Live Festival template

The Live Festival template, complete of utility snapshots and layouts, offer a ready to go deployment of the Prodigy.MP with the following:

INPUTS

4 Sets of consoles with up to 4 channels each (L, R, Sub, Fills)
4 Stereo Inputs with full processing
4 Mono Inputs with full processing
1 EVAC signal
1 Mic to be sent to Smaart
1 Pink Noise to Smaart
1 Pink Noise to PA

PA OUTPUTS

With full processing (IIR EQs, FIR EQs, Dynamics, Delay)

Main Left & Right
Outfills Left & Right
Frontfills 1
Frontfills 2
Sub 1
Sub 2
Delay 1
Delay 2
Delay 3
Delay 4
PA Aux 1
PA Aux 2
PA Aux 3
PA Aux 4

With clean signals (no processing)

Clean Left
Clean Right
Clean Sub
Clean Fills

RECORDING / BROADCAST OUTPUTS

With full processing (IIR EQs, FIR EQs, Dynamics, Delay)

Recording Left & Right
Recording Mono1
Recording Mono2
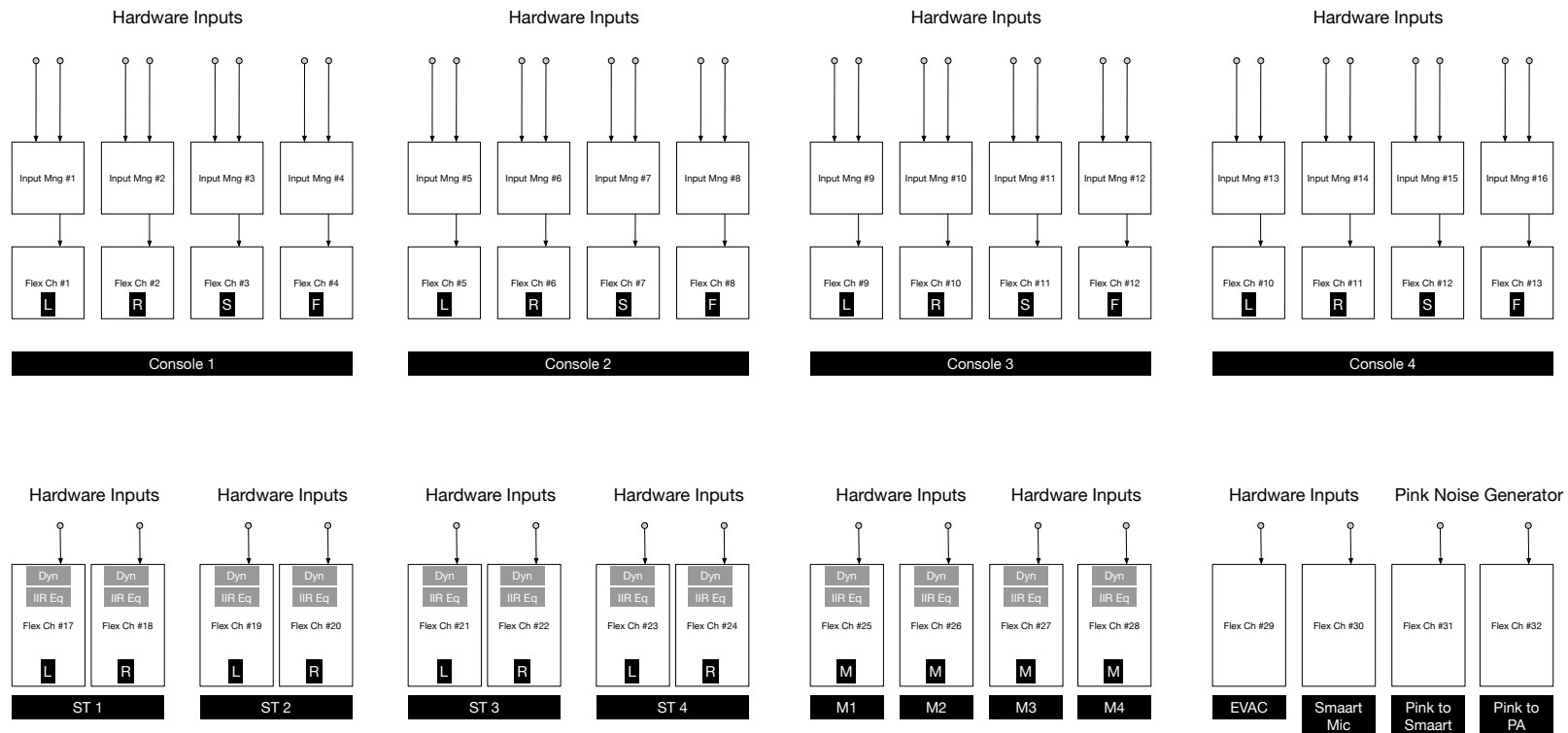
Internal connection and groups descriptions

