

CRESCENDO

PLATINUM

The compact Direct Access Console

STAGETEC

AUDIO. VIDEO. IP.
SIGNALMANAGEMENT

English

CRESCENDO PLATINUM

The compact Direct Access console

CRESCENDO platinum is the compact mixing console for demanding tasks in a small space. The console offers maximum reliability with highest audio quality and unlimited flexibility and is therefore highly appreciated in all applications such as theatre, radio, studio or live use. With its proven Direct Access operating philosophy, CRESCENDO enables direct access to all audio parameters in each channel strip, at any time. The result is a particularly fast and intuitive way of working that can be adapted to any production-specific workflow.

CRESCENDO platinum is fully integrated into NEXUS concept and thus has access to all audio inputs and outputs of the entire network as well as the numerous control options. In combination with NEXUS Logic Control, a wide range of options are available for simplifying workflows, which can even completely replace external media control systems.

STAGETEC has made quality a matter of principle.

CRESCENDO is just one example.

CRESCENDO PLATINUM

THE DIRECT ACCESS CONTROL

- Perfect for demanding applications with limited space due to low installation depth
- Power-efficient design, no fans
- Lightweight high-tech construction
- Modular system supporting custom modifications
- 8–56 faders in a single frame



Multifunctional Panels

- Fast operation thanks to instant access to gain, delay, EQs/ filters, compressors, limiters, expanders, gates, buses, and panning from within any channel
- Perfect design for simultaneous use by multiple engineers
- All channels are freely configurable
- All encoders are touch-sensitive

- More relaxed working conditions due to very low heat dissipation
- Service-friendly modular design: panel hot swap within just 2 minutes
- Fully independent panel operation, spilled drinks or the like will never affect the entire console
- Highest quality 100% Made in Germany
- Desk and DSP run independently from any PC

Master Panels

- Proven Direct Access concept for maximum working speed
- All key functions, layers, and libraries instantly accessible
- Comprehensive storing/loading from single parameters up to the entire console configuration
- Scene and snapshot automation supported
- Full integration with NEXUS audio network (audio crossbar and macro controller with all formats of analog, digital, and AoIP I/Os)
- Freely assignable user keys for controlling any console or media-network functions

Monitoring Panels

- Ultrafast visualization of all parameters
- Meters meet DIN/EBU specifications including EBU R128 compliant loudness metering
- Clear, ergonomic visualization
- Excellent display readability from any viewing angle
- Context-aware displays showing all currently relevant parameters
- External screen inputs supported

Fader Panels

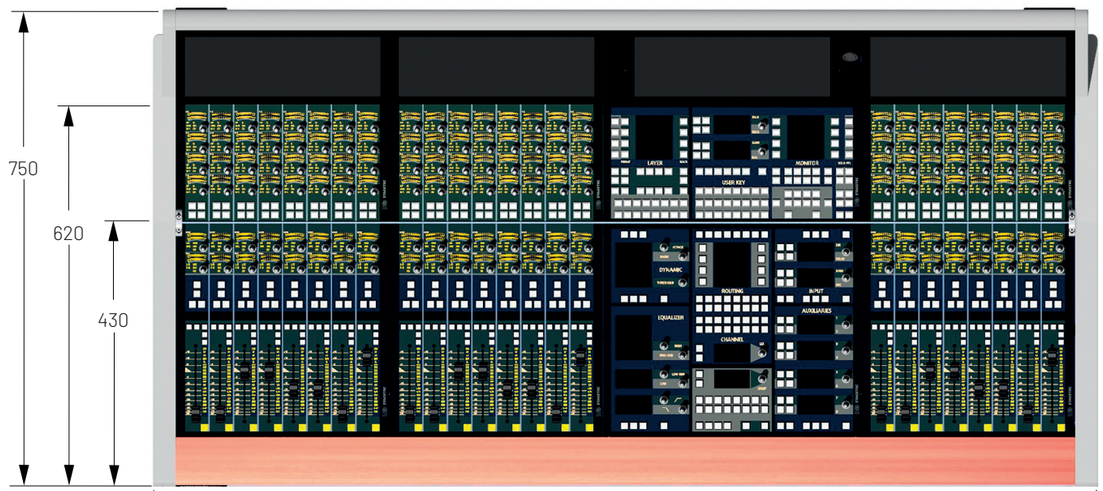
- Touch-enabled, motorized faders with smooth action
- Each channel strip can be used as a channel, a group-, or a bus master
- Flexible definition of groups as required
- Comprehensive options for parameter access and libraries
- Static and dynamic automation of all parameters
- Isolation of single parameters or full channels from automation

