AIRMATE-12 MK2

PRODUCTION | ON-AIR CONSOLE



The **AIRMATE-12 MK2** is a professional 12-channel broadcast mixing console engineered for self-operated radio, production rooms and web radio.

With motorized faders, extensive I/O, integrated USB audio playback and control, and optional Telco, VoIP and WPC connectivity, it delivers the flexibility and reliability modern broadcasters demand. Redundant external power-supply capability ensures you stay on air.

Drops into the same furniture cut-out as the previous Airmate.

1. 12-channel production and on-air broadcast console
2. Motorized faders with fader start and MIDI control
3. 10 balanced mic inputs with +48V phantom and inserts
4. 18 stereo line inputs and 4x USB interfaces
5. Telco, VoIP and WPC options on channels 11/12
6. Redundant external power supply option and 8-switch Cartwall



MASTER SECTION (REAR)

External AIR input, Stereo Aux send/return, CRM output, Guest/Follow CUE, Phones and Announcer outputs.



PREMIUM CONTROLS

High quality components and clear labelling for confident operation and fast, intuitive workflows.



FULLY CONNECTED

Extensive I/O, USB audio, Telco/VoIP/WPC options and redundant power supply capability.

FEATURES & SPECIFICATIONS

AIRMATE-12 MK2

APPLICATIONS / OVERVIEW

The Airmate-12 MK2 is the ideal on-air console for local radio stations, production rooms, professional studios and web radio.
Designed for intuitive operation and dependable performance, it delivers up to 10 microphone channels with broadcast-grade connectivity and flexibility.



SPECIFICATIONS

INPUTS

- Mic input: balanced 2 kOhm, XLR
- Phantom: +48 volt
- Noise: -128 dBr (A-weighted)
- Sensitivity: -70 dB min, 0 dB max
- Insert: jack unbalanced -10 dBV
- Return: unbalanced 10 kOhm -10 dBV
- Line input: unbalanced, 10 kOhm, Cinch
- Gain: 40 dB range with jumper for 20 dB or 40 dB extra gain
- Phono input: unbalanced 47 kOhm, 5 mV
- Off Air: -10 dBV at 10 kOhm stereo
- Aux return: -10 dBV at 10 kOhm stereo

USB

- USB audio 1.0 compliant, 44/48 kHz playback
- In total 5x stereo in/out connections
- Channel USB interfaces also provide MIDI control functions

TELEPHONE HYBRIDS

- RJ-11 connectors for phone line / dialler
- Mix Minus rejection @1 kHz: -30 dB
- VoIP and WPC channels optional



OUTPUTS

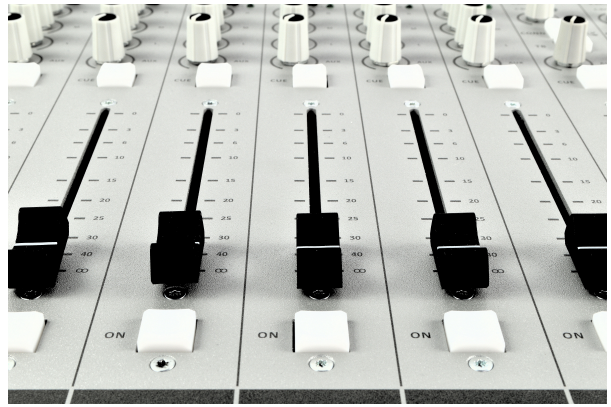
- Left/Right: +6 dBu balanced XLR
- AES-3: 24 bit 48/96 kHz
- Aux: +6 dBu unbalanced on Cinch
- Guest/Headphones: 16-600 Ohm, Jack
- Announcer: 16-600 Ohm, Jack
- CRM: -10 dBV, unbalanced Cinch
- USB out Main program signal + metering

EQUALIZER

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

OVERALL

- Frequency response: 10 - 60.000 Hz
- Distortion: <0.009% max at 1 kHz
- Start switch: Opto coupler
- Ledbars: 13 segment + WEB metering
- Mains input range: 100 volt up to 240 volt
- Power consumption: 35 VA

