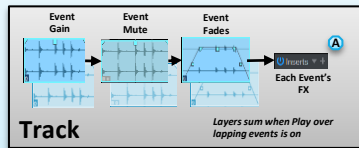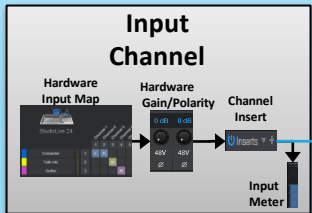# Studio One Pro 5.0 Audio Flow
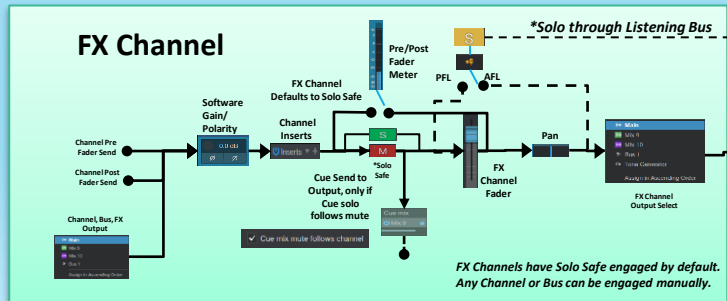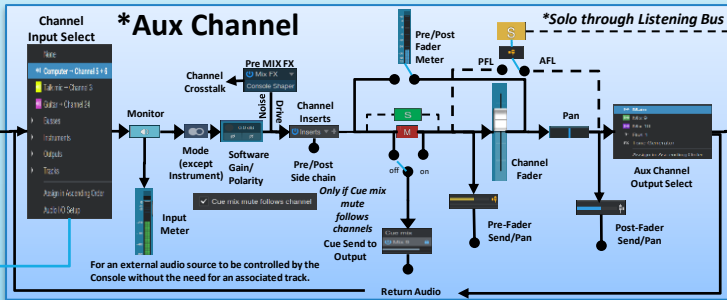
*New in 5.0

Export Channel Stem

Export Mix/ Track Stem (Main Output)

Track

Event Gain · Event Mute · Event Fades

Each Event's FX

A

Layers sum when Play over lapping events is on

Channel

Channel Input Select

Name
Computer – Channel 5 + 6
Talk mic – Channel 5
Guitar – Channel 24
Busses
Instruments
Outputs
Tracks
Assign In Ascending Order
Audio I/O Setup

Channel Crosstalk

Pre MIX FX · Mix FX · Console Shaper

Noise · Drive

Monitor

Mode (except Instrument)

