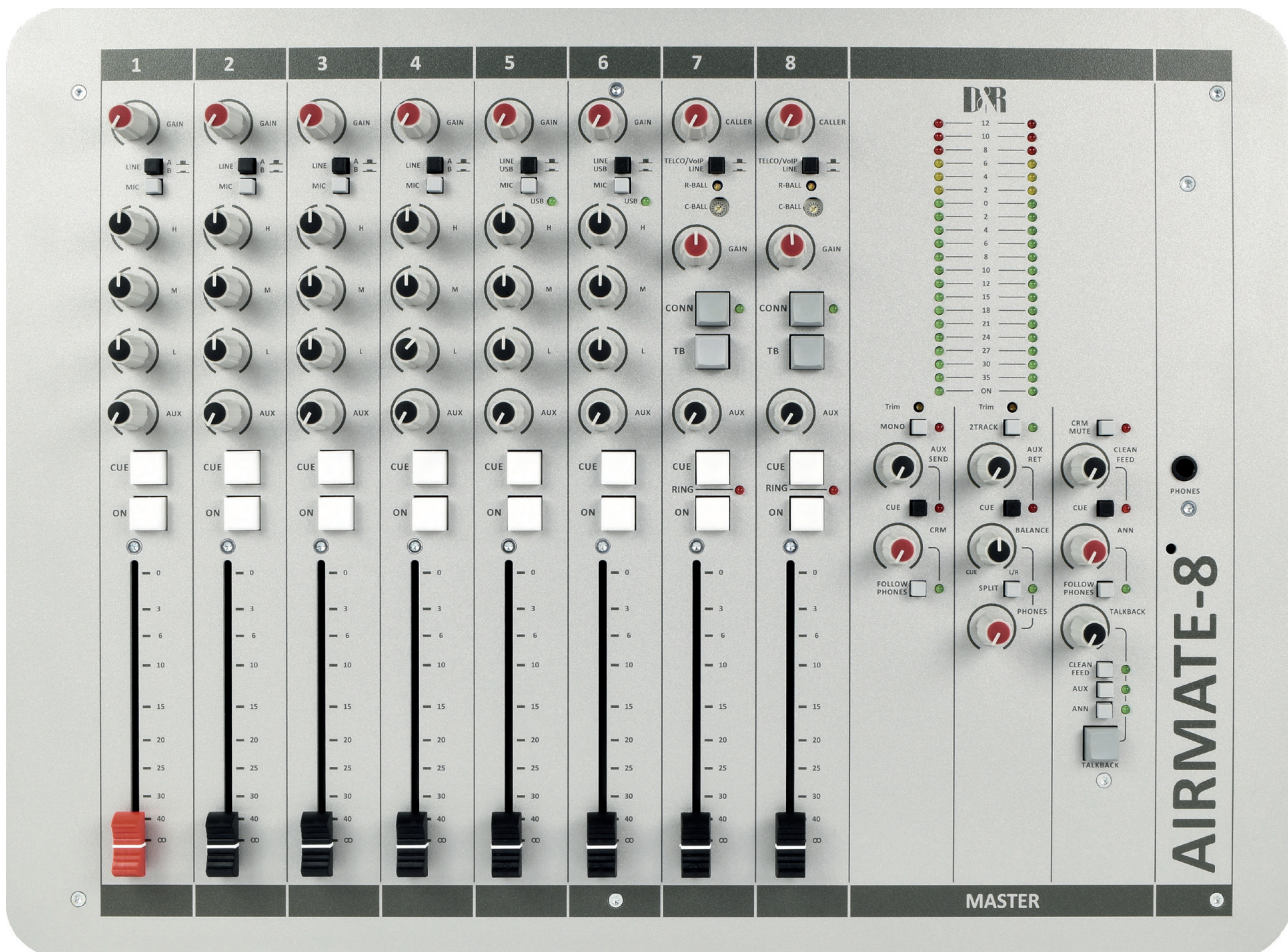


AIRMATE-USB



PRODUCTION | ON-AIR CONSOLE

Discover the Airmate-USB, an adaptable and robust solution tailored for radio production mixing, ideal for self-operated DJs. Featuring advanced low-noise circuitry and essential features such as internal Telephone Hybrids, USB connectivity, and a rack-mounted design, it stands as a dependable tool for broadcasting requirements.

One standout feature is its versatility, highlighted by 8 vertical triple input modules that offer extensive input possibilities. With six channels supporting balanced microphone inputs and stereo line level inputs, it accommodates diverse audio sources. The ability to convert line level inputs into phono channels using an R.I.A.A. equalized phono pre-amp enhances its flexibility even further.

Moreover, the console provides four Mic inserts for seamless integration of processing equipment, allowing for effortless incorporation of effects or signal enhancements into productions.

In summary, the Airmate-USB strikes a balance between performance, versatility, and affordability, appealing to both seasoned radio production professionals and DJs seeking a comprehensive mixing solution.

