

# Basic PA template

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

## INPUTS

- 2 Sets of consoles with up to 4 channels each (L, R, Sub, Fills)
- 2 Stereo Inputs with full processing
- 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
- Delay Left & Right (also usable as Outfills L&R- fed with L&R)
- Delay Mono 1 (usable for any other mono send - fed with L+R@-6dB )
- Delay Mono 2 (usable for any other mono send - fed with L+R@-6dB )
- Sub (fed with SUB)
- Fills (fed with FILLS)

With clean signals (no processing)

- Clean Left
- Clean Right
- Clean Sub
- Clean Fills

## RECORDING / BROADCAST OUTPUTS

With full processing (IIR EQs, Dynamics, Delay)

- Recording Left & Right -1
- Recording Left & Right -2
- Recording Mono1
- Recording Mono2
- Recording Mono3
- Recording Mono4

## Internal connection and groups descriptions

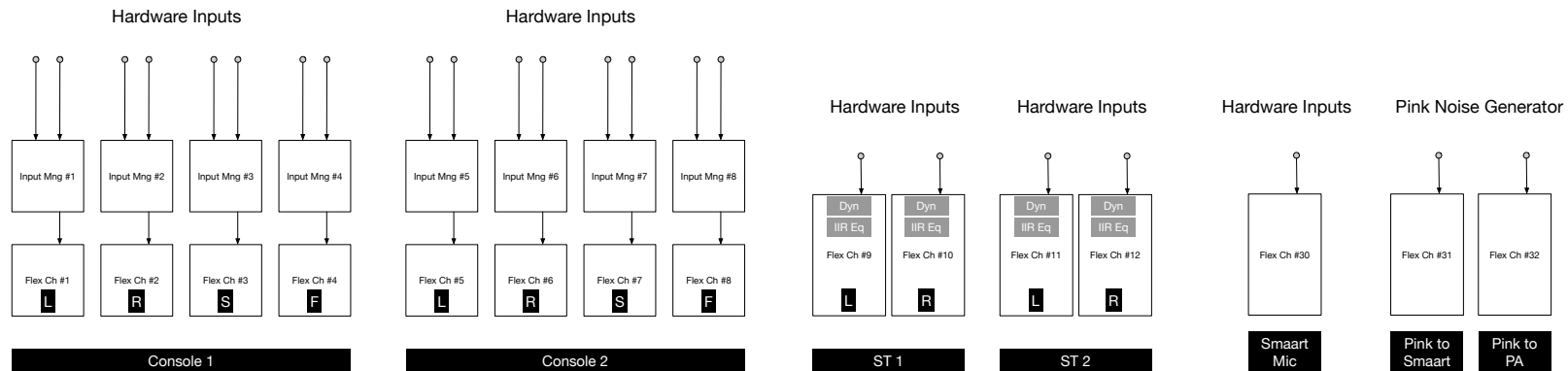
Input details:

The 2 main console's inputs are managed using flex channels 1-8, fed by Input Managers 1-8, 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 1-2 with L+R, L+R+Sub, L+R+Fills or L+R+Sub+Fills and set the relevant and required Matrix settings.

The 2 Stereo inputs and Smart Mic are managed using flex channels getting sources directly from hardware inputs.