Software Gain/ Polarity

Channel Inserts

Input Meter

Pre/Post Side chain

Cue mix mute follows channel

Pre/Post Fader Meter

PFL · AFL

S · M

*Solo through Listening Bus

Channel Fader

Pan

Channel Output Select

Pre-Fader Send/Pan

Post-Fader Send/Pan

off · on

Only if Cue mix mute follows channels

Cue Send to Output

Return Audio

Main/Output Bus

Post MIX FX Summing · Mix FX · Console Shaper

Meter

Pre/Post Fader Meter

Pre Insert

S · M

Post Insert

Mode S/M

Output Fader

Metronome

Interface Output L/R
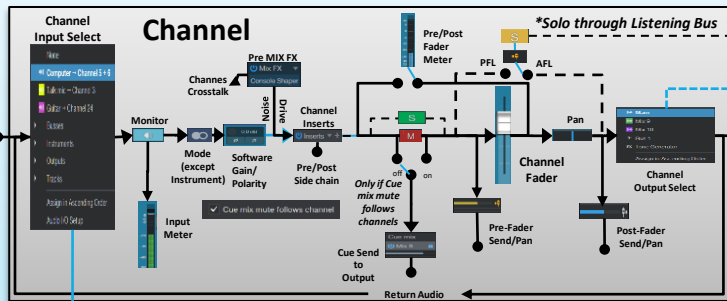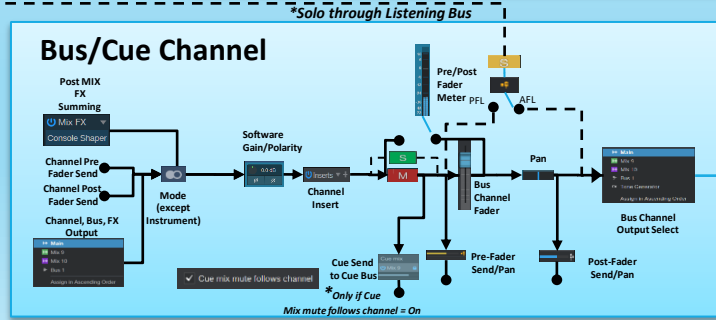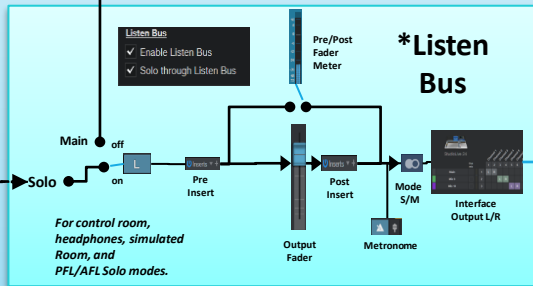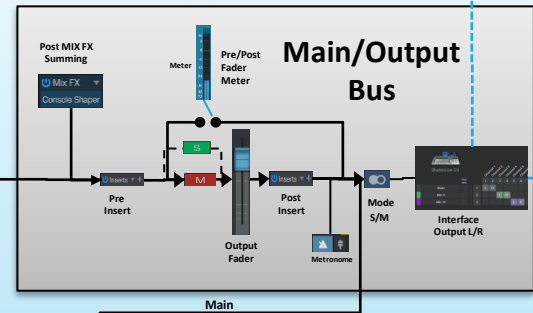
Main

Pool (Clip)

*Clip Gain Envelope

ARA

Mutually exclusive

*Note that Clip Gain Envelopes are Clip-based. Any changes made to an Audio Event will affect all instances of that Audio Event everywhere it is used:
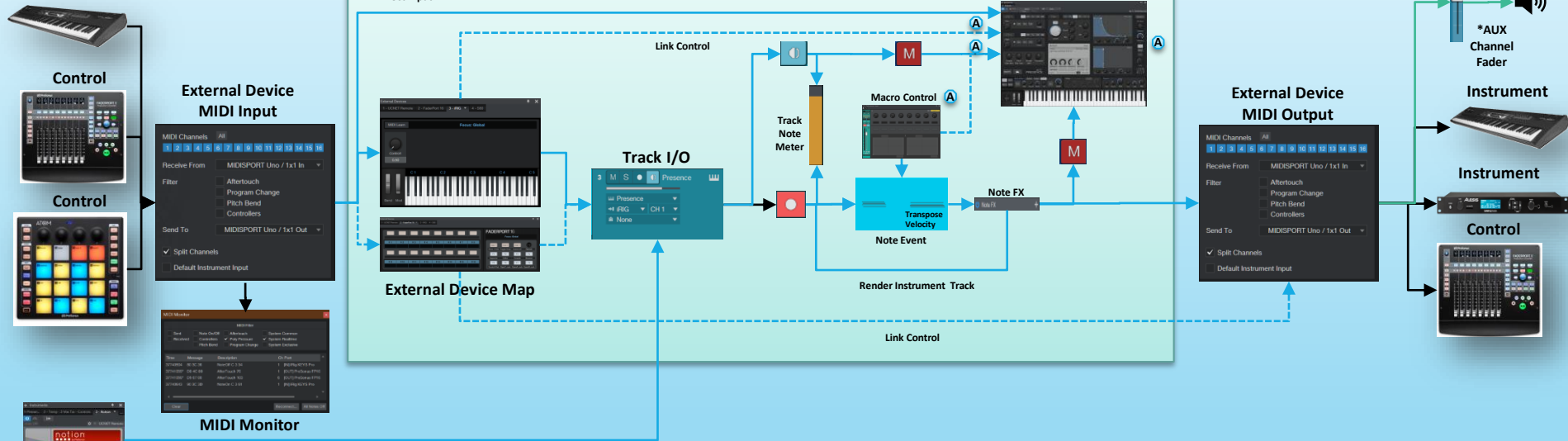
Track 1.wav

Play

Record

Storage (Pool Files)

- Channels or
- Buses

*Aux Channel

Channel Input Select

Name
Computer – Channel 5 + 6
Talk mic – Channel 5
Guitar – Channel 24
Busses
Instruments
Outputs
Tracks
Assign In Ascending Order
Audio I/O Setup

Channel Crosstalk

Pre MIX FX · Mix FX · Console Shaper

Noise · Drive

Monitor

Mode (except Instrument)

Software Gain/ Polarity

Channel Inserts

Input Meter

Pre/Post Side chain

Cue mix mute follows channel

Pre/Post Fader Meter

PFL · AFL

S · M

*Solo through Listening Bus

Channel Fader

Pan

Aux Channel Output Select

Pre-Fader Send/Pan

Post-Fader Send/Pan

off · on

Only if Cue mix mute follows channels

Cue Send to Output

For an external audio source to be controlled by the Console without the need for an associated track.