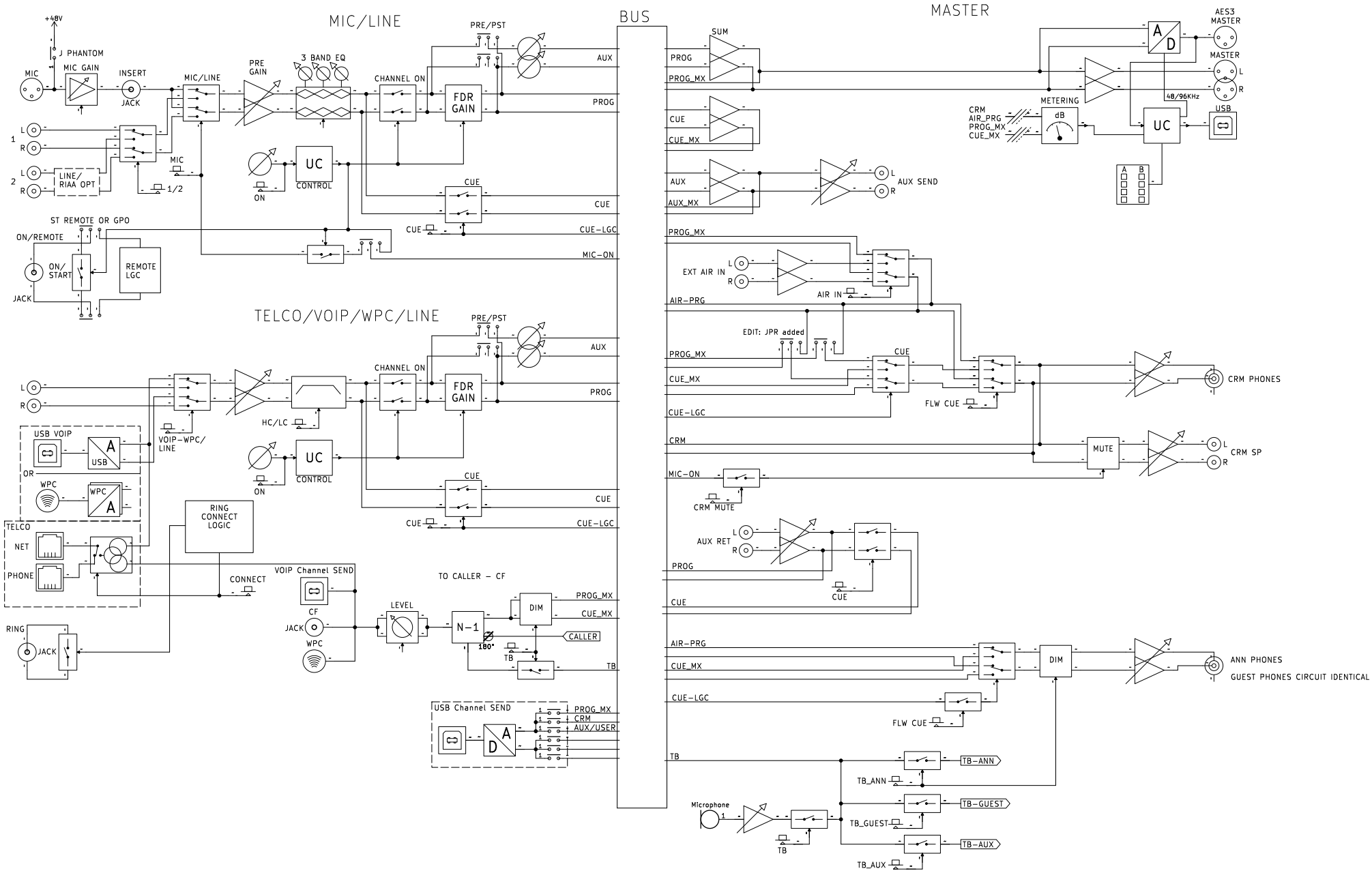


OPTIONS

- Module 11/12: TELCO | VoIP | WPC

DIMENSIONS

- Width: 622 mm
- Depth: 356 mm (8HE)
- Height: 95 mm
- Space below front panel: 20 mm for table top
- Weight: 14 kg
- Drop-through mounting cut-out: 590 x 325 mm


MIC/LINE
BUS
MASTER
+48V
PHANTOM
MIC
MIC GAIN
INSERT
JACK
MIC/LINE
PRE GAIN
3 BAND EQ
PRE/PST
CHANNEL ON
FDR GAIN
AUX
PROG
CUE
CUE–LGC
MIC–ON
UC
CONTROL
ON
1
2
L
R
LINE/ RIAA OPT
MIC
1/2
ST REMOTE OR GPO
ON/REMOTE
ON/ START
REMOTE LGC
JACK
TELCO/VOIP/WPC/LINE
HC/LC
VOIP–WPC/ LINE
USB VOIP
USB
OR
WPC
TELCO
NET
PHONE
RING
CONNECT LOGIC
CONNECT
VOIP Channel SEND
CF
LEVEL
N–1
180°
DIM
CALLER
TB
TO CALLER – CF
USB Channel SEND
D
A
AUX/USER
SUM
PROG_MX
CUE_MX
AUX_MX
AUX SEND
EXT AIR IN
AIR IN
AIR–PRG
EDIT: JPR added
FLW CUE
CRM PHONES
MUTE
CRM SP
CRM
CRM MUTE
AUX RET
ANN PHONES
GUEST PHONES CIRCUIT IDENTICAL
TB–ANN
TB_ANN
TB–GUEST
TB_GUEST
TB–AUX
TB_AUX
Microphone
METERING
dB
A/D
AES3 MASTER
48/96KHz
USB
A
B