AxelTech
Playing it loud!

OXYGEN 3000 PLUS | Digital Broadcast Consoles

>> Much more than a Digital Broadcast Mixer!

A full range of powerful features for Radio On-Air and Production available in 3 different formats and flexible configurations: 8, 12 and 16 faders with 1 or 2 Audio I/O Boards and 16+16 or 32+32 DanteTM I/O.
Oxygen 3000 Plus is the best-equipped console of its category: Low Latency, Users Preset, Smart Keys, EQ, Compressors, Telephone Hybrid, HDMI Output, Analogue and Digital I/O, USB, Bluetooth, DanteTM AoIP, Telco, Presenter Talk Box, Streaming In/Out.
Oxygen Remoter Software, which enables up to 8 additional virtual faders for a full I/O control is available on Oxygen 3000 Plus as it is, for free, in any Oxygen Digital Console model.

Dante SPOKEN HERE

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// Overview

Input & Output with 1 Audio I/O Board

- Up to 5 microphone inputs with Automix
- 2 stereo analogue inputs, up to 4 Stereo analogue inputs using other input sources
- 4 stereo analogue outputs
- 1 built-in telephone hybrid or 1 Telco with GPIO
- Up to 4 Telco using other input sources
- 1 Bluetooth audio interface or 1 stereo analogue input
- 1 digital In (AES/EBU) or 1 USB Input (play)
- 1 digital Out (AES/EBU)
- Up to 2 USB audio Input (play)
- 1 USB audio Output (rec)
- 1 Streaming In + 1 Streaming Out
- 16 inputs + 16 outputs or 32 inputs + 32 outputs via DanteTM (optional) configurable as mono/stereo/telco

Input & Output with 2 Audio I/O Boards

- Up to 10 microphone inputs with Automix
- 4 stereo analogue inputs, up to 8 Stereo analogue inputs using other input sources
- 8 stereo analogue outputs
- 1-2 built-in telephone hybrid or 1-2 Telco with GPIO
- Up to 8 Telco using other input sources
- 1-2 Bluetooth audio interface or 1-2 stereo analogue input
- 1-2 digital In (AES/EBU) or 1-2 USB Input (play)
- 2 digital Out (AES/EBU)
- Up to 4 USB audio Input (play)
- 2 USB audio Output (rec)
- 1 Streaming In + 1 Streaming Out
- 16 inputs + 16 outputs via DanteTM (optional) configurable as mono/stereo/telco

General

- Fully Digital Broadcast Console for Radio Broadcasting with 8, 12 or 16 faders
- Knob with A/B Fast source switch or source selection for each fader
- 4+1 busses (PGM, SUB, Aux1, Aux2, PFL)
- Near 0 latency (< 0,7 ms I/O)
- Digital Signals Routing 50×50 matrix with direct Input to Output
- Assignable Stereo N-1 on any output
- Complete Remote Control by means of an application replicating the surface
- Remote configuration and maintenance via Web Interface
- User-definable Presets & Snapshots
- 5 bands fully parametric Equalizer on each input
- Dynamic Processor with expander and compressor section on each microphone input
- Advanced and configurable Monitor Facilities for Control Room and Studio
- Customizable RGB colored buttons
- 7” TFT IPS Graphic Color Display for console configuration
- Four 2,2” TFT IPS displays for the output levels monitoring
- 2,2” TFT IPS displays on top of each fader displaying channel status, levels and source name
- HDMI Out for console status display
- 2 Timers (Ctrl-Room and Studio microphones on HDMI Monitor)
- START/ON Buttons for each fader
- 4 recall Snapshot buttons
- 4 direct Talkback buttons
- RGB led Bar for each fader
- Studio & Control Room Monitor Section
- 8 customizable Smartkey Buttons
- 2 customizable Function Keys for each fader
- TalkBox for guest and presenter (optional)
- Redundant PSU (optional)

Built In Decoder and Streamer

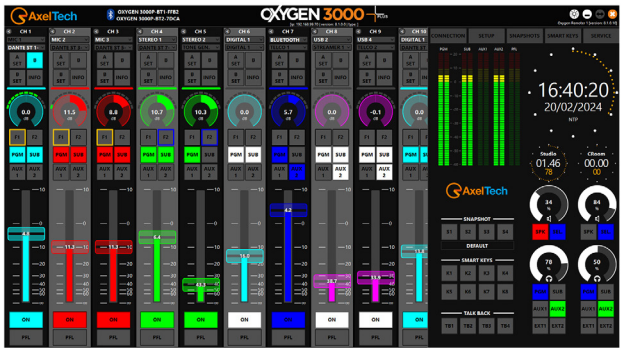
- Oxygen 3000 Plus, in addition to analog/digital/AoIP inputs and outputs, is open to integration with the IP world thanks to the ability to decode an audio streams (stereo or mono) as input and generate an output audio stream (stereo or mono).

Versions

- Oxygen 3000 Plus 8 Fader 1 Audio I/O Board
- Oxygen 3000 Plus 8 Fader 1 Audio I/O Board DanteTM 16
- Oxygen 3000 Plus 8 Fader 1 Audio I/O Board DanteTM 32
- Oxygen 3000 Plus 12 Fader 1 Audio I/O Board
- Oxygen 3000 Plus 12 Fader 1 Audio I/O Board DanteTM 16
- Oxygen 3000 Plus 12 Fader 1 Audio I/O Board DanteTM 32
- Oxygen 3000 Plus 12 Fader 2 Audio I/O Board
- Oxygen 3000 Plus 12 Fader 2 Audio I/O Board DanteTM 16
- Oxygen 3000 Plus 16 Fader 1 Audio I/O Board DanteTM 32
- Oxygen 3000 Plus 16 Fader 2 Audio I/O Board
- Oxygen 3000 Plus 16 Fader 2 Audio I/O Board DanteTM 16

Options

- Redundant power supply
- Talk Box
- DanteTM I/O board
- RJ45 adapters for:
- Mic
- Line In
- Line Out
- Telco
- GPIO



Oxygen Remoter

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For more information about Oxygen 3000 Plus, visit our website