CRESCENDO PLATINUM Technical specifications

Audio and Control Performance	
Channel strips with 2 inputs (A/B)	Panels with 8 operating strips each (8–56 strips in total per console)
Summing buses	Up to 128 freely programmable buses (dependent upon number of DSP cards and configured channels)
Input channels	>500 (dependent upon number of DSP cards and configured buses)
Algorithms	40-bit floating-point, minimum latency, all channels summed with single-sample accuracy, identical latency across all DSP channels guaranteed
Sample rates	44,1 / 48 / 88,2 / 96 kHz
Interfaces	All audio I/Os on NEXUS network – access to all GPIOs, serial, and Ethernet links
A/D converter	32 Bit TrueMatch®, 158 dB(A) dynamics
D/A converter	24 Bit, 131 dB(A) dynamics
Boot performance	Console and NEXUS Star Router: 14 seconds Configuration computer: approx. 30 seconds (audio processors and console control components are independent of the PC and the operating system)
Refresh rate	Within 10 ms for all audio parameters of all channels and all user-interface settings
Snapshot and scene storing and loading	<10 ms
Behavior after power outage	Full data retention guaranteed; Console ready for operation after 14 seconds (including meters and restored project data including snapshots, scenes, etc.); configuration computer ready for operation after approx. 30 seconds

Dimensions & Weight	16-fader console	24-fader console	32-fader console	40-fader console	48-fader console	56-fader console
Number of bays	3	4	5	6	7	8
Operating depth (approx.)	620 mm	620 mm	620 mm	620 mm	620 mm	620 mm
Total depth	750 mm	750 mm	750 mm	750 mm	750 mm	750 mm
Console height	310 mm	310 mm	310 mm	310 mm	310 mm	310 mm
Height incl. legs	970 mm	970 mm	970 mm	970 mm	970 mm	970 mm
Width (incl. standard side panels)	1.136 mm	1.469 mm	1.801 mm	2.134 mm	2.466 mm	2.799 mm
Width (incl. narrow side panels)	1.086 mm	1.419 mm	1.751 mm	2.084 mm	2.416 mm	2.749 mm
Weight (incl. standard side panels)	33 kg	42 kg	51 kg	60 kg	69 kg	78 kg
Weight (incl. narrow side panels)	31 kg	40 kg	49 kg	58 kg	67 kg	76 kg
Plus leg mass	34 kg	34 kg	35 kg	35 kg	36 kg	36 kg

Features	
DAW integration	HUI/OASIS (optional)
Macro controller	Full integration with NEXUS Logic Control
Upmix/downmix	2.0 through to 7.1 built-in; ISOSTEM patented algorithm (mathematically fully reversible upmix/downmix) for NEXUS XDSP card optionally available
Control groups	Mute, stereo, surround, link, master/slave, VCA
Automation	Snapshot and scene automation
Conference calls	Built-in N-1 (mix-minus) matrix for up to 96 N-1 buses
Remote control	Virtual Surface software (optional)
Loudness metering	EBU R128 compliant, on sum bus channels and group channels; individual channels may be monitored through NEXUS monitoring software (integrated into the console)
Audio follow video	Yes, incl. adjustable fade curves and times for each channel, custom dependencies configurable inside NEXUS Logic Control
Automix	Optional (4 groups, no channel limitation)
Monitoring	1x stereo, 1x 5.1
Channel formats	Mono, stereo, 5.1
Delay	Up to 2,700 ms per channel
Control formats	Remotely controllable through RAS, ROSS, MOSART, MIDI
External device control	Machine control through Sony 9-Pin, RS232, RS422, MIDI; virtually unlimited when using NEXUS Logic Control
Waves plugin server integration	Yes
Spill feature	Yes



Overall width (24 faders /4 panels
incl. standard side panels): 1,469 mm

For more information,

please contact us for an appointment

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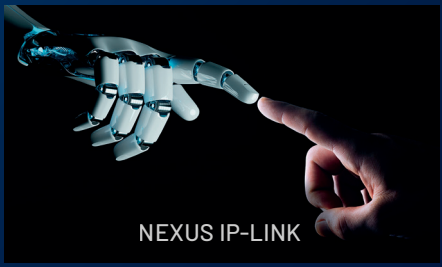
NEXUS


NEXUS IP-LINK


NEXUS COMPACT TRUEMATCH



AUDIO/VIDEO OVER IP

simple · reliable · flexible

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