Input details:

The 4 main console's inputs are managed using flex channels 1-16, fed by Input Managers 1-16, to allow seamless redundant input failover connecting more than one hardware input each.

Pre-programmed snapshots are available to quickly change the configuration of console 1-4 with L+R, L+R+Sub, L+R+Fills or L+R+Sub+Fills and set the relevant and required Matrix settings.
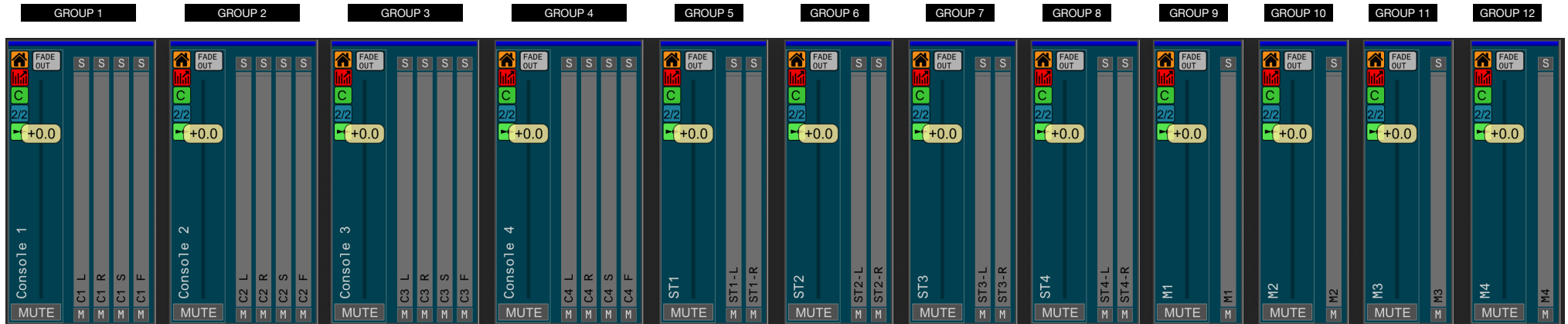
The 4 Stereo inputs and the 4 Mono inputs, EVAC and Smaart Mic are managed using flex channels 17-30 getting sources directly from hardware inputs.

Flex Channels 31 and 32 are fed with an internal Pink Noise generator and sent to Smaart and PA with independent volume control.

Hardware Inputs				Hardware Inputs				Hardware Inputs				Hardware Inputs			
Input Mng #1	Input Mng #2	Input Mng #3	Input Mng #4	Input Mng #5	Input Mng #6	Input Mng #7	Input Mng #8	Input Mng #9	Input Mng #10	Input Mng #11	Input Mng #12	Input Mng #13	Input Mng #14	Input Mng #15	Input Mng #16
Flex Ch #1 L	Flex Ch #2 R	Flex Ch #3 S	Flex Ch #4 F	Flex Ch #5 L	Flex Ch #6 R	Flex Ch #7 S	Flex Ch #8 F	Flex Ch #9 L	Flex Ch #10 R	Flex Ch #11 S	Flex Ch #12 F	Flex Ch #10 L	Flex Ch #11 R	Flex Ch #12 S	Flex Ch #13 F
Console 1				Console 2				Console 3				Console 4			

