

Andante 8

Digital mixer with 8 microphone/line-inputs and 4 outputs



The mixer offers 8 inputs, 4 outputs, and a variety of functions like parametric and graphic equalizer, Delay up to 200 m for each output and remote control. No signal processing units are necessary; all adjustments and parameters can be stored, copied and recalled at any time.

Mixer with 8 microphone-/line-inputs

Matrix

Automix

4 outputs

Master function for all outbound signals

All inputs, matrix and outputs are equipped with a select- and LED-display. Some functions can be adjusted directly at the unit by using the select-button and the two control dials. All changes can be easily traced with a clearly arranged view at the display. The select-function is present at all microphone-/line-inputs, matrix and at the outputs. Various signal processing functions as parametric Eq; compressor / limiter; noise-gate for each input are available. Automix for priority and suppression for downstream inputs; Optional numbers of inputs; adaption of levels referring to the number of microphones is possible. Use matrix to shift each input to the designated output and to adjust the necessary level.

Each of the 4 outputs are equipped with 4 parametric and a 31 Band-graphic-equalizer, level adjustment, compressor / limiter and noise gate. Mater volume; remote control by RS 232-interface By using the PC-Software all function adjustments of the parameters can be made as well as creating and storing the presets.

Height	88 mm
Width	484 mm
Depth	260 mm + 60 mm connector
Weight	6 kg

The mixer is also available in the version Andante 16 with 16 micro-/line-inputs and 8 outputs.

Technical details:

Inputs

7 XLR + 1 XLR/RCA
Sensitivity per input mic/line
Digitally controlled analog input gain range: 60 dB
Digitally controlled phantom power per input: 48V
Dynamic range analog to digital converter (ADCs, 'A'weighted) ≥ 110 dB
THD input to output $\leq 0.01\%$
Maximum input level before clipping (minimum gain setting): 20 dBu

Outputs

3 XLR + 1 XLR/RCA
Dynamic range digital to analog converters (DACs): ≥ 110 dB
THD input to output (all gain settings): $\leq 0.01\%$
Nominal output level (Master Volume at -16 dB): 4dBu (1.23Vrms)
Maximal output level before clip (0 dB fullscale at DAC output): 20dB
Output impedance: 50 Ω

Digital signal processing

Inputs

3 parametric EQs per Input (peaking type)
Highpass Filter 160 Hz/12 dB per octave on every input
Gate/compressor/limiter per input

Outputs

Graphic EQ per line output: 31 band (1/3 oct)
4 parametric EQs per line output (peaking type)
Gate/compressor/limiter per output
Delay per line output 233 m (679 ms)
Phase reverse per line output

Input/Output Routing Matrix Size of matrix: 16 In / 8 Out
Individual volume (fader) per crosspoint

Automix

Automatic mixing function
Automatic mixing function simultaneous channels selectable

General

Sample frequency: 48 kHz

User Interface

Master volume (common level for all outputs) accessible via front panel
20 presets accessible via front panel
Presets include analog input gain and phantom power setting
Individual input and output volume setting accessible via front panel
Peak- and signal indicator per input channel on front panel
Peak- and signal indicator per input channel on front panel
DSP-parameters accessible via frontpanel, PC/Notebook-USB-Interface
Preset load from and save to file (PC software)
External remote control via RS 232 (see serial protocol description)
Switchable user access protection

Technical modifications are reserved