



Art of the Analog Console



MixSwitch™ and MixSwitch™ Expander (Console Output Switching Device +)

APB-DynaSonics' MixSwitch is a versatile, multi-channel audio switching and combining system that occupies only 1U of rack space. Typical applications include selecting between the Primary console and Backup consoles, or between Headline and Opening Act consoles in concert/presentation situations. When in SUM mode, MixSwitch allows for the simultaneous use of both consoles (equally mixed). In club applications, selection between FOH and DJ mixers into a common audio system can easily be performed. Each MixSwitch unit can control up to 4 sets of line-level audio signals; Slave units can be added to jointly control additional sets of signals.

MixSwitch Master units feature an Announce microphone input and a Stereo Program input for music playback, each with EQ, Limiting and assignment to any of the 4 outputs. An additional Stereo XLR line input allows connection and switching of a third console or facility input. These inputs are independent of the primary or secondary console selection (Slave units lack these additional audio input sources). One bonus provided by these additional inputs is the ability to do an early teardown of the FOH console at the end of a performance; the announce mic and exit music can be routed through the MixSwitch instead of the console - reducing load-out time & costs.

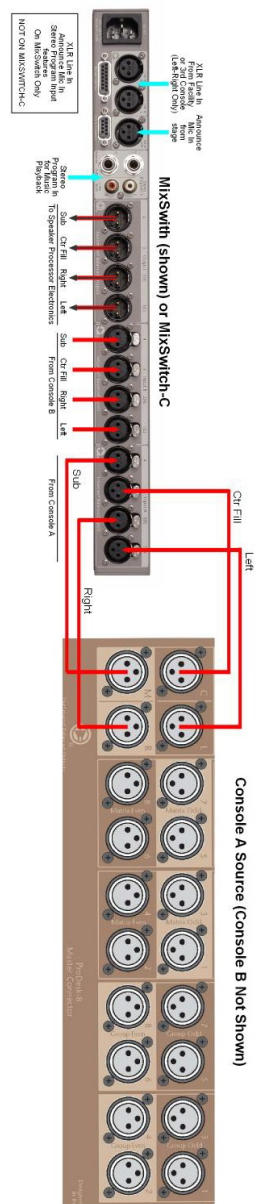
Full monitoring on both Masters and Slaves is provided for all Input and Output signals by the extensive use of metering and a headphone listening system. Slave units may be linked together with the Master for use with Monitor consoles or wherever more line level signals require switching. Auto-bypass of primary inputs to outputs in case of power failure is standard, as well as connectors for remote switching and tally functions. Special care has been taken to reduce RF interference and eliminate any Pin-1 related problems.

FEATURE OVERVIEW:

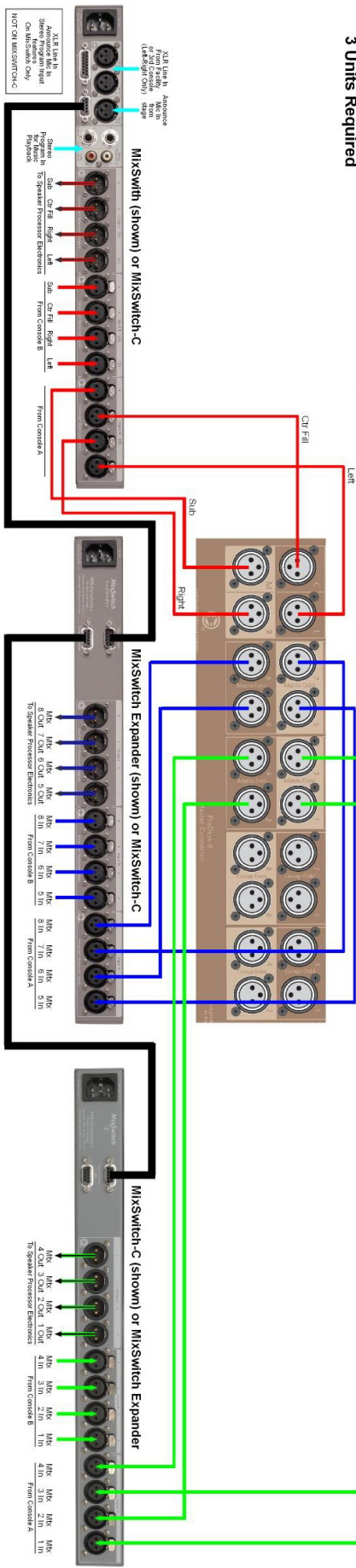
- Provides ability to easily switch between a primary digital or analog console and a backup console.
- Select between headline and opening act consoles in concert/presentation situations in SWITCH mode or operate both consoles simultaneously in SUM mode.
- Allows selection between FOH and DJ mixers in club applications.
- Announce microphone input with EQ and limiting independent of primary or secondary consoles. (Master units only)
- Stereo program input with EQ and limiting for music playback independent of primary or secondary consoles. (Master units only)
- Additional stereo XLR line input provides connection of a third console or facility input. (Master units only)
- Input and Output monitoring via LED meters and audio listen system.
- Highest possible audio performance – THAT Corporation InGenius® devices used on all XLR line inputs and OutSmarts™ drivers on all main XLR outputs.
- Expander units may be linked to master for use wherever more line level signals require switching.
- Auto-Bypass of primary input to output in case of power failure.
- Connectors for remote switching and tally.



MIXSWITCH USE EXAMPLE #1
 MixSwitch Use with 2 Consoles
 with switching between 4 Outputs
 (Left-Right, Center fills, Sub Outputs)
 1 Unit Required



MIXSWITCH USE EXAMPLE #2
 MixSwitch Use with 2 Consoles
 with switching between 12 Outputs
 (Left-Right, Center fills, Sub and 8 Matrix Outputs)
 3 Units Required



MIXSWITCH USE EXAMPLE #3
 MixSwitch Use with 4 Consoles
 with switching between 4 Outputs
 (Left-Right, Center fills, Sub Outputs)
 3 Units Required