Hardware Inputs		Hardware Inputs		Hardware Inputs		Hardware Inputs		Hardware Inputs		Hardware Inputs		Hardware Inputs		Pink Noise Generator	
Dyn IIR Eq Flex Ch #17 L	Dyn IIR Eq Flex Ch #18 R	Dyn IIR Eq Flex Ch #19 L	Dyn IIR Eq Flex Ch #20 R	Dyn IIR Eq Flex Ch #21 L	Dyn IIR Eq Flex Ch #22 R	Dyn IIR Eq Flex Ch #23 L	Dyn IIR Eq Flex Ch #24 R	Dyn IIR Eq Flex Ch #25 M	Dyn IIR Eq Flex Ch #26 M	Dyn IIR Eq Flex Ch #27 M	Dyn IIR Eq Flex Ch #28 M	Flex Ch #29	Flex Ch #30	Flex Ch #31	Flex Ch #32
ST 1		ST 2		ST 3		ST 4		M1	M2	M3	M4	EVAC	Smaart Mic	Pink to Smaart	Pink to PA

The 4 main consoles are easily managed by means of Groups 1-4.

Stereo and Mono inputs are easily managed by means of Groups 5-12.

Matrix and Bussing for the PA:

The MatMix16x4 #1 is used to mix the 4 main consoles channels and create the sub busses PA1L, PA1R, PA1S, PA1F.

The MatMix16x4 #2 is used to mix the 4 Stereo, 4 Mono inputs and the EVAC signal and create the sub busses PA2L, PA2R, PA2S, PA2F.

The Summing Busses 1-4 are used to create the Master Busses L, R, SUB, FILLS (aka "the four musketeers") to be used to feed any portion of the PA.
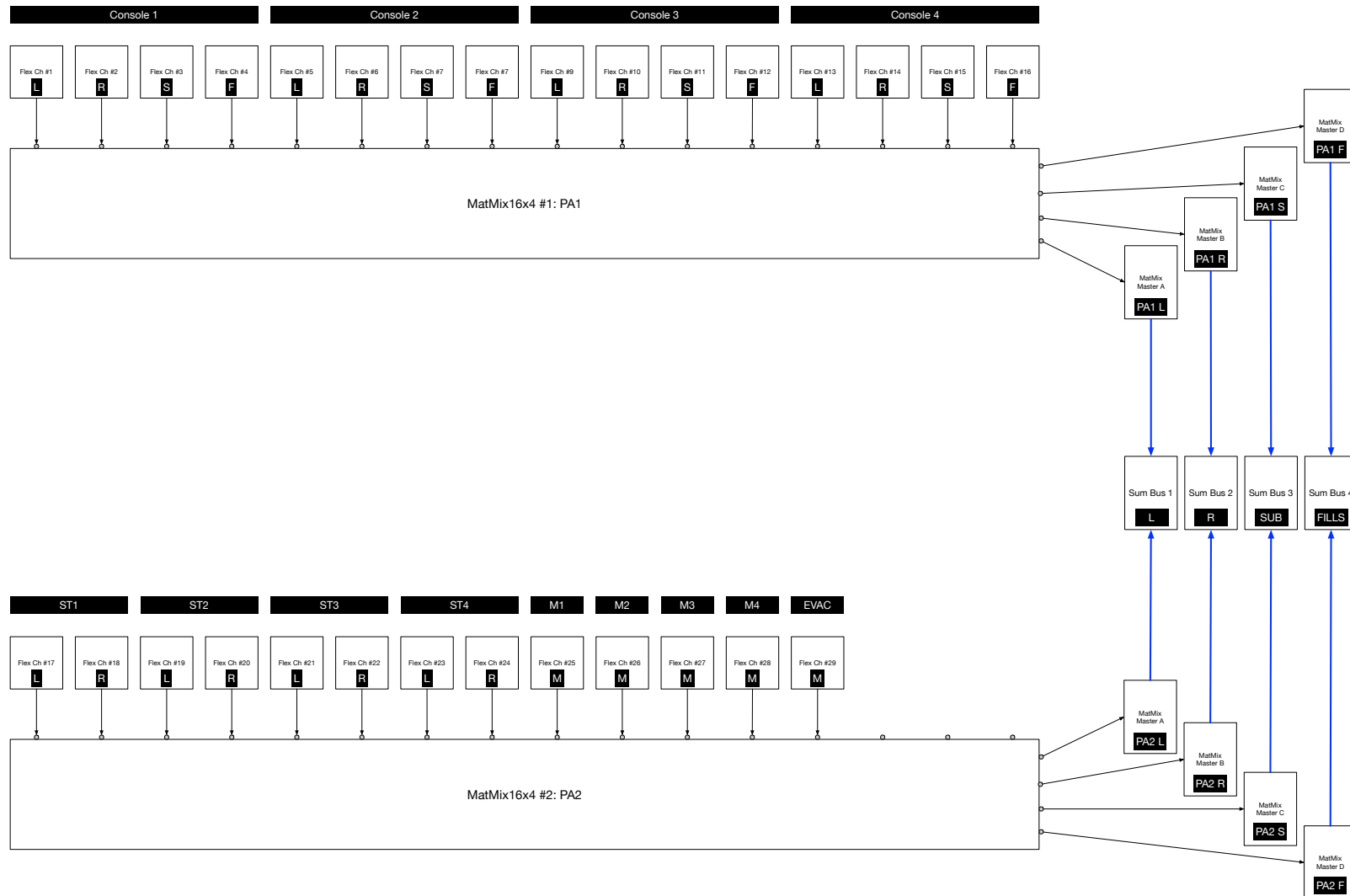
MatMix8x8 #1, having L,R,SUB, FILLS and Pink to PA as inputs, is used to offer the first 8 PA sections with full processing:

