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Oxygen 4

Modular Broadcast Console

⊗ LISTEN TO THE LIVE

OXYGEN 4 is specially designed On-Air and production console for radio broadcasting, offering an elegant design along with compact dimensions. The console is fully modular, which means flexibility in the configuration. The Mono, Stereo, Telco and Telephone input modules can be placed anywhere in the chassis. Telephone module features a built-in, high quality telephone hybrid and Telco module can be interfaced to any external hybrid. Mono and Stereo modules feature selectable double inputs and three band tone controls (optional).



⊗ PRODUCT OVERVIEW

OXYGEN 4 console is available in three frame sizes: the frame 10, which can contain 10 overall modules, the frame 20 and the frame 30. A script tray (10 module wide) is fitted for frame 30 version. The frames are inox steel & aluminium made, with wood finishing touch. Electronic components have been selected from the best on the market. In particular, the parts mostly subject to tear and wear (such as switchers, faders and potentiometers) are by Alps. **OXYGEN 4** wide range of functions provides the most immediate and complete control of the emission. All relevant functions are built-in, such as TalkBack two-way communication circuit, the On Air lamp control, Studio - Control Room speakers cut-off, phantom microphone powering. **OXYGEN 4** features 2 output buses (Master and Sub), 2 recording outputs (assignable Mst/Sub) and a versatile Monitor section. All input / output audio connections are balanced on 1/4" jacks. Four Vu / Peak meters come with the equipment.

// Main Features



- » Rock Solid Design
- » Custom configuration
- » Wide range of functions and features
- » Inox steel + aluminium frame with wood finishing touch
- » Up to four back lit vu-meters showing master, PFL and tuner signals. Built-in peak meter
- » Modular structure
- » Available in 18 and 26 module versions
- » Integrated talk back microphone
- » External power supply including 2 relays for on air lamps control

Meter:

- » 2 Vu/Peak meter pairs
- » 1 pair preset to Master output, 1 user assignable
- » High resolution scale: 20 LED for each meter
- » Vu/Peak visualization jumper selectable
- » Sensibility ranging from – 25 dB to + 5 dB

Mono Module:

- » Micro and mono Line switchable inputs (balanced)
- » Insert function on microphone input
- » Trimmer for Micro level fine adjustment
- » Gain control
- » Phantom power supply

- » Three band parametric equalizer (optional)
- » Master & Sub output assignment
- » PFL function
- » Monitor speaker muting control
- » 2 relays activation

Stereo Module:

- » Two balanced stereo inputs
- » Input B configurable for Line or Phono sources
- » Three band equalizer (optional)
- » Start / Stop command interface (optional)
- » Master e/o Sub output assignment
- » PFL function
- » Gain Control

Telephone Module:

- » Built-in analog telephone hybrid
- » Automatic Line compensation
- » Send & Receive level controls
- » Trimmer for fine adjustment of Receive level
- » Master & Sub output assignment
- » Ring LED for incoming calls
- » Private/ PFL function for 'off-air' communications
- » Hook key for line hooking
- » Socket for external telephone set



Telco Module:

- » Balanced Send output and Receive input
- » Send & Receive level controls
- » Remote control capabilities of external hybrid (e.g. Boxtel and Macrotel series by Axel Technology)
- » Master & Sub output assignment
- » Ring LED for incoming calls
- » Private/ PFL function for 'off-air' communications
- » Hook key for line hooking
- » Master-Sub Module
- » Balanced Master output (Mono/Stereo switchable)
- » Balanced Sub output (Mono/Stereo switchable)
- » Sub output fader
- » PFL function applied to Sub signal
- » Sub output assignable to the Master output
- » Two balanced Rec outputs (Mst/Sub switchable)
- » Rec output independent level control



Monitor Module:

- » Studio + Control Room outputs (separated for headph / spk)
- » Independent control sections for Studio and Control Room
- » Auxiliary balanced Tuner input
- » Tuner input level control
- » Talk Back to Studio capability
- » Built-in Talk Back microphone
- » Selectable source for 2nd Meter couple