

Pangolin Software Features and Comparison

Editors	QuickShow	BEYOND Essentials	BEYOND Advanced	BEYOND Ultimate
Frame editor	✓	✓	✓	✓
Advanced frame editor	✗	✗	✓	✓
Synth editor	✗	✓	✓	✓
Shape editor	✓	✓	✓	✓
Text editor	✓	✓	✓	✓
LD2000 abstract editor	✗	✗	✓	✓
Abstraction editor	✗	✓	✓	✓
Parametric image editor	✓	✓	✓	✓
Write out editor	✗	✓	✓	✓
Clock editor	✓	✓	✓	✓
Picture tracer	✗	✓	✓	✓
Realtime video tracer	✗	✗	✗	✓
DMX image	✗	✗	✓	✓
Adv Timeline editor	✗	✓	✓	✓
Play List	✗	✓	✓	✓
Multi Effect	✗	✓	✓	✓
Destination Cue	✗	✓	✓	✓
Object Animator	✗	✗	✗	✓
LC Flash	✗	✗	✓	✓
LC ADAT	✗	✗	✗	✓
Advanced Editors	QuickShow	BEYOND Essentials	BEYOND Advanced	BEYOND Ultimate
BEYOND 3D	✗	✗	✗	✓
LC MAX Plugin	✗	✗	✗	✓
LC4D Plugin	✗	✗	✓	✓
Tools	QuickShow	BEYOND Essentials	BEYOND Advanced	BEYOND Ultimate
Scanner simulation	✗	✗	✓	✓
FB4 Export	✓	✓	✓	✓
FB4 Browser	✓	✓	✓	✓
FB4 Settings	✓	✓	✓	✓
FB4 File viewer	✓	✓	✓	✓
Loop finder	✓	✓	✓	✓
Update over internet	✓	✓	✓	✓
Test patterns	✓	✓	✓	✓
Video/Audio mixdown	✗	✗	✓	✓
Performance Tuning	✗	✓	✓	✓
Resource monitor	✗	✓	✓	✓
Workspace	QuickShow	BEYOND Essentials	BEYOND Advanced	BEYOND Ultimate
Max number of pages	40	80	250	250
Page Load/Save	✗	✓	✓	✓

Grid size	10x6 & 8x8	Variable, up to 100 cues per page	Variable, up to 100 cues per page	Variable, up to 100 cues per page
Secondary grid	✘	✓	✓	✓
FX grid	12 effects, 4 rows	Up to 100 effects, up to 8 rows	Up to 100 effects, up to 8 rows	Up to 100 effects, up to 8 rows
Timeline	QuickShow	BEYOND Essentials	BEYOND Advanced	BEYOND Ultimate
Number of tracks	-	40	200	200
Number of media tracks	1	2	Unlimited	Unlimited
BUS Tracks	✘	✓	✓	✓
Video playback	✘	✓	✓	✓
Laser/Video masking	✘	✘	✓	✓
Cue List, Effect list	✘	✓	✓	✓
ST2000 shows import	✘	✓	✓	✓
Output	QuickShow	BEYOND Essentials	BEYOND Advanced	BEYOND Ultimate
FB3 SE/QS	✓	✓	✓	✓
FB4	✓	✓	✓	✓
QM2000	✘	✓ Limited 3 controllers	✓ Limited 3 controllers	✓ Limited 3 controllers
Maximum number of projectors	9	10	25	40
	*Actual amount depends on hardware, software, network configuration and conditions.			
Maximum number of zones	30	60	200	200
Distributed scanning	-	1 of 2	2 of 4	4 of 8
Projection zones - "Also to"	✘	✘	✓	✓
Projection zones - Static effects (filters)	✘	✘	✓	✓
EmuLaser	✘	✓	✓	✓
Communication	QuickShow	BEYOND Essentials	BEYOND Advanced	BEYOND Ultimate
Art-Net	✘	✓	✓	✓
DMX	✓	✓	✓	✓
	512 DMX Channels through USB Enttec Pro DMX controller(Sold separately)			
sACN	✘	✓	✓	✓
OSC	✘	✓	✓	✓
TC2000	✘	✓	✓	✓
Gamepad	✘	✓	✓	✓
CITP	✘	✘	✓	✓
UDP Command broadcast	✘	✘	✓	✓
PangoScript TCP server	✘	✘	✓	✓
Live Realtime	QuickShow	BEYOND Essentials	BEYOND Advanced	BEYOND Ultimate
Groups grid mode	✓ Limited	✓	✓	✓
Multi zone effects	✘	✓	✓	✓
Destination cue	✘	✓	✓	✓
DMX Server	✘	✘	✓	✓
4 effects in line	✘	✓	✓	✓
"Drop" effects	✘	✓	✓	✓

Effect action sliders	×	✓	✓	✓
Physics	×	✓	✓	✓
Time control tab	×	×	×	✓
Channels tab	×	✓	✓	✓
Zone level Live Control and FX	×	✓	✓	✓
ProTracks	×	×	×	✓
Kinect 1.0	×	×	×	✓ 32 bit version only
WebCam	×	×	×	✓
<b>Scripting</b>	<b>QuickShow</b>	<b>BEYOND Essentials</b>	<b>BEYOND Advanced</b>	<b>BEYOND Ultimate</b>
PangoScript Editor	×	×	✓	✓
PangoScript tab	×	×	✓	✓
MIDI to Code	×	×	✓	✓
DMX to Code	×	×	✓	✓
Keyboard to Code	×	×	✓	✓
OSC to Code	×	×	✓	✓
Object tree view	×	×	✓	✓
<b>Visualization</b>	<b>QuickShow</b>	<b>BEYOND Essentials</b>	<b>BEYOND Advanced</b>	<b>BEYOND Ultimate</b>
External visualizer supprt	×	×	✓	✓
ERP (OpenGL preview)	×	✓	✓	✓
<b>Universe</b>	<b>QuickShow</b>	<b>BEYOND Essentials</b>	<b>BEYOND Advanced</b>	<b>BEYOND Ultimate</b>
Universe	×	✓	✓	✓
Universe editing	×	×	✓	✓
Spatial effects	×	×	✓	✓
U-MAX	×	✓	✓	✓
<b>MIDI Mapping</b>	<b>QuickShow</b>	<b>BEYOND Essentials</b>	<b>BEYOND Advanced</b>	<b>BEYOND Ultimate</b>
APC Mini	✓ Fixed	✓	✓	✓
APC40 (MKII)	×	✓	✓	✓
Map Creation / Editing	×	✓ Limited	✓	✓
<b>Timecode</b>	<b>QuickShow</b>	<b>BEYOND Essentials</b>	<b>BEYOND Advanced</b>	<b>BEYOND Ultimate</b>
Art-net tc in	×	×	✓	✓
MTC/MMC in	×	✓	✓	✓
TC2000 in	×	✓	✓	✓
Synchronorm TC in	×	×	✓	✓
MTC out	×	✓	✓	✓
Art-net tc out	×	×	✓	✓
<b>Misc</b>	<b>QuickShow</b>	<b>BEYOND Essentials</b>	<b>BEYOND Advanced</b>	<b>BEYOND Ultimate</b>
Fixture, DMX groups, Multigroups	×	×	×	✓
Visual Clipboard	×	×	✓	✓