

# AIRLAB-DT WEBSITE DATA

## DESCRIPTION

The new AIRLAB DT radio ON-AIR console is D&R's solution for applications where features and functions has to be weighed up against operational simplicity. A simple direct accessible control surface combined with intelligent instantly reset able digital functions enables customizing to station requirements and even to personal requirements because of the use of a personalized chip card, holding all important functional data. Purchasing choices are straightforward: the welded steel drop through frame will accommodate a maximum of 16 triple input modules with or without EQ, a digital AES/EBU in/output module, an USB module, a Control Module and an unlimited number of Telco modules (up to 16) and the master section.

The main outputs are electronically balanced (transformer balancing is an option) and the majority of connectors are on balanced XLRs.

With a sales track record (2017) of more than 900 consoles in the field, this On-Air mixing console has proved its popularity and... reliability.

## FEATURES

- 16 module positions
- Modern D(rop) T(hrough design)
- Play-out Control Module
- Program and Sub busses
- Ideal for production and On-AIR use
- USB and Digital modules
- Bi directional Cue communication buss
- Software metering

## SPECIFICATIONS

### INPUTS:

Mic inp : bal. 2kOhm - 128dBr (40dB gain range plus 30dB of trim range)  
Line inp : bal 10kOhm +/- 20dB gain range.  
Telco input : (XLR) 10kOhm bal. 0dBu nominal.  
CMRR : mic input max gain: 1kHz 85dB  
Line inp : max gain 1 kHz 80dB

### EQUALISATION:

+/- 12 dB @ 10kHz shelving  
+/- 12 dB @ 3kHz bell curve  
+/- 12 dB @ 60 Hz shelving  
Low Cut: 80Hz, 12dB per octave (mic only)  
Low Cut: 200Hz, 6 dB per octave (Telco only)  
High Cut: 8 kHz, 6 dB per octave (Telco only)

### OUTPUTS:

Left/Right : +6dBu electronically balanced (transformer balancing is an option)  
Sub : +6dBu electronically balanced.  
:All other outputs: +6dBu unbalanced.

**OVERALL:**

Frequency response : 20-20.000 Hz +/-0.5dB  
Harmonic distortion : 0.035% (VCA in, 2nd harm)  
Crosstalk : less than -90dBr  
Noise : -86dBr  
Headroom : +22dB internal, 16dB on outputs  
Mix-Minus rejection : @1kHz -60dB  
Channel fader attenuation : 1kHz, 100dB

**REMOTES:**

All channel remotes are on stereo jack sockets.  
Start/Stop switching is by isolated reed relays.  
Both ON-AIR 1 and 2 (red light) outputs are isolated by relays.

**DIMENSIONS AND WEIGHT**

50 kg / 110 Lbs  
Drop through mounting hole dimensions:  
590mm x 775mm

**VIDEO**

[http://www.youtube.com/watch?v=fE2TX7L\\_HeY](http://www.youtube.com/watch?v=fE2TX7L_HeY)

**DOWNLOADS**

<http://www.d-r.nl/assets/1-airlab-dt-brochure-web2.pdf>

<http://www.d-r.nl/assets/airlab-dt-manual-1.04.pdf>

<http://www.d-r.nl/assets/quickstart-aircast-airlab.pdf>