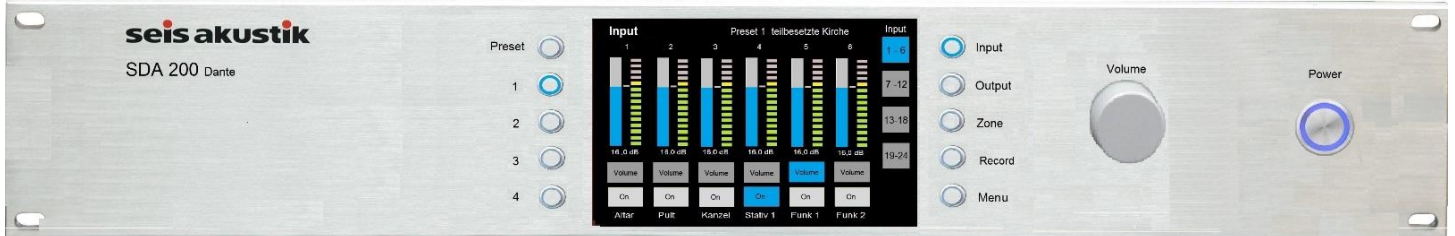
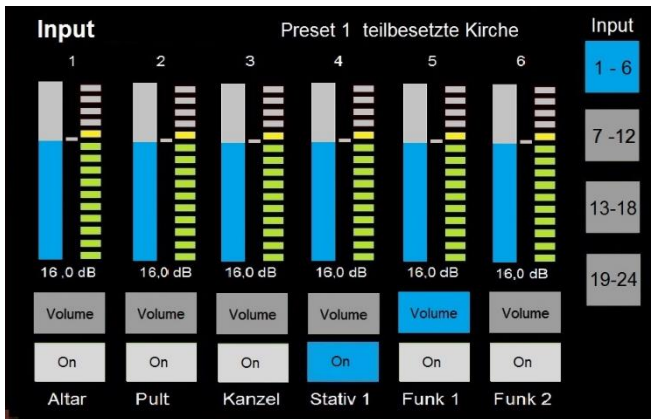


SDA200 Audio control center

SDA200 Concept:



Digital Central Unit



Touch Operating display on the device (Example)



Option WLAN TOUCH

With the digital processors SDM 100/200 everything revolves around audio performance. Designed and engineered in Germany. Thanks to its modular design, the number of input/output channels, controllability and connection to digital audio networks such as DANTE and AVB can be optimally designed to meet your requirements. The integrated multiple speaker output stage completes the ALL IN ONE concept.

With its integrated touch display, all main operating elements can be changed directly. Neither an additional computer nor extensive network structures are necessary to perform any operation. On request, the connection of modern applications via LAN/WLAN techniques as well as the digital connection of remote signal sources or rooms / buildings is available.

Fields of application:

Audio processing of numerous signal sources, simultaneous mixing of different audio applications and targeted transfer to different room situations, premises or recordings. This includes sound reinforcement control of event rooms, bars, restaurants, discotheques, multi-room sound reinforcement, recording/mixing/mastering, conference and meeting rooms, churches, loudspeaker management.

Description:

The basic configuration has 12 configurable input channels and 6 output channels. With the optional SDA200-Input expansion board, the total number of input channels is increased to 24 input channels and 12 output channels. Larger systems are then implemented via the digital network structure DANTE or AVB. The balanced 16 input channels have 48V phantom power and can be configured by software as microphone level input or line level input with variable gain structure. 2 stereo line inputs, one digital SPDIF input and the Audio network channels enable the connection of different signal sources. 8 balanced output channels, 1 digital SPDIF and the audio network channels allow the connection of signal sinks. The comprehensive software allows the adjustment of different signal sources and signal levels, automatic volume control, automatic mixing in different modes, dynamic control, parametric sound processing, filtering for room or speaker adjustment, delay control, free routing mixing of the inputs/outputs as well as the busses. As a special feature, the automatic Seis Akustik microphone control developed for churches and the Seis Akustik automatic mixing between speech microphones, vocal microphones, organ music and congregational singing is integrated. The preset storage allows to store different sound reinforcement situations on one button. This results in a high degree of operational reliability even without technically trained personnel.

Software configuration:

The configurable platform is programmed and controlled via Ethernet with our NET-Control software via PC. Connection to media control systems such as Crestron and AMX is possible.

Operating elements:

Display: Color touch panel with different display pages and plain text labeling

Keys: 5x menu key

Buttons: 5x preset selection

rotary wheel: 1x level control

Switch: 1x Power

Technical data:

Connections on the rear panel:

Analog input: 16x Neutrik-XLR

Analog input: 6x Cinch/RCA

SPDIF input: Cinch/RCA

Analog output: 8x Neutrik-XLR

Analog output: 4x Cinch/RCA

SPDIF output: Cinch/RCA

Speaker output: 2 channels

/ 100V / 70V / 4 Ohm

Ethernet: Standard: RJ45 (CAT-7)

Dante/AVB: Standard: RJ45 (CAT-7)

Power: Standard IEC socket

General

Power supply: 90-240 V AC

Dimensions: 483x88x229mm (19", 2U)

Weight: 6,4 Kg



Backside SDA200

Technical changes and errors excepted