

# AIR MATE

ANALOG ON-AIR CONSOLE



## FADERSTARTS AND CLEAN-FEEDS ARE STANDARD.

## EXTENSIVE MASTER SECTION DESIGNED FOR RADIO.

We designed the Airmate to fulfil the requirements for a high grade low cost radio production mixer.

Built around well proven low noise circuitry, this console is *the* reliable workhorse for the self-op production D.J.

A heavy duty 19" rack mounted RF shielded chassis houses 8 vertical triple input modules giving a flexibility rarely found in a mixer of this type.

Every input channel has a high quality balanced microphone input or XLR and two stereo line level inputs on Cinch (RCA) connectors. And... every line level B input can be converted into a phono (gramophone) channel by simply fitting an optional R.I.A.A. equalized phono pre-amp.

All balanced Mic inputs have 49 volt phantom power as standard.

The front panel **ON** switch is wired in series with the built in mechanical faderstart enabling selection of start either by fader or hard start via the **ON** switch.

Faderstart generates in the Mic mode a Mic-on signalling. The start jack connector is wired to a completely sealed reed relay for reliable interfacing whatever the equipment.

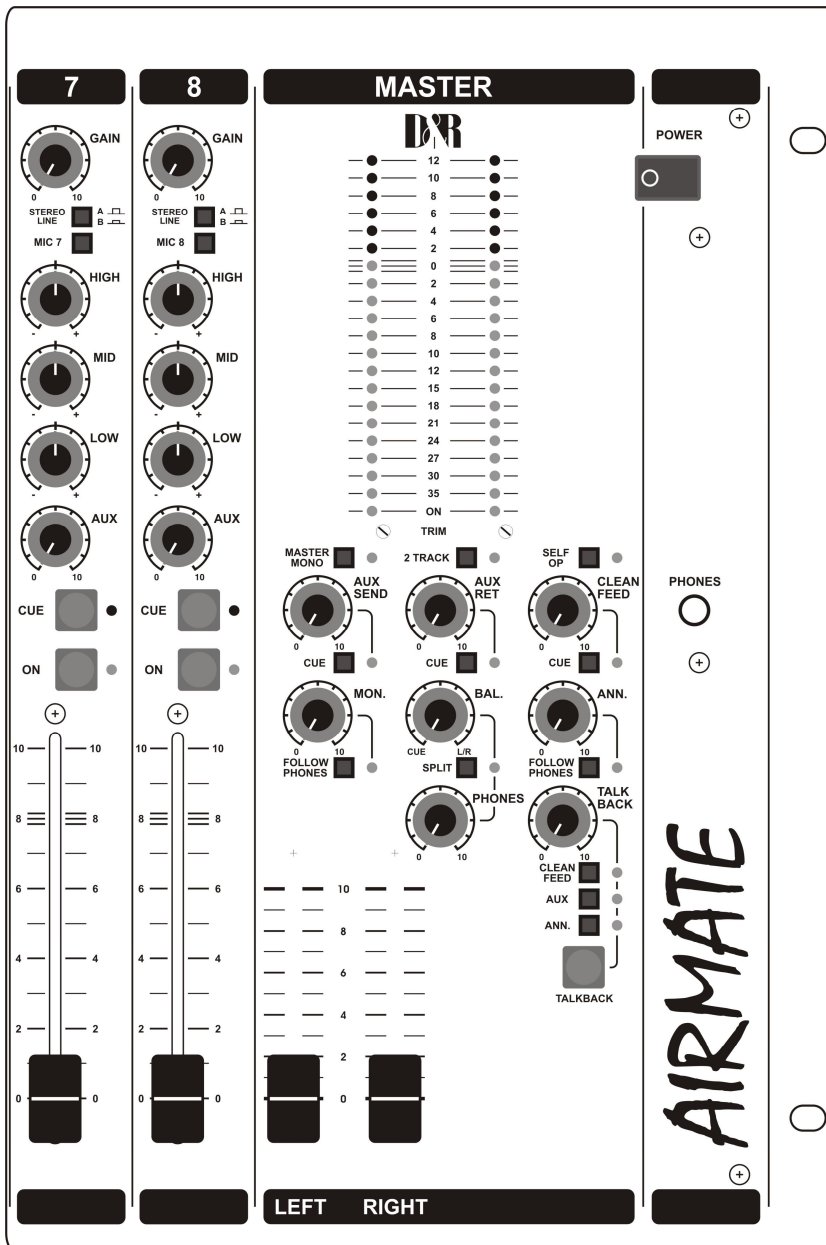
Frequency response can be smoothly corrected by a level restricted 3 band equalizer.

The Aux send can be set by jumpers on the PCB to either be pre or post fader. The mic input has a jumper selectable low cut filter to improve speech intelligibility. All input channels have Mic on control lines and a cleanfeed audio buss for external telephone hybrids.

The Airmate has the usual master controls such as a stereo master fader, Aux send and return, monitor master with "follow phones" and a phones output with split control. There is a balance control to continuously adjust the volume between main output and stereo Cue signal.

In addition, there is a special Radio On-air/production section featuring; Selfop switching to automatically cut control room level when the D.J. mic is active; a Cleanfeed output to drive a Telephone Hybrid for talk shows and interviews; a special announcer output that normally follows main output but can be switched so that the main output, or any cue signal that is selected, can be heard when in the "follow phones" mode.

A large Talkback switch activates the built-in electret talkback microphone for easy communication with the Cleanfeed output, Aux output and/or Announcer output.



## SPECIFICATIONS.

### INPUTS.

Mic inputs: bal, 2kOhm, XLR. Phantom: 48 volt.

Noise: - 122 dBr (A-weighted).

Sensitivity: - 70dB min, OdB max.

Line inputs: unbal., 10kOhm, Cinch.

Gain: range of 40dB.

Phono inputs: unbal. 47kOhm, 5 mV.

2 Track return: - 10 dBV at 10kOhm.

Aux returns: - 10 dBV at 10kOhm ster

### OUTPUTS.

Left/Right: + 4 dBu bal. XLR.

Monitor/Aux : + 4dBu unbal. on Cinch.

Cleanfeed/Announcer: + 4dBu, Jacks.

Tape outp: -10dBV, unbal. Cinch.

Headphone: 16-600 Ohm, Jack.

Announcer: 16-600 Ohm, Jack.

### 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: reed relay.

Ledbars: 21 segment.

### DIMENSIONS:

19" rack mountable.

Height: 356mm (8HE).

Depth: 95mm.

Weight: 9kg.

### HEADOFFICE

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## NOW IS THE TIME TO INSTALL YOUR OWN PRODUCTION ROOM.

## SUMMARY.

The Airmate is designed to be the focal point for local radio production work in the studio or even at home. It's comprehensive, yet understandable features makes it the ideal companion for rapid on-the-spot radio programmes.

Small, reliable and 19" rack mountable ideal for production rooms

It can also double as an On-Air mixer if your budget is tight, never becoming obsolete as it can revert to production use, if, at a later date you fit in a larger On-Air mixer.

The Airmate is also the problem-solver when the big mixers are fully booked.

Useful features to bear in mind when planning your budget.

We hope this brief overview has given you a good insight into the potential of this new "Airmate" on-air console.

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.

Look at our website for distributor details

## CONNECTOR PANEL.

