AIR-5
ANALOG RADIO MIXER

AUDIOARTS

Flexible. Affordable. Built To Last.

Audioarts AIR-5

analog radio mixer

The AIR-5 audio console is a 16-fader console with all the essentials for smaller studios or for newsrooms.

AIR-5 builds on the AIR series by Audioarts with USB input/output connectivity.

Play audio directly from the PC or output audio to PC recording software as well as play cuts from MP3 players.

The AIR-5 has four microphone preamps built in, which allows the use of a host microphone and three guest microphones without the use of any external mic preamps. It gives you 16 input faders, plus auto mix-minus for call-ins, two program busses, built-in CUE speaker and CR, and headphone and studio monitoring control.

With basic features like cue, talkback, and mix-minus included, it's perfect for smaller stations looking to upgrade as well as for larger facilities in need of an auxiliary studio or newsroom console. Add USB connectivity for PC news, production workstations or streaming audio, and the AIR-5 is perfect for news and internet broadcasts.

- 16-channel frame
- 16th phone caller fader with talkback and auto mix-minus to caller
- USB input/output connectivity
- Switched VU meters
- Two program busses with balanced outputs (switchable stereo or mono mode)
- Four high performance mic preamps with variable gain trims to precisely match your microphones
- Electronic switching
- LED illumination

- Tabletop mount; compact frame
- Built-in cue speaker can automatically interrupt your main stereo monitors
- Split cue
- Headphone jack with built-in amplifier
- External input feeds the monitor section (for live air or pre-delay air monitoring)
- USB connection for extra versatility
- RJ-45 connectors for low-cost wiring
- Balanced or unbalanced inputs/outputs for consumer or professional grade equipment

Specifications

AUDIO INPUT

Mic
Direct wire plug terminals, balanced Electronic differential, >2KΩ bridging Adjustable sensitivity, max. input -6dBu

Line (Caller, External)
RJ-45 balanced, >10KΩ bridging +4dBu = 0VU, max. input +24dBu

AUDIO OUTPUT

Program & Caller
RJ-45 connectors, balanced Electronic differential, 100Ω source Impedance to drive >600Ω 0VU = +4dBu, max. output +24dBu

CR & Studio Monitor
RJ-45 connectors, unbalanced

Headphone
Stereo 1/4" TRS connector to directly drive typical broadcast style headphones >200Ω

Cue
Cue speaker in meterbridge DB-25 female connector output to drive external power amp

LOGIC

On-AIR
Low current closure to drive external on-air light relay

Channel Start Out
Opto-isolated output closure to remote start external devices

PERFORMANCE

Frequency Response
±0.1dB 20Hz-20kHz (mic & line)

Dynamic Range
Line (unity gain) 113dB
Mic (54dB gain) 100dB

Headroom
24dB above -4dB

Noise
Mic -128dB EIN
Line -87dB ref 0VU

THD+N
Mic <0.02% @-50dBu in, +4dBu out
Line <0.003% @+4dBu in, +4dBu out

Bus Crosstalk
-111dB @1kHz

Stereo Separation
-78dB @1kHz

Off Isolation
-120dB @1kHz

PHYSICAL

Dimensions
28.5" / 72.39cm wide
14.37" / 36.5cm deep
4.06" / 10.31cm height (rear)
1.06" / 2.69cm height (front)

Weight
18.5 lbs / 8.39kg

Shipping Weight
24 lbs / 10.9kg

Power
100-240VAC / 50-60Hz / 50W

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