Oxygen 4

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 try (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's 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 OnAir 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

Meters

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

Product Technical Specifications

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 **AxelTech**)

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 controls

Monitor Module

Studio + Ctrl Room outputs (separated for headph / spk)

Independent control sections for Studio and Ctrl 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

Manual

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