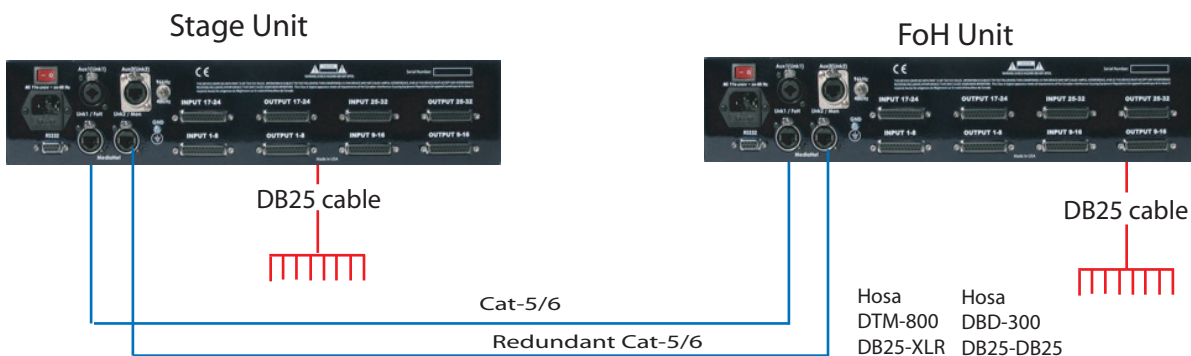


# Mamba Digital Snake Manual

## Connecting the Mamba:

### Point to Point:

The Mamba LLP (Line Level Point-to-Point) system is comprised of one "Stage" unit and one "FoH" unit. The stage unit can be connected with up to 64 line-level audio input channels, and 64 outputs via its analog DB25 connections. Standard DB25 to XLR and DB25 to DB25 cables may be used, like those compatible with Fostex or Tascam available from vendors such as Hosa and others. Connect the outputs from your micpre units or direct line level inputs to the Inputs labeled Input 1-8 to Input 57-64. Same way, connect the outputs labeled Outputs 1-8 to 57-64 to your mixer or speakers, etc.



### Splitter:

The Mamba LLS (Line Level Splitter) system is comprised of one "Stage" unit, one "FoH" unit and one "Monitor Mix" unit. The split system is available in 16X8X8, 32X16X16, 48X24X24 and 64X32X32 configuration. For example, a 32X16X16 configuration allows you to split 32 inputs at the stage to FoH and Mon mix and able to receive 16 return channels from FoH and Mon Mix units. The 16X8X8 and 32X16X16 system would operate in 96K sample rate, where as the 48X24X24 and 64X32X32 splitter system would operate in 48K sample rate.

The stage unit can be connected with up to 64 input channels, and 64 outputs via its analog DB25 connections. Standard DB25 to XLR and DB25 to DB25 cables may be used, like those compatible with Fostex or Tascam available from vendors such as Hosa and others. Connect the outputs from your micpre units or direct line level inputs to the Inputs labeled Input 1-8 to Input 57-64. Inputs connected to the stage box unit will be available to FoH and Monitor Mix units. The audio is split in digital domain thus the quality and latency are identical to both receivers. Outputs on each of the units labeled outputs 1-8 to 57-64 to your mixer or speakers, etc.

The returns from FoH and Mon are available at the stage outputs. For example, 32X16X16 splitter, 16 returns from FoH will be available at the outputs named Outputs 1-16. The returns from Mon Mix would be available on Outputs 17-32.

