

Iridium / Quantum – Synthesizer

list of fixed bugs – new features

ATTENTION: Iridium OS versions are not compatible with the Iridium Keyboard or Quantum. Install only the intended version.

Change Log 3.2.0 Beta 1 – November 2023

- Digital Former
 - New "Formant Filter" in 3 variations
 - New "Tilt" parameter to detune amount parameter between left & right channel
 - Can be modulated
 - Level Parameter now with positive gain upto +12 dB
- LFO & Delay
 - More Sync rates
- ARP / StepSequencer
 - Step Length with Triplets and Dotted options

Bug Fixes:

- Fixing randomly switching screens within first seconds after power on

3.0 Beta 16: April 16th 2023

New Features:

- Wavetable Osc
- Reorganizing some parameters into new "Mode" sub-screen
- Now all parameters from hardware pots also available at display
- Resonator Osc
- Reorganizing some parameters into new "Exciter" sub-screen
- Now all parameters from hardware pots also available at display
- Oscs
 - New "Mix" Screen providing levels, pans and destinations for all 3 oscs – "Control" renamed to "Pitch & Tools"
- Sequencer
 - New popup selector styles for quick access
 - Increased maximum step count from 32 to 64
- Samples
 - "Mods only" option for "Track Pitch" in sample map – "Track Pitch" sample options also for Particle Osc
- LFOs
 - New "polarity" parameter for unipolar option
- Gain Staging
 - The Quantum gain staging has been adjusted to new increased polyphony of 16
- Encoder Menu
 - New popup selector styles for quick access

Bug Fixes:

FS#1700 – Missing wavetable from patch with high waveform counts
FS#1802 – Quantum-specific gain staging issue with more voices
FS#1829 – export patches incl. samples – samples are not in the designated folder
FS#1591 – Export all Patches with samples doesn't work
– Step sequencer step-recording with external MIDI devices has been fixed when those devices send Note On with velocity 0 instead of Note Off messages

3.0 Beta 14, Nov. 1st, 2022:

New Features:

- Quantum
- Added 8 additional digital-only voices to increase polyphony up to 16.
- New "Voice Allocation" mode on Layer-Voices page to choose from various analog, digital and mixed modes.
- Osc "Control" page
- New "Min Note" and "Max Note" parameters.
- For Mono Mode: New "Mono Retrig" parameter to force osc to retrigger when previous note is still in release.
- Samples
- Increasing maximum samples per round robin zone from 8 to 128
- Resonator
- "Track Pitch" option for samples to disable pitch tracking (in Samples->Edit)
- Mod Matrix
- New mod matrix presets
- Drive
- New drive type "Cuff" for FX and DigiFormer
- MIDI
- "Apply Split to Inputs" option in Global->MIDI->Inputs
- Will use keyed split ranges for incoming external midi instead of channels.
- Split points are interpreted from untransposed keyed setting i.e. middle C3 is note 60.
- "Send NRPN" option in Global->MIDI->Outputs
- Will send NRPNs for physical panel elements.
- For parameter automation please use CC as before. – No receiving of NRPN.
- Sustain & Control Pedal now adhere to local off & MIDI Out
- FS#1639 – XY pad send midi CCs
- Iridium Desktop
- New option in Global->MIDI->Inputs:
- "Latch" button will also latch incoming notes from external controller

Bug Fixes:

- System Info: Show keyed firmware info only when having poly AT keyed
- USB Midi Computer fixes esp. missing messages
- Kernel Osc retrigger kernel envelopes from release tails fixed
- VCA modulation is now applied before VCA envelope is applied
- FS#1596 – not playing all notes over usb midi
- FS#1592 – USB Midi Sustaining Notes

FS#1306 – Note off not processed
FS#1701 – USB dropped MIDI notes (monophonic midi note reception)
FS#1691 – When Iridium receives note data and midi clock over usb there are note drop outs
FS#1653 – Arpeggiator screen leaves artifacts
FS#1669 – Patch export doesn't work with colon patch names
FS#1422 – blank screen on power up – controls still working
FS#945 – Blank screen but still operating
FS#1341 – [Q] Extra notes on are send

3.0 beta 12 – 2022 – february

Bug Fixes:

FS#1431 – Folder disappears after renaming
FS#1470 – System error with usb sample
FS#1414 – Iridium patch import uses analog filter
FS#1194 – Random Blast of Noise still happens in v2.0

3.0 beta 11 – 2021 – october

Bug Fixes:

FS#1578 – Compressor CC.6
FS#1577 – System Had Fatal Error – USB memory
FS#1560 – Boot Error
FS#1565 – midi over usb stopped working
FS#1479 – Spelling of word "minutes"

3.0 beta 10 – 2021 – september

Bug Fixes:

FS#1559 – local off doesn't send midi out
FS#1552 – patch export – samples not being exported
FS#1555 – external samples are missing from backup export of patches

Sound problems fixed for first notes played after Quantum startup.

3.0 beta 9 – 2021 – september

Bug Fixes:

– Fixing loading Iridium created sounds into Quantum: Digital filter modes are now respected.

FS#1485 – Low Pass only on Dual Filter 1?
FS#1548 – Wav extension problem
FS#1230 – Positioning in list filter
FS#1119 – Global Audio Load Play Cutting Short
FS#1483 – Preview in global audio browser not working
FS#1551 – Ticket 17285 MIDI Mapping couldn't be saved

3.0 beta 8 – 2021 – march

New Features:

- MPE Compatibility
 - Activate manually in Global->MIDI->Inputs
 - Or if MPE controller sends MCM messages it will be activated automatically
 - If a second MPE zone is provided by controller, this can be used in Split mode
- Modulation Matrix
 - Copy & Paste for single modulation slots

Bug Fixes:

FS#1397 - Screen encoders stopped working
 FS#1440 - BETA 3 [29 oct] all hardware buttons dead.
 FS#1410 - Encoders and buttons stop working
 Various stability fixes.

3.0 beta 7 - 2021 - february

New Features:

- New digital Filter Model "Raiser"
- Samples
 - "Add" & "Import" action now merged
 - Option to leave samples on external disk
- Screen Pads
 - To keep compatible with Iridium patches using pads in Performance we have now on-screen pads

Bug Fixes:

FS#1444 - New Filter Types Vanish
 FS#1438 - Touching Master Volume kicks you out of the file browser
 FS#1436 - Pad Trigger Mode
 FS#1433 - Pad Trigger Sequencer mode Stopping even Running is ON
 FS#1432 - Digital Former not displaying Correct Graphic
 FS#1421 - wavetable analyze audio freeze with silent sample
 FS#1050 - Sometimes the Digital Former data, is not Displayed on the screen

2.5.4 - 2021 - march

New Features:

Reverb new parameter:

- Mod Freq
- Mod Depth
- LR Xfade

Bug Fixes:

- Improving detection of large USB drives
- Fixing initial master volume when pot mode is not immediate.

FS#1379 - Modulation assignment leading to empty MOD MATRIX row

FS#1402 - Modulation of warp not working for noise

FS#1398 - Modulation of Filter level not ok

2.5.3 - 2021 - january

New Features:

CV Clock divider setting in Global->MIDI->Sync

Bug Fixes:

Plop noise on audio output for some devices.

FS#1356 - CV Clock In Not Working

2.5.2 - 2020 - october

Bug Fixes:

FS#1356 - CV Clock In Not Working

FS#1347 - Global>Audio>Rec Source=Aux Redundant

FS#1346 - Panel LFO Speed control does not follow Sync setting

FS#1304 - Load - highlighted patch not clickable on revert

FS#1222 - USB detection failed