

eela-audio

D4

Digital Mixing Console



Eela Audio D4 digital mixing console

16 input faders, with OLED display

Colour touch screen for settings, e.q., dynamics, configuration

Separate colour touch screen display for meters

Channel on "Start" button above each fader

Broadcast audio and logical functions



**36 inputs,
3 main outputs,
10 configurable stereo outputs**

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Digital Mixing Console

Eela Audio D4 on-air and production mixing console:

All digital "universal" broadcast mixing console with 16 input faders, 32 stereo inputs, 16 outputs
2 touch screen color displays. Programmable channel on/off / start button for each input fader.

Inputs:

8 balanced microphone / mono line inputs with 48V phantom powering, to be configured as studio or control room microphone.
8 AES/EBU digital inputs with built-in sample rate converter on XLR-type connectors.
16 stereo balanced line inputs on XLR connectors, 2 unbalanced "EXT" line inputs on jack
Each input can be assigned to a fader. E.Q., dynamics, input type etc. can be set individually per input.

Outputs:

2 main stereo outputs balanced analogue and AES/EBU digital on XLR.
1 "recording" output allowing for recording while on-air, balanced analogue and AES/EBU digital on XLR
5 programmable "AUX" outputs balanced analogue and AES/EBU digital on XLR
5 stereo analogue "AUX" outputs on jack,
These 10 "AUX" outputs can be configured as a standard AUX, for hybrid or other "outside source" stereo cleanfeed or studio foldback with talkback on each output.
1 control room monitor output with volume control, mute and dim function.
1 headphones output with volume control.
1 Pre fade listening output.

Monitor and Meters:

2 large colour touch screen displays, one for control and settings with clock and one for 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 on jack connector.

Broadcast logical functions:

All standard broadcast logic functions available: Red light signaling for Studio and Control Room,
Remote recall of stored settings also by means of a simple external switch,

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.

Logic controls are available on 3 pcs. 25 pin D-type connector with 8 general purpose opto isolated outputs and 8 inputs each. 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. Selectable mode of operation at start-up.

Power Supply:

mains voltage : 85V .. 264V 47/440 Hz

Dimensions: Width: 840 mm
Depth: 450 mm
Height: 215 mm

Additional technical information can be found at: <http://www.eela.nl/D4TI>