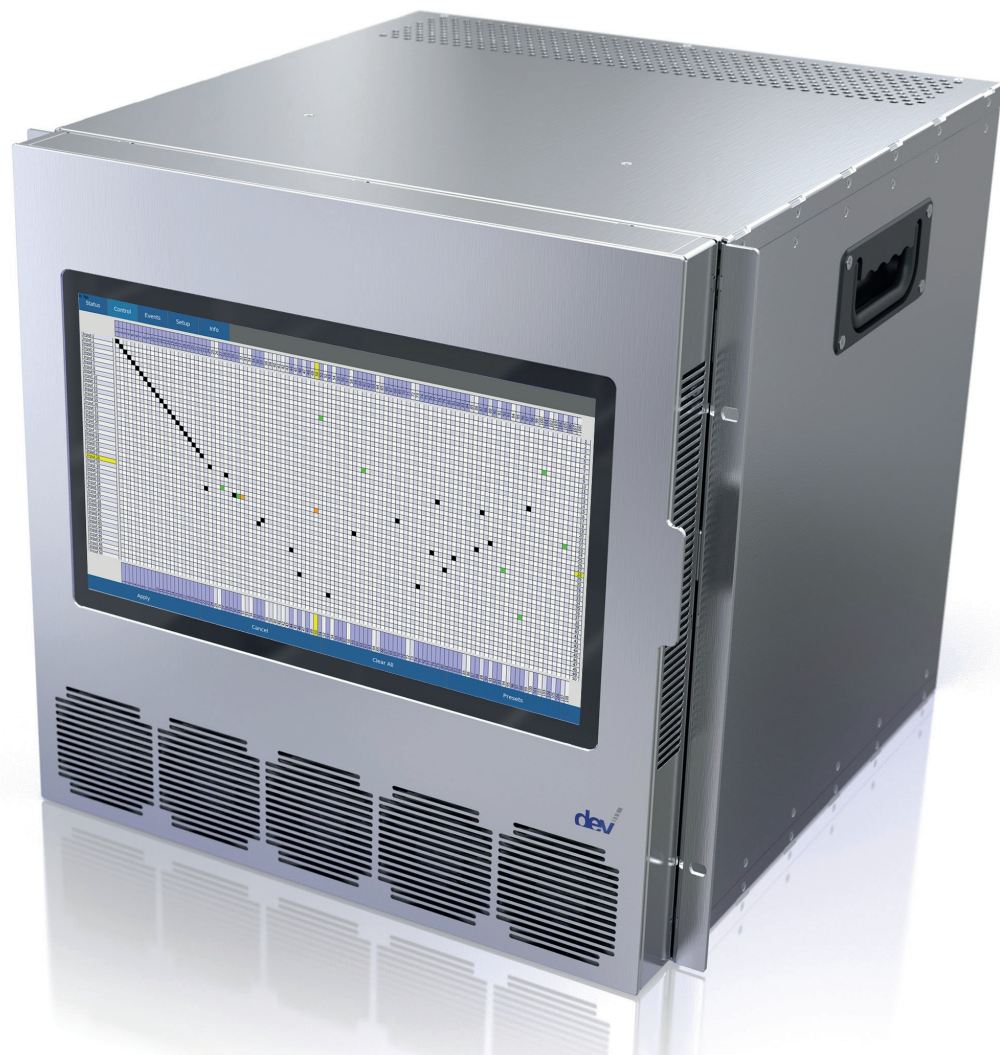


sigma

128x128 RF Matrix Switch



The Benchmark in Performance, Size and Cost

- **Satellite Communications**
- **Broadcast and Cable**
- **Government**
- **HFC Headends**

THE ART OF ENGINEERING

Density meets Versatility



DEV Systemtechnik has developed a brand-new distributing matrix system leveraging the field proven technology and HMI from its successful Archimedes matrix system. With **sigma** DEV introduces state of the art technology and features responding on customers' needs for higher density, flexibility, and simplicity with an optimized cost / performance ratio.

Main Specifications

| | |
|------------------------------|---------------------------|
| Size | up to 128x128 in 10 RU |
| Display | 15" color multi-touch |
| Remote Control | DEV web interface or SNMP |
| Frequency Range | 850...2450 MHz |
| Variable Gain | manual or automatic |
| Variable Slope | yes |
| LNB Powering | on all input channels |
| RF Sense | yes |
| Input Channel Redundancy | yes |
| Power Supply Redundancy | yes |
| Controller Redundancy | yes |
| Integrated Spectrum Analyzer | yes |
| Hot Swappable Cards | yes |
| Ready for Clustering | yes |

Your Choice

- ▀ configurable in a granularity of 8 physical ports
- ▀ different connector options: 75 ohms or 50 ohms with F or SMA connectors
- ▀ supports direct optical input ports
- ▀ As a world's first **sigma** supports embedded clustering
- ▀ hot swappable modules with easy access from the front
- ▀ full HD 15" color multi-touch display as local user interface

Ultra compact design

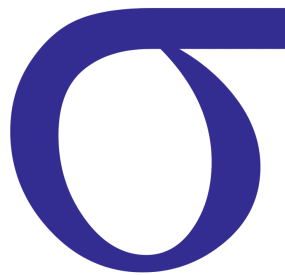
128 Input and 128 Output configuration in a single 10RU chassis.

Maximum reliability with redundancy at each level

No downtime with hot swappable modules.

No external splitter/combiner are required for size extension

The clustering ports integrated in the system enabling infield extension beyond 128x128 without using external devices.



Customer centric management and control tools

No training required - intuitive web interface for convenient system management and adjustments.

Feature rich platform

Extended L-Band spectrum, LNB powering, spectrum analyzer and many more features.

Unmatched cost/performance ratio

*With **sigma**, DEV achieved combines RF performance with highest affordability.*



The Benchmark for RF Matrices

With the introduction of its matrix platform, DEV established a new benchmark in the field of RF Matrices. DEV's matrix platform offers more functionality, state-of-the-art technology, and easy-to-use software within its compact size.



RF Fan-Out Matrix
DEV 1982

- ▄ Distributing Matrix 8x8
- ▄ 1 RU



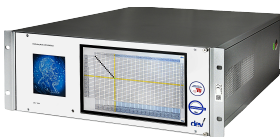
RF Fan-Out Matrix
DEV 1984

- ▄ Distributing Matrix 8x40
- ▄ 2 RU



RF Fan-Out Matrix
DEV 1985

- ▄ Distributing Matrix 16x20
- ▄ 2 RU



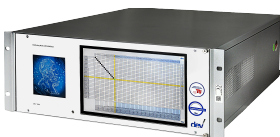
RF Fan-Out Matrix
DEV 1986

- ▄ Distributing Matrix 64x64
- ▄ 4 RU



RF Fan-Out Matrix
DEV 1975

- ▄ Combining Matrix 16x20
- ▄ 2 RU



RF Fan-Out Matrix
DEV 1976

- ▄ Combining Matrix 64x44
- ▄ 4 RU



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