



ACE | My New Audio Platform

DirectOut announces ACE, a compact smart audio platform designed to adapt seamlessly to a wide range of professional workflows – from playback and drive rack applications to fully custom processing rigs – combining high-end performance, intelligent redundancy, and comprehensive connectivity in a portable, travel-ready format.

Introducing ACE Modes

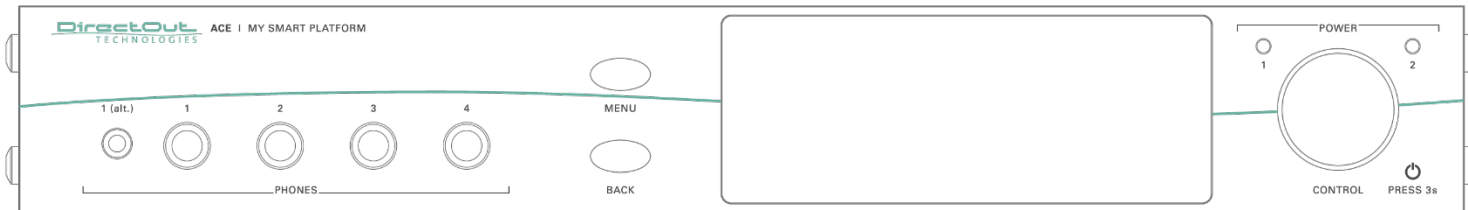
globcon interfaces purpose-built for professional audio workflows, spanning from vertically optimized configurations for common applications to a fully open environment for custom signal path design. Three modes are available:

- **Playback Mode** – Quick configuration of primary and backup computers, vocal processing inserts, and streamlined output routing, with built-in support for EARS (Enhanced Automatic Redundancy Switching).
- **PA Mode** – A complete drive rack solution providing immediate access to EQ (FIR, IIR with All Pass), dynamics, delays, and native Smaart® integration, with pre-configured signal flows and redundant input management for live sound and system tuning scenarios.
- **PRODIGY Mode** – Full access to the same globcon interface as the PRODIGY and MAVEN Series, offering complete freedom to design bespoke signal paths using advanced routing, mixing, summing, snapshot, and redundancy features.

Licenses System

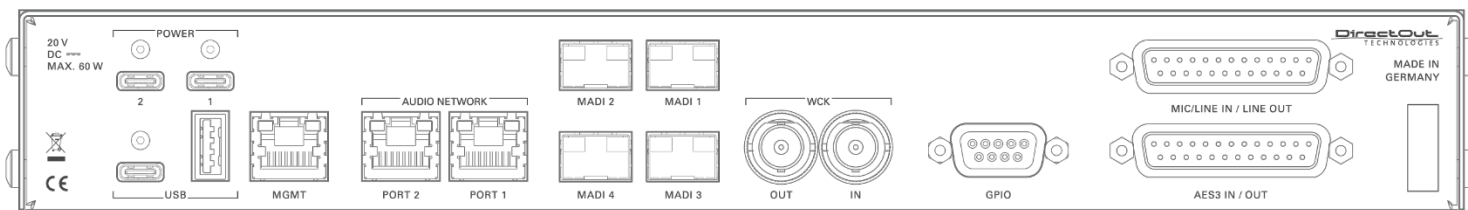
Users select their preferred ACE Mode at activation and can freely switch between modes as requirements evolve, extending functionality through additional perpetual licenses.

Hardware Overview



Front Overview

1. **PHONES Outputs:** Four 6.3 mm jacks and one 3.5 mm jack with alternate assignment for Phone 1, providing flexible monitoring options for any workflow.
2. **MENU Button:** Dedicated control to access the main system menu.
3. **BACK Button:** Navigation control to return to the previous menu level.
4. **Touch-Display:** High resolution touchscreen delivering fast, intuitive control, real time monitoring and smooth menu navigation.
5. **CONTROL Encoder:** Rotary encoder with push function for precise value adjustment and confirmation.
6. **POWER Status LEDs:** Visual indication of the operating state of power supply 1 and power supply 2.



Rear Overview

1. **Redundant USB C Power Inputs:** Dual USB C connectors with locking screws, enabling redundant power supply or power backup for maximum reliability.
2. **USB Ports:** Data connection for optional device control and configuration.
3. **MGMT Ethernet Port:** Network interface for remote management and control.
4. **AUDIO NETWORK Interface:** Two RJ45 ports supporting Dante or AVB/Milan with 64 channels at 48 kHz.
5. **MADI I/O SFP:** Four SFP MADI ports delivering up to 64 channels of input and output per port at 48 kHz, fully compatible with **USB.MADI**.
6. **WORD CLOCK I/O BNC:** Professional clocking interface ensuring rock solid synchronization and pristine audio performance.
7. **GPIO Control Interface:** DSUB 9 connector for flexible integration with external control and automation systems.
8. **MIC/LINE I/O DSUB:** Four channels of high quality microphone and line level input and output featuring premium AD/DA conversion.
9. **AES3 I/O DSUB:** Four channels of AES3 digital input and output with SRC.

Tech Specs

Interfaces

MADI Ports (I/O):	4 x SFP (empty cage without transceiver)
Network:	2 x RJ45 (1 Gbit/s), audio network 1 x RJ45 (1 Gbit/s), management
Analog (I/O):	4 x MIC/LINE input via DSUB-25 4 x LINE output via DSUB-25
AES3 (I/O):	4 x AES3 input/output via DSUB-25
Headphones Outputs:	4 x 6.3 mm TRS jack, mono / stereo 1 x 3.5 mm TRS jack, mono/stereo Output level: max. +18 dBu SNR: -118 dB RMS (20 Hz - 20 kHz) THD+N @ 0 dBFS: -109 dB @ 600 Ω
Word Clock (I/O):	2 x coaxial BNC (75 Ω termination switchable)
GPIO:	GPI 2 x Voltage Input via DSUB-9 GPO 2 x MOSFET switch via DSUB-9
USB:	1 x USB 2.0 (A) for control 1 x USB 3.1 (C, lockable) for control

Digital

Sample Rates:	44.1, 48, 88.2, 96, 176.4, 192 kHz (+/- 12,5%)
MADI Formats:	48k / 96k Frame, 56 / 57 / 64 channel, S/MUX
Audio Network Options:	Dante (64 I/O channels @ 1 FS) AVB / MILAN (64 I/O channels @ 1 FS)

Analog

Input Sensitivity:	-55 dBu to +24 dBu
PAD:	-9 dB (switchable)
Phantom Power:	+48 V phantom power (switchable)

A/D

SNR @ 0 dB Gain:	-118 dBFS RMS (20 Hz - 20 kHz)
THD @ -1 dBFS:	-113 dB
EIN @ 60 dB Gain	-118 dBu (20Hz Hz - 20 kHz)
Frequency response:	-0.5 dB (10 Hz to FS/2)

D/A

SNR:	-119 dB (20Hz - 20kHz)
THD+N @ -0 dBFS:	-109 dB (@ 24 dBu)

GLOBAL

Power Supply:	External (60 W, grounded) 2 x USB-C lockable
Power Consumption:	max. 60 W
Display:	3.5" Backlight LED LCD, IPS Transmissive Resolution: 340 x 800 px Touch display
Buttons:	1 x Encoder knob with push functionality 2 x Push-Buttons
Dimensions:	Width 310 mm Height 1 RU (44 mm) Depth 210 mm
Weight:	about 2,5 kg