Return Audio

*Listen Bus

Listen Bus
✓ Enable Listen Bus
✓ Solo through Listen Bus

Main · off · on

Solo

L

Pre Insert

Pre/Post Fader Meter

S · M

Post Insert

Mode S/M

Output Fader

Metronome

Interface Output L/R

For control room, headphones, simulated Room, and PFL/AFL Solo modes.

Input Channel

Hardware Input Map

Hardware Gain/Polarity

0dB · 0dB · 48V · 48V

Channel Insert

Inserts

Input Meter

Splitter 1

Dual Pan · Dual Pan

Compressor · Compressor

All Inserts flow Normal/ Channel/ Freq Split Mode

FX Channel

*Solo through Listening Bus

Channel Pre Fader Send

Channel Post Fader Send

Channel, Bus, FX Output

Main
Mix 6
Mix 10
Bus 1

Software Gain/ Polarity

Channel Inserts

FX Channel Defaults to Solo Safe

Pre/Post Fader Meter

PFL · AFL

S · *Solo Safe · M

FX Channel Fader

Pan

Main
Mix 6
Mix 10
Bus 1
Tone Generator
Assign In Ascending Order

FX Channel Output Select

Cue Send to Output, only if Cue solo follows mute

Cue mix mute follows channel

FX Channels have Solo Safe engaged by default. Any Channel or Bus can be engaged manually.

Bus/Cue Channel

*Solo through Listening Bus

Post MIX FX Summing · Mix FX · Console Shaper

Channel Pre Fader Send

Channel Post Fader Send

Channel, Bus, FX Output

Main
Mix 6
Mix 10
Bus 1
Assign In Ascending Order

Mode (except Instrument)

Software Gain/Polarity

Channel Insert

Pre/Post Fader Meter

PFL · AFL

S · M

Bus Channel Fader

Pan

Main
Mix 6
Mix 10
Bus 1
Tone Generator
Assign In Ascending Order

Bus Channel Output Select

Cue Send to Cue Bus

*Only if Cue Mix mute follows channel = On

Pre-Fader Send/Pan

Post-Fader Send/Pan

Cue mix mute follows channel

Studio One 5.0 MIDI/Note/Control Flow

New in 5.0

Keyboard (*Poly Pressure/ MPE)

Control

Control

External Device MIDI Input

MIDI Channels   All
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

Receive From   MIDISPORT Uno / 1x1 In

Filter   Aftertouch
              Program Change
              Pitch Bend
              Controllers

Send To   MIDISPORT Uno / 1x1 Out

✓ Split Channels
  Default Instrument Input

External Device Map

Direct Input

Link Control

Track I/O

3 M S ● ◀ Presence
  ● Presence
  ◀ FBG   CH 1
  ● None

Track Note Meter

Macro Control Ⓐ

Transpose Velocity

Note Event

Note FX
Note FX

Software Instrument Ⓐ

Ⓐ
Ⓜ Ⓐ

Ⓜ

Render Instrument Track

Link Control

MIDI Monitor

Rewire MIDI In

Note: Rewire is being retired in 2020. Although Studio One supports Rewire, it does not install Rewire. If you are using Rewire it came from another package. V5 requires at least version 1.8.7.

- *Custom device support for ROLI (Seaboard Block, Seaboard RISE25 / RISE49)
- *Aux Channel Link option for External Instruments
- *MTC/MMC slave sync option to chase external timecode

External Device MIDI Output

MIDI Channels   All
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

Receive From   MIDISPORT Uno / 1x1 In

Filter   Aftertouch
              Program Change
              Pitch Bend
              Controllers

Send To   MIDISPORT Uno / 1x1 Out

✓ Split Channels
  Default Instrument Input

*AUX Channel Fader

Instrument

Instrument

Control

MIDI In/Out Data   ➔

Presonus Control Data   ⇢

Presonus Note Data   ➔

Automate CC, Macro, Audio   Ⓐ

UCNET Control Remote no shown