Master A: Main Left
Master B: Main Right
Master C: Outfills Left
Master D: Outfills Right
Master E: Frontfills 1
Master F: Frontfills 2
Master G: Sub 1
Master H: Sub 2
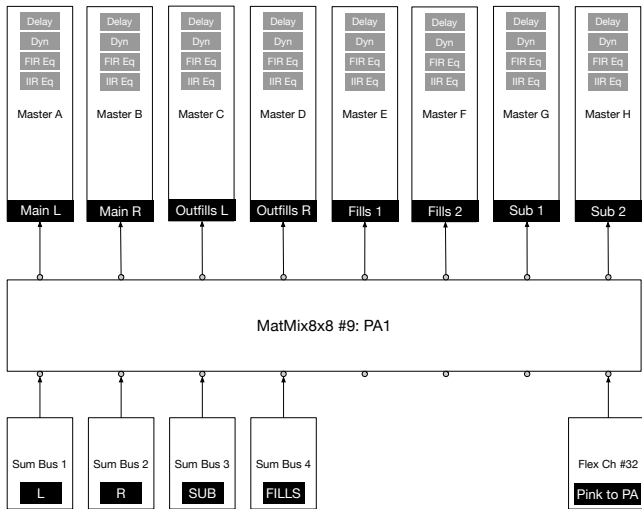
MatMix8x8 #2, having L,R,SUB, FILLS and Pink to PA as inputs, is used to offer the second 8 PA sections with full processing:

