

ON AIR flex

The individual broadcast solution

- Designed for the broadcast environment
- Flexibly configurable Logic Control completely embedded in NEXUS
- Modular system architecture
- System limited by infrastructure only
- IP-based
- Virtual interface, not tied to any operating system
- Audio processing integrated into NEXUS
- Scales multiple audio processes
- Up to 54 input channels on one audio processor



ON AIR flex



WHAT'S NEW ABOUT ON AIR FLEX

ON AIR flex is the completely flexible mixing console system for broadcasters. It consists of three basic components connected via IP:

The user interface

Two hardware panel types:

- Fader panels with four channel strips each
- Monitor panel with 2 TFT screens
- Light metal framework allows for easy integration into studio furniture
- Fully integrated hardware components

Virtual surface:

- Web browser-based, no app installation required
- Available for Windows, OS X
- Available for mobile platforms: Android, iOS, Windows Phone
- Freely configurable layouts
- Extensive widget library
- Central administration

The audio processor

Audio processing fully integrated into NEXUS:

- Up to 54 input channels
- Up to 32 buses
- 1 stereo / 5.1 monitor channel, separately adjustable headphones
- Up to 3 additional stereo monitor channels
- PFL/AFL stereo bus
- Can be combined with all available NEXUS modules
- Scalable

NEXUS Logic Control

An independent component that links the user interface to the audio processor.

Any customer-defined broadcast workflow can be achieved:

- With the individual configuration from Stage Tec
- A special configuration language allows the customer to perform the configuration autonomously
- Integration into tried-and-tested NEXUS logic programming
- Logic Control directly integrated in NEXUS through XACI board, PC not necessary
- Central administration

THE CAPABILITIES OF THE NEW ON AIR FLEX

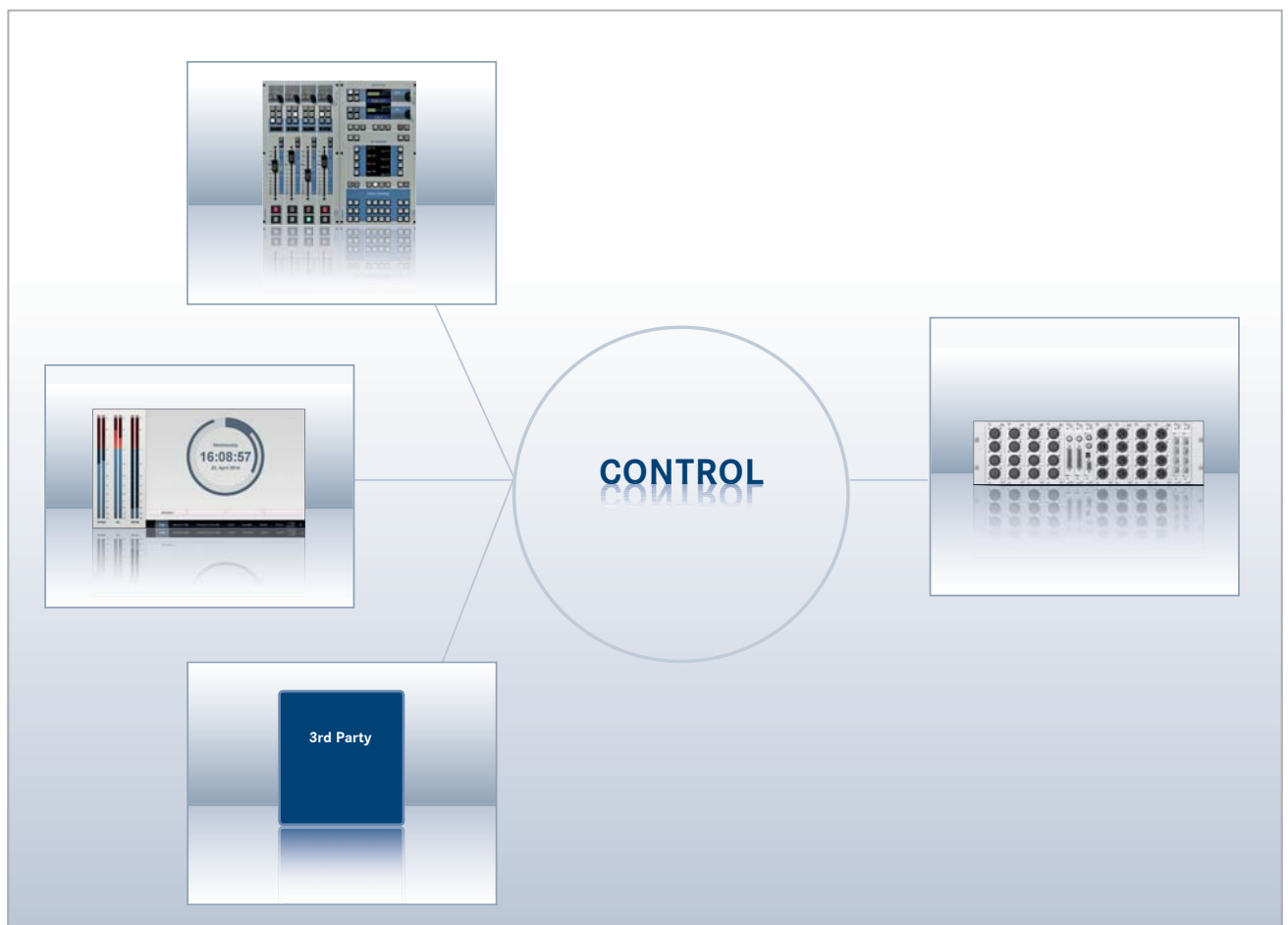
You can set up your ON AIR flex system to reflect your personal workflow exactly.

