Leitch manufactures five series of routing switchers for the broadcast, cable, teleproduction and telecom industries. Matrix sizes range from 2x1 to 512x512 and accommodate signal types such as Analog and Serial Digital Video and Audio, High Definition Serial Digital, DS3 and many others.

**Integrator Series**
The Integrator Series of Routing Switchers provides medium to large scale routing of most signal formats. The modular design provides hot-swappable modules, optional redundant power supplies and logic cards, and the capability mixing different signal formats in the same 4RU, 6RU or 8RU frame.

**VIA32 Series**
The VIA series provides full-featured matrices based on a 32x32 size. Power supply redundancy, alarms and many control options are available. Signals types that can be switched include SDI (Serial Digital Interface), AES/EBU audio (both 110 Ohm balanced twisted-pair and 75 Ohm unbalanced coaxial), and analog video and audio.

**XPLUS Series**
The XPLUS Series is a modular system featuring generic 1RU and 2RU mounting frames into which a wide variety of switcher modules can be installed. Modules are available for SDI, AES/EBU, and analog video and audio. Module sizes include 16x16, 8x8, 4x4, 16x1, and 2x1. Expanded configurations of up to 256x1 are available. Digital and analog, video and audio modules can be installed in the same frame. Multiple frames can be combined to build complex multi-level systems.

**Special Applications**
Special application routing switchers include the serial digital ‘clean switch’ for glitch-free switching of embedded audio in serial video signals, routing of RS-232/422 serial signals, and switching of telecom ECL-type signals.

**XPRESS Series**
The XPRESS Series of low cost 12x1 monitoring routing switchers allow local or remote AFV or breakaway switching of SDI, AES/EBU (both 110 Ohm balanced on twisted-pair and 75 Ohm unbalanced coaxial), analog video and audio signals. Built-in GPI and optional RS-232/422 provides many choices for interfacing requirements.
Special Application Routers
VSR-32x1CS 32x1 Clean Switch Serial Digital Switcher
VSR-16x1CS 16x1 Clean Switch Serial Digital Switcher
EX16-1x2V Analog Video Expansion Frame
EX16-1x2S Serial Digital Video Expansion Frame
HD-16x16D 16x16 Data Router
ESR-16X16 ECL Data Router

Routing Switcher Control System
Programmable Panel Series:
- Button per Crosspoint Control Panels
- SBA-Single Bus Break-Away
Programmable Panel Series:
- Alphanumeric Break-Away Control Panels
Programmable Panel Series:
- Router MAPPER, Panel Config. Utility
RCP-GPI32p, RCP- GPI64p & GPI-XPLUS Contact Closure Interfaces
RCP-32x1p-DM & RCP-32x8p-DM Desk Mount Control Panels
RCP-ABA2-XYp, LCP-ABA2-XYp Alphanumeric Breakaway Control Panels

Router WORKS:
- Windows-based Router Control and Status Software
Event WORKS:
- Windows-based Event Automation Software

HDTV Routing Switchers
12x2HD 12x2 HDTV Routing Switcher
12x2HDAEC52 12x2 HDTV and AES Routing Switcher

XPRESS Series of 12x1 Routing Switchers
XPR-12SA2 12x1 SDI and Stereo Audio Routing Switcher
XPR-12SAES 12x1 SDI and AES/EBU Routing Switcher
XPR-12VA2 12x1 Video and Stereo Audio Routing Switcher

MIX BOX and Card Routing Switchers
VSR-4041 4x1 Serial Digital Router
VSM-1344 4X4 Video Routing Switcher
ASM-1344 4x4 Stereo Audio Routing Switcher
VSM-1341 4x1 Analog Video Routing Switcher
ASM-1341 4x1 Stereo Audio Routing Switcher
ASM-1381 8x1 Mono Audio Routing Module
ASM-1321 Quad 2x1 Monaural Audio Routing Switcher

The MIX BOX and plug-in Card Routers allow switching of SDI, analog video and audio signals. Matrix sizes of 2x1 to 4x4 are accommodated for small routing and monitor switching applications. The MIX BOX series provides standalone operation with local and remote control panels. The analog video and audio card routers can be added as an option to 1302/2602 series products and the SDI card router can be added to the 6800/7000 series of products.

Quick Reference:

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<td>MIX BOX &amp; Card Routers</td>
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</table>

MIX BOXes and Card Routers

- Ethernet: Yes (Direct to frame)
- Optional (requires PC as I/F)
- Optional (requires PC as I/F)
- Optional (requires PC & SPT as I/F)
- Optional (using SPT)
- Remote Control Panels: Yes
- Yes
- Yes
- Yes
- Yes
- Application Software for Configuration, Control & Monitoring: Yes
- Yes
- Yes
- Yes
- Yes

2000 Product Catalog
LEITCH