Introducing the new Airmate-USB 8-channel model, engineered for professional radio production:

- Features 6 bal mic inputs with +48V phantom power and inserts.
- 12 stereo line inputs, 2x USB ports, and 2x built-in Telephone Hybrids. An optional VoIP channel board is available.
- Channels 5 and 6 offer Mic/Line inputs and USB interfaces for seamless audio transfer to and from your PC.
- Channels 7 and 8 provide stereo line inputs and RJ-11 connectors for POT line and telephone unit interface. Built-in high-quality Hybrids with R and C balance facilitate direct Talkback to Hybrid channels.
- The front panel ON switch is integrated with a faderstart for flexible start activation via fader or ON switch. In Mic mode, faderstart generates Mic-on signaling for ON-Air light activation.
- Channels 1-6 feature a 3-band Equalizer, while the stereo Aux send can be pre or post fader.
- All mic inputs include low-cut jumpers for enhanced audio clarity.
- Offers a clean feed send for external Hybrids, enhancing versatility in broadcasting setups.

Experience the versatile control capabilities of the Airmate-USB, designed to enhance your radio production setup:

- Essential master controls include stereo master faders, stereo Aux send and return, monitor master with “follow phones,” and a phones output with a split control function.
- Adjust volume dynamically with a balance control between the main output and stereo Cue signal.
- Self-op switching automatically adjusts control room levels when the DJ mic is active.
- Clean feed output facilitates connection to external Telephone Hybrids for talk shows and interviews.
- Option for more Hybrid channels with an external cleanfeed output.
- Announcer output, normally synchronized with the main output, can be tailored to follow selected cue signals in “follow phones” mode.
- Activate the built-in electret microphone with a large Talkback switch for seamless communication with Clean-feed output, Aux output, and/or Announcer output.



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

Discover the Airmate-USB, meticulously crafted as the centerpiece for local radio production, whether in a professional studio or at home. Its intuitive features make it the perfect companion for creating dynamic radio programs with ease.

Compact and reliable, It also serves as a versatile On-Air mixer or can be seamlessly integrated into your own Internet Radio station. Even on a tight budget, the Airmate-USB remains a valuable investment. It adapts effortlessly to evolving needs; for instance, it can transition from On-Air duties to production use. Should you expand to a larger On-Air mixer in the future, the Airmate-USB continues to serve effectively in various roles without becoming obsolete.



SUMMARY

Thank you for exploring the Airmate-USB on-air console with us. Renowned for its versatility and reliability, it stands as an impressive piece of equipment. To delve deeper into its capabilities or to seek further information, we encourage you to contact our offices, reach out to local dealers, or visit the Airmate-USB product page. Should you have any specific inquiries or wish to highlight particular details, please feel free to share—we're here to help!

SPECIFICATIONS

INPUTS

Mic inputs: balanced 2kOhm, XLR.
Phantom: +48 volt.
Noise: - 128 dB (A-weighted).
Sensitivity: - 70dB min, OdB 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

USB

Fully compliant with USB 2.0 playback and record mode. 2x Stereo in and main stereo left right signal on both USB connectors
HID Functions: Volume/Mute

TELEPHONE HYBRIDS

RJ-11 connectors for phone line/dialler
Mix Minus rejection @1kHz -30dB.

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 - 60.000Hz.
Distortion: < 0.009% max at 1 kHz.
Start switch: Opto FET.
Ledbars: 2x 21 segment.
Ac input range: 85Volt AC up to 264Volt.
Power consumption: 36VA.

OPTIONS

Optional: AES-3 Program outputs.
VoIP channels.
WPC (Wireless Phone Channels)
Studio remote unit.



DIMENSIONS

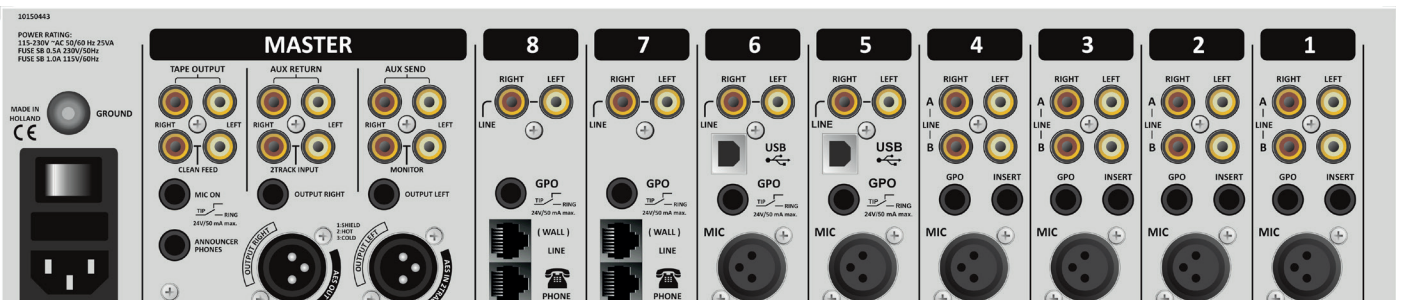
Left-Right: 19" rack mount (482mm width).
Front-Back: 356mm (8HE).
Height: 95mm.
Space below front panel: 20mm for table top.
Weight: 11 kg.
For Drop through mounting cut a hole of 450 x 330 mm (console height is 95mm).



HEADOFFICE

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

Backpanel



Feels good does more

D&R Electronica bv, Rijnkade 15-b, 1382 GS, Weesp, Netherlands
Phone: +31 (0)294 418 014 | www.dnrbroadcast.com | sales@d-r.nl