

RF Matrix Switch ARCHIMEDES



COMPLEX SOLUTIONS



BECOME MORE TRANSPARENT

The Benchmark in Performance, Size ... and Price

Your Number One Choice for L-Band Distributing 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, we reduced the price and for that we deliver more functionality and more state of the art technology than ever before.

- DEV's new ARCHIMEDES Distributing Matrix is now 1/4 of the previous size
- 40% price decrease vs. comparable former DEV Matrices
- Many new features integrated e.g. optical inputs
- Unique Full Color Multi-Touch Display
- ARCHIMEDES provides the best cost-performance ratio

Please compare ARCHIMEDES with other vendor solutions.



Your Benefits

- Less rack space and significant lower power consumption
- Reduced expenses for your infrastructure
- Superior RF Performance
- Unbeatable flexibility for future needs due to modular design
- TV Reception via the integrated full color Multi-Touch Display
- Included: the TripleC Protection – our unique post-sales security package

ARCHIMEDES - Your Choice of Features

- Standard configurations: 32x32, 32x64, 64x32 or 64x64. Upgradable versions are available. Reduction of size is also possible.
- Various Input and Output Modules in 75 Ohm F (f) or BNC (f), or 50 Ohm, SMA (f)
- Optical Input Modules
- LNB Powering
- Variable Gain and Tilt, RF Sensing
- Input and Output Channel Redundancy
- Controller and Power Supply Redundancy
- Secure Lock Operation for multiuser applications
- Signal Recording
- Full Color Multi-Touch Display
- Integrated TV Receiver

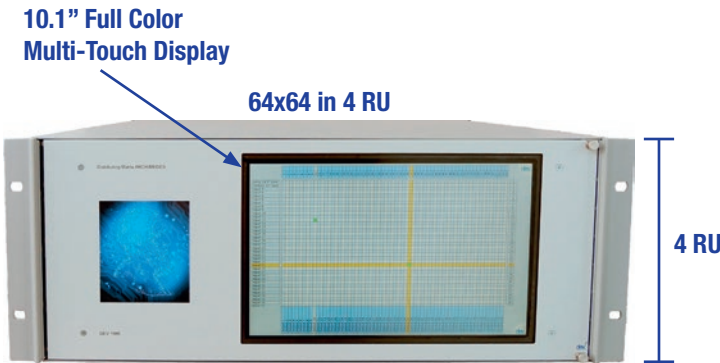
Innovation – Made in Germany



MINIMUM SIZE, MAXIMUM VERSATILITY

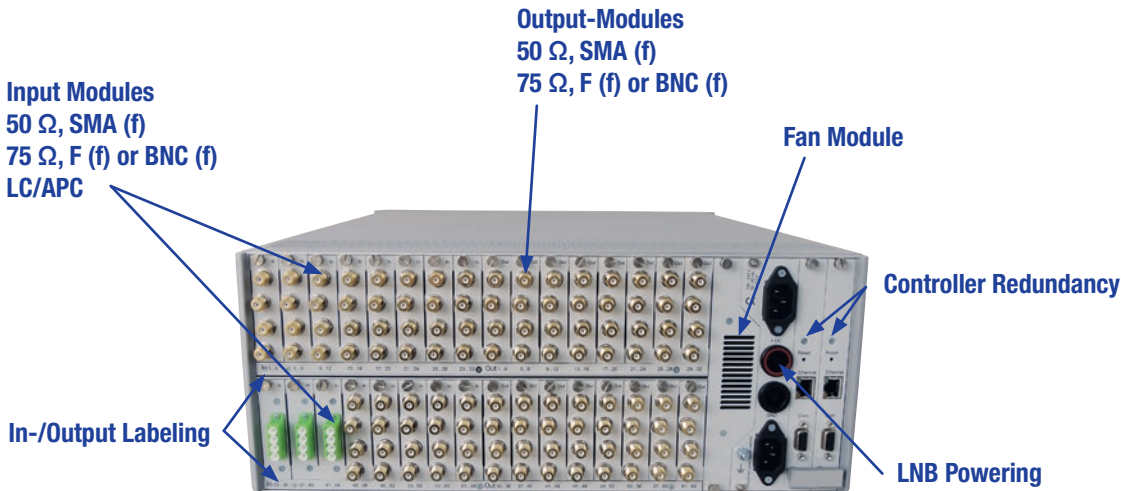
General Information

The L-Band Distributing Matrix ARCHIMEDES (DEV 1986) is built in a high density 4RU chassis. Its high degree of reliability constitutes the core of your system. It is available starting from 16x16 and can be easily expanded to 64x64 by increments of 8 inputs or outputs still being in 4 Rack Units.



Main Specifications	ARCHIMEDES
Size	64 x 64 in 4 RU
Weight	ca. 25 kg
Remote User Interface	DEV Web Interface
Return Loss	> 14 dB
Variable Gain	0...+35 dB, 1 dB steps
Variable Tilt	0...8 dB
LNB Powering + 1 RU	13V, 18V and 0Hz, 22 kHz
Input Channel Redundancy	Yes
Output Channel Redundancy	Yes
Power Supply Redundancy	Yes
Controller Redundancy	Yes
Integrated TV Receiver	Yes

ARCHIMEDES provides in a minimum size a maximum versatility with optional features for various customer applications. Redundancy options for input and output channels as well as for the controller give you as much reliability as you can get on the market.



Complexity is a matter of Perspective. ARCHIMEDES breaks new ground.

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.:

- Switching Systems and Distributing Matrices
- RF over Fiber Products (Optribution)
- Routing Products and Multiplexers
- Distribution Amplifiers, Splitters and Combiners

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
- Ground Stations
- Satellite Operators

DEV – for RF over fiber, coax, and satellite IFLs at best cost/performance ratio.

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:

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