

AURON

feels good does more



We designed the AURON to fulfill the requirements for the ultimate sounding digital console.

To meet the highest resolution audio you can imagine with a bandwidth in excess of 100kHz, the bottom line was the signal path had to be analog. Only this way we could guarantee an unbelievable transparent sounding console and super quiet at the same time.

This was step one, then control, this should be of course digital, making control of all the parameters very easy to repeat and it opens up a whole bunch of software controllable features.

Ultimately, it is about whether the DJ can make a good radio program. All its requirements must be fulfilled in such a way that you do not get drunk in options/features. We opted for digital controls and surprise you have best-of-both-worlds!

A console like this is unique and does not yet exist. There is a 10 channel fader unit and a master section. In this way you can drop one, two or more 10 fader sections into your furniture left or right of the master section to create a convenient set of tools.

The back panel can accept 2 expansion boards

Slot-1 for BT (Wireless Phone Channel), Telephone Hybrid (POTS) RIAA or AES3 in. Slot-2 can accept a Dante Card.

MIC, LINE, USB, DANTE AND TELEPHONE IN-OUTPUTS AT EVERY FADER POSITION

The AURON hybrid console offers impressive flexibility with its channel card options. There is a choice out of 2 channel cards. A mic/Line card and a Telecommunication card.

The MIC LINE card has a software input selection of MIC/LINE/Slot 1 and Slot 2.

The Telecommunication card provide users with a VoIP input, balanced line, Cinch line and USB, plus access to the 2 slots that can accept a Dante card, AES 3 card, a Telco card and BT as well as a dual POTS card.

Additional features are Insert, GPO jack, and remote enhance connectivity and control options.

The inclusion of CleanFeed and GPO jacks further enhances its suitability for telecommunication setups.

Both channel cards boast essential controls such as gain adjustment, three-band EQ, Aux send, and OLED display for easy monitoring and parameter adjustment.

The phantom power and low-cut software switches on mic inputs help manage unwanted low-frequency noise.

The inclusion of smooth-running K-Alps faders, with the option for motor faders, ensures precise control over audio levels.

Direct Talk functionality simplifies communication with callers, while fader start capabilities streamline play-out music control.

MASTER SECTION DESIGNED FOR RADIO

The AURON's master section has controls for CRM and headphone levels, as well as those for the Studio area. The inclusion of dedicated switches for launching jingles and controlling input sourcing adds convenience and efficiency to the workflow, making it user-friendly for operators.

The 7" color touchscreen provides a visual interface for monitoring master levels and controlling onboard processing.

The inclusion of encoders allows for precise adjustment of parameters and easy access to presets, facilitating total recall of settings for efficient workflow management.

The modular design with 10 fader segments and a master section, linked by a special cable, offers scalability and flexibility for different setups.

Each fader segment has its own power supply, ensuring reliability and stability in operation.

Overall, the AURON's combination of intuitive controls, advanced features, and modular design makes it a powerful and versatile tool for radio broadcasting, offering both professional functionality and user-friendly operation.



**NOW IS THE TIME TO INSTALL YOUR OWN
ON-AIR | PRODUCTION ROOM | WEBRADIO**

The AURON emerges as the focal point for local and regional radio production, whether in studio setups or even at home. Its comprehensive yet intuitive features make it the perfect companion for creating dynamic and engaging radio programs quickly and efficiently. Compact and reliable, the AURON is designed for Drop Through mounting, seamlessly integrating into your studio setup to provide that polished and professional touch you seek. Its user-friendly interface ensures that operators can easily navigate through its functions, making it ideal for on-the-spot radio programming where time is of the essence. Moreover, the AURON facilitates easy interfacing with outboard signal processors, allowing for further customization and enhancement of audio signals to meet specific production needs.

SUMMARY

We hope this brief overview has given you an insight into the potential of this new AURON Broadcast mixer.

If you require further information please do not hesitate to contact one of our offices or your local dealer who will be pleased to assist you. Or visit our AURON product page on our website www.dnrbroadcast.com/auron.

**SPECIFICATIONS MIC/LINE MODULE
INPUTS**

Mic inputs: balanced 2kOhm, XLR.
Phantom: +48 volt.
Noise: - 128 dBr (A-weighted).
Sensitivity: - 70dB min, 0dB max.
Insert : Jack unbal. send 600 Ohm, -10dBV.
Return: unbalanced 10kOhm -10dBV.
Line inputs: unbal., 10kOhm, Cinch.
Gain: range of 40dB.
Phono inputs: unbal. 47kOhm, 5 mV.
USB: 2x Stereo in and 2x stereo Program out.
2 Track return: - 10 dBV at 10kOhm.
Aux returns: - 10 dBV at 10kOhm stereo

TELECOMMUNICATION MODULE (VoIP/USB)

USB connector
Line inputs: unbal., 10kOhm, Cinch.

OUTPUTS

Left/Right: + 4 dBu bal. XLR.
Monitor/Aux : + 4dBu unbal. on Cinch.
Cleanfeed/Announcer: + 4dBu, Jacks.
Tape output: -10dBV, unbal. Cinch.
Headphone: 16-600 Ohm, Jack.
Announcer: 16-600 Ohm, Jack.
USB out: Main program stereo signal
AES/EBU: Output level: 0dBu = -9dBFS) (44.1kHz) (optional).

EQUALIZER

High : + / -12 dB at 12kHz shelving.
Mid : + / -12dB at 1 kHz bell curve.
Low : + / -12dB at 60 Hz bell curve.

OVERALL

Frequency response: 10 - 100.000Hz.
Distortion: < 0.009% max at 1 kHz.
GPO: Opto FET for remote control.
Ac input range: 85Volt AC up to 264Volt.
Power consumption: 36VA per section.
Emberplus via Ethernet Interface.

OPTIONS

10 channel Fader extenders
Motorfaders
AES-3 Program outputs
Dante card

BT card (Wireless Phone Link)
Telco card (POTS)
Several Break out panels to convert RJ11 connections into XLR's and/or Jacks.



DIMENSIONS

10 CHANNEL SECTION
Left-Right: 383mm width.
Front-Back: 400mm.
Space below front panel: 20mm for table top.
Weight: 11 kg.
For Drop through mounting cut a hole of W 365 x F/B 385 mm (console height at the backside is 116mm, frontside 70mm).

MASTER SECTION

Left-Right: 220mm width.
Front-Back: 400mm.
Height: 95mm
Space below front panel: 20mm for table top.
Weight: 3 kg.
For Drop through mounting cut a hole of W 205 x F/B 385 mm (console height at the backside is 116mm, frontside 70mm).

HEADOFFICE

D&R Electronica b.v.
Rijnkade 15-b
1382 GS WEESP
Netherlands
Phone: ++31 (294) 418 014
Website: www.dnrbroadcast.com
Email: sales@d-r.nl