Master A: Delay 1
Master B: Delay 2
Master C: Delay 3
Master D: Delay 4
Master E: PA Aux 1
Master F: PA Aux 2
Master G: PA Aux 3
Master H: PA Aux 4
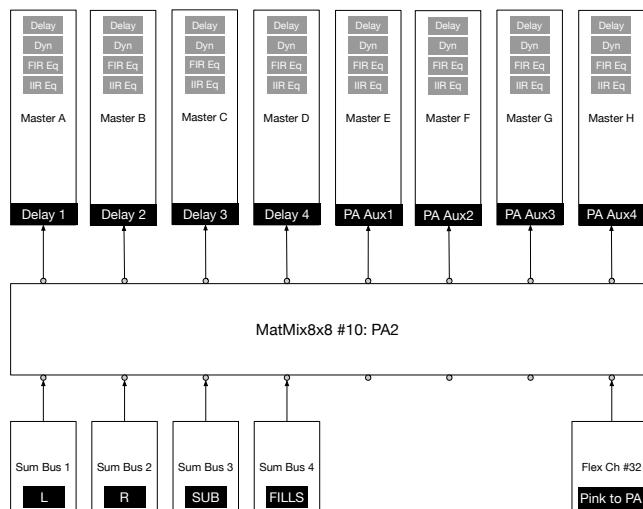
MatMix8x8 #3, having L,R,SUB, FILLS and Pink to PA as inputs, is used to offer the clean PA Feeds, with no processing:

Master A: Clean L
Master B: Clean R
Master C: Clean S
Master D: Clean F
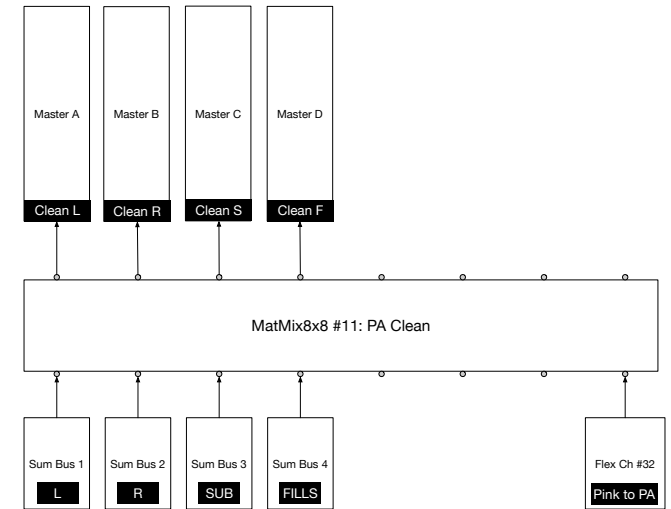
Group 13 - named PA is made for global PA control and has the following members:

Main Left & Right
Outfills Left & Right
Frontfills 1
Frontfills 2
Sub 1
Sub 2
Delay 1
Delay 2
Delay 3
Delay 4
PA Aux 1
PA Aux 2
PA Aux 3
PA Aux 4

Group 14 - named PA-Main is for partial control and has the following members:

Main Left & Right
Outfills Left & Right
Frontfills 1
Frontfills 2

Group 15 - named PA-Subs is for Sub control and has the following members:

Sub 1
Sub 2

Group 16 - named PA-Delays is for Delays control and has the following members:

Delay 1
Delay 2
Delay 3
Delay 4

| GROUP 13 | GROUP 14 | GROUP 15 | GROUP 16 |

Matrix and Bussing for the Recording/Broadcast:

The MatMix16x4 #3 is used to mix the 4 main consoles channels and create the sub busses REC1L, REC1R, REC1M1, REC1M2.

The MatMix16x4 #4 is used to mix the 4 Stereo, 4 Mono inputs and the EVAC signal and create the sub busses REC2L, REC2R, REC2M1, REC2M2.

