

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 equip 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 available on the market.

The **8²** is suitable for various redundancy purposes, and can be operated in autonomous mode.

Features and Benefits

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



Your Number One Choice for RF Distributing and Combining Matrices

There are many good reasons, why we at DEV can truly claim to have set a benchmark in the RF matrix business: For our customers we minimized the size of the product, reduced the price, and we deliver more functionality and more state of the art technology than ever before.

Our new 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, such as

- ARCHIMEDES L-Band Matrix Switch, which is designed for symmetrical or asymmetrical configurations of up to 64x64 inputs and outputs in just 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 requirements in RF transmission over coax and/or fiber optic. With DEV products you can be confident that you will enjoy superior signal quality and reliability.

Choosing DEV gives you a wide range of products like e.g.:

- Distributing and Combining Matrices
- Redundancy Switching Systems
- RF over Fiber Products (Optribution®)
- Routing Products and Multiplexers
- Distribution Amplifiers, Splitters, and Combiners
- Broadband Active and Passive Products

Why you'll like what we do

All our products are designed for operation in multiple frequency bands and impedances to meet a wide spectrum of unique customer needs. This makes them equally suitable for:

- Cable and IPTV Headends
- Teleports and Broadcasters
- Satellite Ground Stations
- Satellite Operators

Ready to work with us?

We're always excited about meeting new challenges from our customers – and we believe you'll enjoy working with us. To discuss your future requirements, contact us today:

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

Demand Superior RF Solutions!



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