3.0
Expander	yes	no	no	3.0
Flanger	yes	yes	yes	3.0
Gate	yes	yes	yes	3.0
GEQ-10	yes	no	no	3.0
GEQ-30	yes	no	no	3.0
Grungelizer	yes	yes	no	2.4
Limiter	yes	yes	yes	3.0
Maximizer	yes	yes	no	3.0
Metalizer	yes	yes	yes	2.4
MIDI Gate	yes	yes	yes	2.4
Mix6to2	yes	no	no	2.4
MixConvert	yes	no	no	3.0
ModMachine	yes	no	no	3.0
MonoDelay	yes	yes	yes	3.0
MonoToStereo	yes	yes	yes	3.0
MultibandCompressor	yes	no	no	3.0
MultiScope	yes	no	no	2.4
Octaver	yes	yes	yes	3.0
Phaser	yes	yes	yes	3.0
PingPongDelay	yes	yes	yes	3.0
PitchCorrect	yes	yes	yes	3.0
REVerence	yes	no	no	3.0
RingModulator	yes	yes	yes	2.4
Roomworks	yes	yes	no	3.0
Roomworks SE	yes	yes	yes	3.0
Rotary	yes	yes	yes	3.0
SMPTE Generator	yes	no	no	2.4
SoftClipper	yes	no	no	3.0
Standard Channel EQ	yes	yes	yes	3.0
StepFilter	yes	yes	yes	2.4
StereoDelay	yes	yes	no	3.0
StereoEnhancer	yes	yes	yes	3.0

Audio plug-ins	Cubase 5	Cubase Studio 5	Cubase Essential 5	VST
StudioChorus	yes	yes	no	3.0
StudioEQ	yes	no	no	3.0
Surround Panner	yes	no	no	3.0
Test Generator	yes	no	no	2.4
Tonic	yes	no	no	2.4
Tranceformer	yes	yes	yes	2.4
Tremolo	yes	yes	yes	3.0
Tuner	yes	yes	yes	3.0
UV22HR	yes	yes	yes	3.0
Vibrato	yes	yes	yes	3.0
VintageCompressor	yes	no	no	3.0
VSTDynamics	yes	yes	yes	3.0
WahWah	yes	yes	yes	3.0

MIDI plug-ins	Cubase 5	Cubase Studio 5	Cubase Essential 5
Arpache 5	yes	yes	yes
Arpache SX	yes	yes	no
Auto LFO	yes	yes	yes
Beat Designer	yes	yes	yes
Chorder	yes	yes	yes
Compressor	yes	yes	yes
Context Gate	yes	yes	yes
Density	yes	yes	yes
Micro Tuner	yes	yes	yes
MIDI Control	yes	yes	yes
MIDI Echo	yes	yes	yes
MIDI Modifiers	yes	yes	yes
MIDI Monitor	yes	yes	yes
Note 2 CC	yes	yes	yes
Quantizer	yes	yes	yes
StepDesigner	yes	yes	yes
Track Control	yes	yes	yes
Transformer	yes	yes	yes

Virtual instruments	Cubase 5	Cubase Studio 5	Cubase Essential 5	VST
Embracer	yes	no	no	2.4
Groove Agent ONE	yes	yes	no	3.0
LoopMash	yes	no	no	3.0
Monologue	yes	no	no	2.4
Prologue	yes	yes	yes	3.0
Spector	yes	no	no	3.0
Mystic	yes	no	no	3.0
HALion ONE	yes	yes	yes	2.4

Advanced Integration Features

Features	Cubase 5	Cubase Studio 5	Cubase Essential 5
Automatic integration through IEEE1394 (MR816 X, MR816 CSX, CC121, MOTIF XS)	yes	yes	yes
True Integrated Monitoring – 1:1 mixer mapping (MR816 X, MR816 CSX)	yes	yes	yes

Features	Cubase 5	Cubase Studio 5	Cubase Essential 5
True Integrated Monitoring – multiple studio mixes (MR816 X, MR816 CSX)	yes	no	no
Quick Connect (MR816 X, MR816 CSX)	yes	yes	yes
Monitor mixer integration (MR816 X, MR816 CSX)	yes	yes	yes
HW setup integration (MR816 X, MR816 CSX)	yes	yes	yes
Plug-in integration of DSP effects (MR816 X (REV-X only), MR816 CSX)	yes	yes	yes
VST connection presets (MR816 X, MR816 CSX)	yes	yes	yes
Plug-in integration of MOTIF XS series voice editor (MOTIF XS)	yes	yes	yes
Control Room control (CC121)	yes	no	no
AI Knob control (CC121)	yes	yes	yes
External VST3 support – MIDI+audio (MOTIF XS)	yes	yes	yes
VST instrument preset browser access (KX)	yes	yes	yes
Track Quick Controls support (KX)	yes	yes	no