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



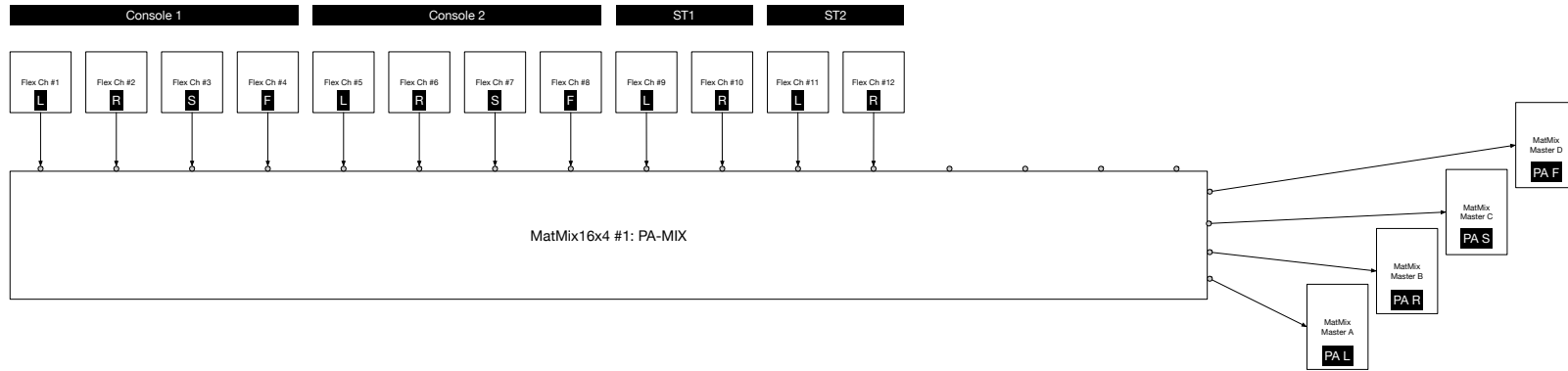
The 4 main consoles are easily managed by means of Groups 1-2.

Stereo inputs are easily managed by means of Groups 3-4.

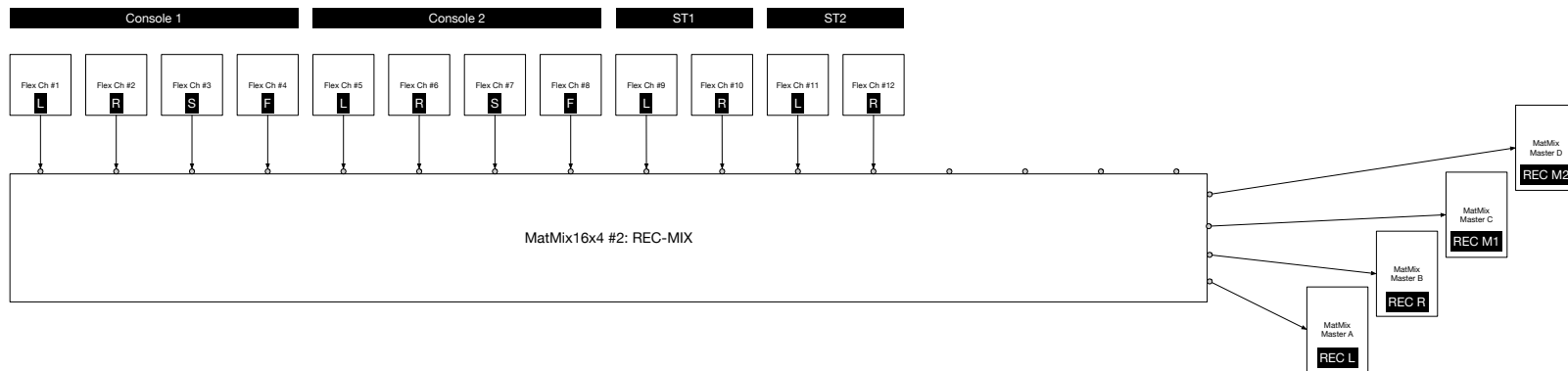


## Matrix and Bussing for the PA and Recording/Broadcasting:

The MatMix16x4 #1 is used to mix the 2 main consoles and Stereo input channels and create Master Busses L, R, SUB, FILLS (aka “the four musketeers”), to be used to feed any portion of the PA.

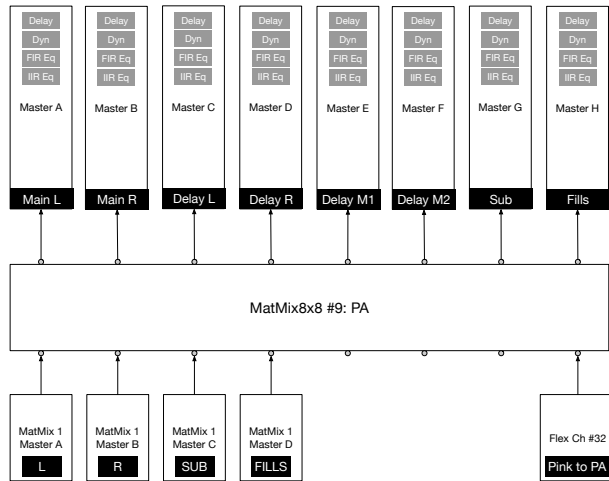


The MatMix16x4 #2 is used to mix the 2 main consoles and Stereo input channels and create (independent from PA) Master Busses REC L, REC R, REC M1, REC M2 to be used to feed REC and BROADCAST outputs.



