

8²

RF Matrix Switch



DESIGNED FOR OUTSTANDING PERFORMANCE, FLEXIBILITY, AND VALUE

General Information

The compact **8² Distributing or Combining Matrix** offers an ideal mix of cost and performance plus unique advantages especially for small configuration environments such as SNG vehicles.

Available in sizes 4x4, 4x8, 8x4 or 8x8 it is easily field upgradeable to the maximum size of 8x8, without any disruption of service. Various connector types, 50 or 75 Ohm, optical inputs, redundancy options, TRAC, and hot swappable power supplies let customers configure the device to their needs. A 9th output comes

as a standard feature for monitoring purposes. Additional features such as variable gain and slope deliver optimized and linear RF signal transmission. Built-in LNB powering, full color display user interface, and dual redundant field replaceable power supplies give cable, satellite, and broadcast facilities the highest reliability and functionality.

The **8²** is manageable via SNMP and DEV Web Interface. It is suitable for various redundancy purposes, and can be operated in autonomous mode.

Features and Benefits

- Variable Gain (AGC or MGC)
- Optical and Electrical Inputs
- Field upgradable
- LNB Powering, Voltage & Tone switchable per Channel
- RF Sensing for each Channel individually
- Various Redundancy Options
- 9th Switchable Output Port for Monitoring Purposes



Stronger, Smaller, Smarter

How has DEV set new benchmarks in the RF matrix business? From minimizing the size of our products, to delivering more functionality, more state of the art technology and easy-to-use software, along with price savings, DEV delivers stronger, smaller, and smarter solutions.

Our **8²** L-Band Matrix Switch offers stronger RF performance with the best cost-performance ratio in the smallest form factor, making it stronger, smaller and smarter than any comparable matrix on the market. The **8²** Matrix bridges the range in DEV's matrix product family to its larger RF Matrix solutions.

- The **8to4ty**, which is the most versatile L-Band Matrix up to 8x40 in 2 RU.
- The **16²** – The first 16x16 Matrix with up to 20 Outputs in 2 RU.
- **ARCHIMEDES**, designed for symmetrical or asymmetrical configurations of up to 64x64 in 4 RU
- DEV **ARCHIMEDES** matrices can be cascaded to create larger configurations, up to 2048 x 2048

Reliable Technology, Trusted Expertise

We develop and produce a complete spectrum of high-performance and high-availability RF signal transmission equipment to meet your current and future coaxial cable or fiber optic transmission requirements.

Choosing DEV gives you a wide range of products like:

- Distribution Amplifiers, Splitters and Combiners
- Routing Products and Multiplexers
- Distributing and Combining Matrices
- RF Signal Transmission over Optical Fiber
- Redundancy Switching Systems
- Equipment for cable and HFC networks

Why you'll like what we do

Our products are designed for operation in multiple frequency bands and impedances to meet a wide spectrum of unique customer needs.

- Systems Integrators for Cable Headends and Teleports
- Cable and HFC Network Operators
- IP TV Providers
- Satellite Operators
- Teleport and Playout Center Operators

Ready to work with us?

We are always excited about helping our customers meet new challenges – and we believe you will enjoy working with us. Call us with any of your RF transmission needs between antenna and receiver. Whatever your requirement, discover the DEV solution.

DEV Systemtechnik GmbH

Grüner Weg 4A
D-61169 Friedberg
Germany

Phone: +49(0) 60 31/6975 100
Fax: +49(0) 60 31/6975 114
www.dev-systemtechnik.com
info@dev-systemtechnik.com

© DEV Systemtechnik · 04/2018

Discover Superior RF Solutions

