

POLARIS evolution

The flexible networked mixing solution



- Intuitive, fast and productive
- Innovative user interface
- Modular and scalable
- Robust network
- Multi-user operation
- Perfect for live, theatre and broadcast

This makes POLARIS evolution special

POLARIS evolution is a modular and scalable audio production platform that can include numerous and various hardware elements:

POLARIS access - The base console

- Compact and lightweight surface
- 16 P&G faders and 16 concentric encoders
- 64 recessed RGB buttons
- 19" Cut multi-touch display
- local Audio I/O via Dante™
- Size (WxDxH): 544 x 559 x 145 mm (21.8 x 22.0 x 5.7")
- Weight: approx. 15 kg (33.1 lbs)

POLARIS view - Multi-Touch interface

- 21.5" multi-touch monitor
- Docks into the POLARIS access module
- Includes extra powerful CPU processing unit
- Provides expanded parameter setting and metering
- Size (WxDxH): (incl. stand) 539 x 101 x 453 mm (21.2 x 4.0 x 17.8")
- Weight: approx. 10 kg (22.1 lbs)

POLARIS scala - The audio processing node

- Connects to POLARIS access via standard Ethernet
- Easy integration of additional POLARIS elements
- Up to 640 DSP channels per frame
- Maximum of 384 buses per frame
 - up to 256 with physical outputs
 - up to 128 matrix busses
- Scalable and cascadable
- Latest DSP technology
- Passive cooling (noiseless)
- Size: 19", 3RU
- Weight: approx. 10 kg (22.1 lbs)

The innovative POLARIS evolution networking software allows for freely configurable constellations of POLARIS access, POLARIS view and POLARIS scala units as well as the integration of any other network control devices.



This is what POLARIS evolution can do for you

Create your own personal POLARIS evolution tailored to your specific needs, even when they change.

- Variable: freely combine POLARIS user interfaces according to your project needs
- Flexible: free assignment of DSP resources where and when you need them
- Individual: personalized interface for each project and/or specific users
- Team player: multi-user operation with shared channel and event automation
- Fast: easy and quick configuration changes and parameter settings
- Outstanding: modular I/O with pristine audio quality
- Interactive: easy integration with external control systems
- Expandable: start with a basic package and expand as the need arises
- Future-proof: expand feature sets through new control and/or audio plug-ins
- Network enabled: complete system control over internet/WiFi, tablet PCs, Android & iOS devices



Motorized 21.5" multi-touch monitor

Ergonomic viewing and operating angles that match your preferred way of working



POLARIS access + POLARIS view

Extended 16 fader console with 21.5" multi-touch monitor for improved overview and parameter access



Modular 32 fader version with scriptholder

Combination of 2x POLARIS access and POLARIS view for use as a larger console*. You can also split them into two independent smaller consoles if needed

*more than 32 faders possible



POLARIS access

16 fader console including 19" multi-touch display with access to all parameters assigned in the network



Winner of the
Bavarian State Prize 2016

Live (standard)

Thanks to a proprietary user interface developed by SALZBRENNER, even the basic system provides the following:

- Lightning-fast access to all parameters, irrespective of the layer or project structure
- The fastest mix, bus and output assignment system on the market
- Extensive control over all parameters using only two fingers - no need for an external mouse, keyboard or trackball
- At-a-glance confirmation of the entire mixing structure thanks to customized information display
- Efficient project organization using the „Spill“ function, available for all inputs, buses, VCA/MS groups and outputs
- Four independent automation groups
- Compact footprint
- Scaleable controllers and DSP power
- Control of a single DSP from several workstations
- Audio I/O via Dante™

Naturally, the basic package also provides all technical highlights users expect from a mixing console:

- SALZBRENNER's unrivalled audio quality
- Comprehensive MIDI implementation
- DAW connectivity
- Integration of plug-ins

Theatre and Post-production

The software extension module for theatre and post production applications includes the following main features:

- Advanced dynamic automation section for show control
 - Fade in/out, different curves, different timings
 - Timeline based operations
 - Cuelists: organizing snapshots from different automation groups in cuelists
 - External events through GPIO
 - Mediacontrol
 - DMX control
- Unlimited automation grouping
- Extra audio formats: Mid/Side / 5.1
- Cascading POLARIS scala processing

Broadcast

For broadcast applications a dedicated software extension module is available comprising the following main features:

- Audio Follow Video with different fade curves and extended timing operations independent for every channel
- Unlimited automation grouping
- N-1 commentary matrix
- Automatic microphone mixer
- Upmix and downmix functionality
- Extra audio formats: Mid/Side / 5.1
- Loudness metering interface
- Cascading POLARIS scala processing