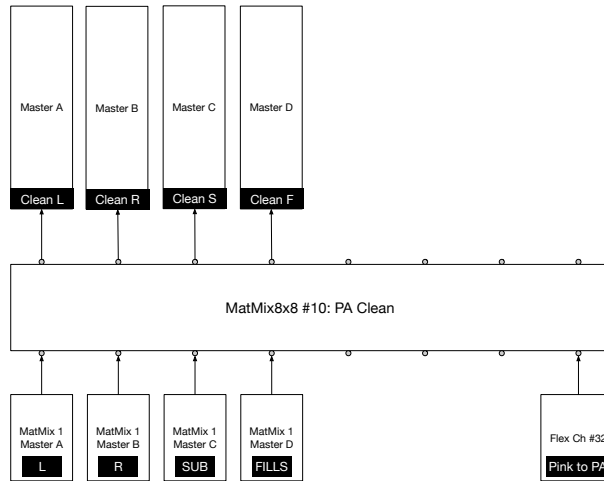
MatMix8x8 #9, having L,R,SUB, FILLS and Pink to PA as inputs, is used to offer 8 PA sections with full processing:

- Master A: Main Left
- Master B: Main Right
- Master C: Delay/Outfills Left
- Master D: Delay/Outfills Right
- Master E: Delay Mono 1
- Master F: Delay Mono 1
- Master G: Sub
- Master H: Fills



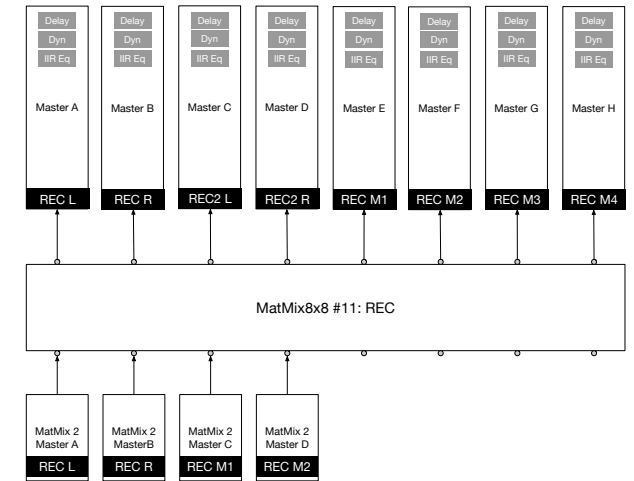
MatMix8x8 #10, having L,R,SUB, FILLS and Pink to PA as inputs, is used to offer the clean PA Feeds, with no processing:

- Master A: Clean L
- Master B: Clean R
- Master C: Clean S
- Master D: Clean F



MatMix8x8 #11, having REC L, REC R, REC M1, REC M2 as inputs, is used to offer 8 Recording/Broadcast sections with full processing:

- Master A: REC L
- Master B: REC R
- Master C: REC2 L
- Master D: REC2 R
- Master E: REC M1
- Master F: REC M2
- Master G: REC M3
- Master H: REC M4



Group 5 - named PA is made for global PA control and has the following members:

Main Left & Right  
Delays Left & Right  
Delay Mono-1  
Delay Mono-2  
Sub  
Fills

Group 6 - named PA Clean has the following members:

PA Clean Left and Right  
PA Clean Sub  
PA Clean Fills  
PA Aux 1  
PA Aux 2  
PA Aux 3  
PA Aux 4

Group 7 - named REC has the following members:

REC L & R  
REC2 L & R  
REC Mono-1  
REC Mono-2  
REC Mono-3  
REC Mono-4