The Summing Busses 5-8 are used to create the Master Busses REC L, REC R, REC M1, REC M2 to be used to feed REC and BROADCAST outputs.
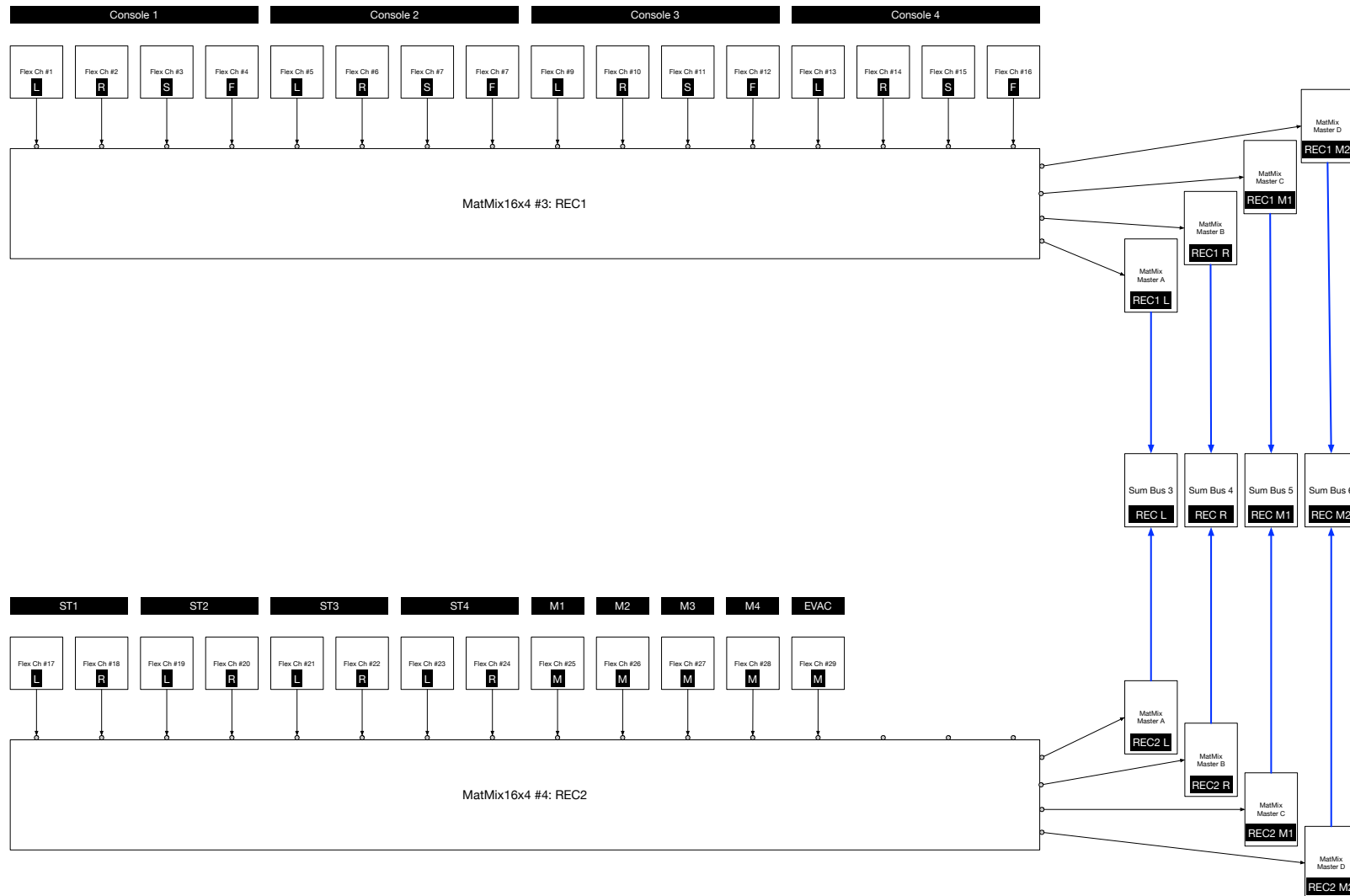
MatMix8x8 #1 having REC L, REC R, REC M1, REC M2 as inputs, is used to offer 4 Recording/Broadcast sections with full processing:

Master A: REC L
Master B: REC R
Master C: REC M1
Master D: REC M2

Delay	Delay	Delay	Delay
Dyn	Dyn	Dyn	Dyn
FIR Eq	FIR Eq	FIR Eq	FIR Eq
IIR Eq	IIR Eq	IIR Eq	IIR Eq
Master A	Master B	Master C	Master D

REC L   REC R   REC M1   REC M2

MatMix8x8 #12: REC

Sum Bus 5   Sum Bus 6   Sum Bus 7   Sum Bus 8

REC L   REC R   REC M1   REC M2