Some features mentioned above are still under development

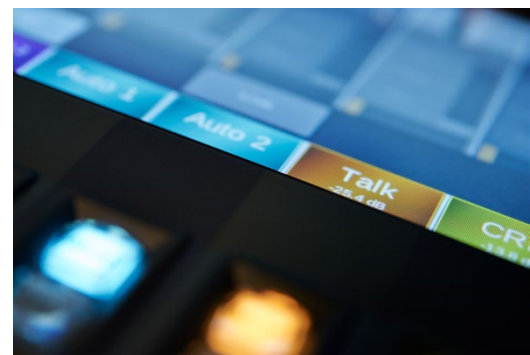
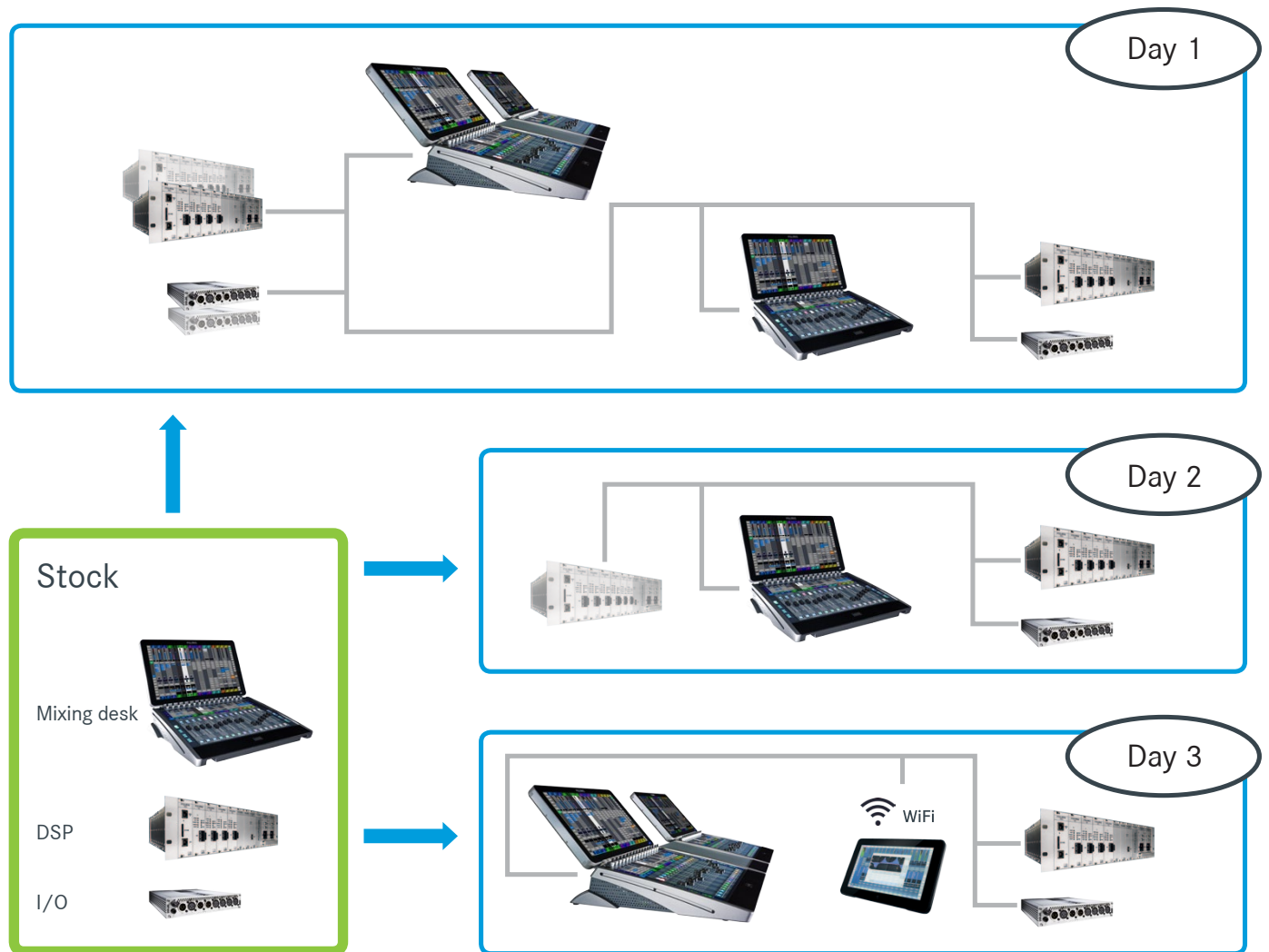


What do you need to do today?

POLARIS evolution: your ideas, your workflow.

Your pool of consoles, DSPs and I/O devices can be mixed and matched for the project at hand.

All components are networked and allow you to scale workstations, set up multi-user projects and ensure redundancy.



This is why POLARIS evolution is so clever

The user interface and operational concepts are the result of a long-term collaboration with existing customers and audio experts.

- Unique networking capabilities of hardware and software components
- Flexible software
- Full access even from the smallest desk
- Efficient use of available resources
- Future proof through extreme modularity
- Various redundancy and back-up options
- Intuitive and modern operation, look and feel
- Easily expandable through plug & play
- Flawless integration of external systems
- Compatible with several audio routers via MADI /Dante™ interface
- Road proof German quality

We are listening

We at SALZBRENNER listen carefully. Not only when it comes to audio quality, but also when it comes to listening to our customers and to the people that are using our products every day. In our modern times we face new challenges, may they be of a financial nature, or connected to the difficulties that come with new technologies. Each day engineers have to come up with creative solutions to get the job done and meet the targets. Unseen flexibility is a must in today's business, and when it comes to budgets, tight schedules, growing responsibilities, each of us is expected to deliver. With POLARIS evolution, we offer you the solution for the required flexibility and speed.

POLARIS evolution is our response to the challenges our customers are confronted with. SALZBRENNER has developed an entirely new concept, inspired by people that are required to perform at the highest level, people like you. We're pleased to be able to introduce you to POLARIS evolution, a future-proven, scalable and expandable network based mixing system that removes barriers from your path. A system that inspires and gives you the freedom to stay focused on what's really important.

Best wishes,

your POLARIS evolution team