- The entire system can be controlled through a virtual user interface on a PC or tablet.
- In the virtual interface you can select from a wide range of control elements precisely the ones you need – the most important elements are also available as hardware.
- Every fader, button and display is located on the touchscreen wherever a user wishes to have it.
- Each user can define their own configuration.
- Modular: Start with a single fader panel and audio processor, and upgrade the NEXUS system as you go.
- User-defined functions can be assigned to the hardware elements as needed.
- The NEXUS Logic Control is freely configurable.

WHERE ON AIR FLEX EXCELS

An unsurpassed series of benefits

- The unique concept with flexible networked components
- Fully integrated into NEXUS
- Intuitive operation, for users with any level of experience
- Contemporary virtual interface with a widget library
- Fully IP-based
- Minimal administrative burden for the system administrator
- Modern modules with tried-and-tested Stage Tec quality
- PC not necessary



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Overview

Concept	Modular system of IP connected, freely configurable components
Audio connection	Fully integrated into NEXUS, combines with all NEXUS modules
Audioprocessing	Up to 54 input channels Up to 32 buses, freely configurable Mix minus matrix 16 x 16 Multichannel mode: Stereo, 5.1 Up to 4 monitor channels 2 PFL/AFL-Stereobuses Input channel <ul style="list-style-type: none">Channel gain, (inside the mixing console)Insert and delay (1650 ms, plus delay in the NEXUS DSP)Equalizer and filter (parametric 4-band EQ and Low Cut and Hi Cut filter)Direct output (volume and pre/post switchable)Gate/expander and compressor/limiterAux send (pre/post switchable)Mix minus one send (pre/post switchable)Fader and mutePanorama, supports multichannel
Fader panel (OFAD)	4 channel strips with 10 buttons each, one rotary encoder, one OLED display Fader: 100 mm Penny & GilesÆ motor fader, touch sensitive Channel grid: 38 mm Dimensions (width x length): 180 mm x 340 mm Weight: approx. 1100 g
Monitor panel (OMON)	2 colour TFTs and 2 rotary encoders for fader position and source selection the CR channels, various multi-coloured buttons Key pad for NEXUS Logic Control Dimensions (width x length): 180 mm x 340 mm Weight: approx. 770 g
Virtual interface	Web browser-based, not tied to any operating system Freely configurable layouts Extensive widget library Touch controls central administration
Control protocols	IP-based Remote control protocol Ember +
Mechanical	Panels can be joined consecutively from 1 to 6 panels on request in a light metal enclosure Flat frames make installation in desks easy Dimensions (width x length x desk depth): 203 mm x 363 mm x 80 mm for one panel, each additional panel: + 180 mm width Weight: approx. 1800 g for one module, additional module + 600 g
Power supply	Integrated in desk cavity Permanent redundancy Supply voltage: 110 V – 230 V Power supply capacity: 90 W for 2 panels, 150 W from 3 panels