

eela-audio

D3

Digital Mixing Console



Eela Audio D3 table top / 19" digital mixing console

24 inputs, 2 main outputs, 4 configurable stereo outputs.

8 input faders with overload and "signal present" indication.

2 main output faders with adjustable delay for up to 100 msec.

Built-in sine wave and pink noise signal generator.

Color touch screen for settings, e.g., dynamics, configuration.

Channel on "Start" button above each fader.

Broadcast audio and logical functions.

**EA Broadcast / Eela Audio, Het Riet 8 A, 5431NM Cuijk, The Netherlands
<http://www.eela-audio.com> e-mail: sales@eela-audio.com**

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Digital Mixing Console

Eela Audio D3 table top / 19" digital mixing console:

All digital "universal" broadcast mixing console with 8 input faders, 2 output faders and a touch screen color display. Programmable channel on/off / start button for each input fader.

Inputs:

6 balanced microphone inputs with 48V phantom powering, to be configured as studio or control room microphone.
2 AES/EBU digital inputs with built-in sample rate converter on XLR-type connectors.
16 stereo line inputs on RCA cinch connectors.
6 inputs can be switched between line 1, line 2 and microphone, 2 inputs between the 2 line inputs or AES/EBU.
E.Q., dynamics, input type, signal present indication etc. can be set individually per input.

Outputs:

2 main stereo outputs balanced analogue and AES/EBU digital on XLR, dual tasking allowing for recording while on-air.
4 stereo analogue outputs on jack, these can be configured as a standard AUX, for hybrid cleanfeed or studio foldback with talkback.
1 control room monitor output with volume control, mute and dim function.
1 headphones output with volume control and jack connector on the front panel and on the back.

Monitor and Meters:

2 meters with PPM characteristics and individual source selector.
Control room monitor with volume control, source selector, mute and dim function.
Headphones output with volume control, independent source select and jack connector on the back and front panel.

Broadcast logical functions:

What makes the unit really powerful are the typical broadcast logical functions:
Red light signaling for Studio and Control Room,
Remote recall of stored settings also by means of a simple external switch,
Adjustable output delay for up to 100 msec. to compensate for video latency or for small PA systems.
Built-in sine wave and pink noise signal generator.

And for each channel:

Faderstart, continue or pulse; "Start" on/off button; Pfl. active output; Enable codec / hybrid output (hybrid 'on');
Channel remote mute input; Ring detect input to signal incoming calls from hybrids;
Fader overrule (unity gain e.g. for automatic commercial broadcast); Remote pfl. 'on');
In order to integrate the mixing desk with broadcast automation software all these functions are available on a USB connector.

Available is a 25 pin D-type connector with 8 general purpose opto isolated outputs and 8 inputs. You can program a choice or a combination of the above functions to these inputs and outputs.

System settings:

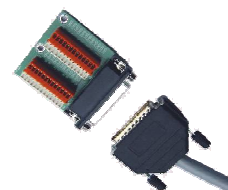
All settings can be stored into and recalled from non volatile memory, also available is a mode were you can remote recall previously stored settings by means of a simple contact closure.

Power Supply:

wide range mains adaptor 110 / 240V 50/60 Hz Euro, UK, US/Japan

Dimensions: Width: 440 mm / 19" / 483 mm
Depth: 269 mm
Height: 115 mm (max.)

Weight: approx. 5 kg



GB34 GPIO breakout PCB

Additional technical information can be found at: <http://www.eela.nl/D3TI>