Basic Professional On Air Studio

Based around MMS3000 the AEV's professional on air console will be able to connect also to the wired telephone lines, for a very professional modern and complete radio studio. The package include professional dynamic microphones, CD/MP3 player, audio monitors, workstation with software, headphones, On Air Light and RDS an FM Audio Processor with MPX coder. The system is totally pre required to get the Basic package up and running. modular broadcast console, you Radio Automation pre-wired, No technical knowledge whatsoever is running...On Air !

- n.1 AEV MMS300 Modular broadcast console 4 mic/12 line/2 tel
- n.1 Active Audio Monitor pair
- n.1 AEV On Air Light
- n.4 Studio Headphone
- n.1 Headphone Amplifier 4 channels
- n.4 Broadcast dynamic microphone,
- n.3 microphone table stand
- n.1 DJ microphone table stand (two arms)
- n.2 CD/MP3 USB player
- n.1 FM digital tuner
- n.1 Workstation + LCD19"
- n.1 professional Audio card interface & Radio Automation System
- n.1 AEV Mirage MPX audio processor & limiter
- n.1 AEV RDS 4500
- n.1 pre wired studio cable kit

MMS 3000 is AEV's new born of the MMS series, a console that made Radio Stations' history.
MMS 3000 has a modern design that makes it more suitable for new studios' fashion and it is provided with MMS well know reliability. It has a modular configuration that allows a customized configuration to one's exact needs and possible changes for future modifications.
MMS 3000 can be as well provided with AEV's internal telephone hybrids or connected to any other external: this makes it a perfect and complete console for Radio Stations.

General overview:
- All Balanced inputs and outputs
- Modular 16 channel Mixer
- Input modules: Mic-Line, Line-Line and telephone hybrid
- A/B input control
- 100 mm Sliders
- Mic Input with insert I/O and Phantom Supply
- GPIs and GPOs
- Two band tone module to control analog input modules (available only with MIC/LIN & LIN/LIN)
- Telephone opto-coupled hybrid with Digital Echo-canceller plug, parametric tone control
- Meeting function on telephone hybrid (PGM and UTL)
- 3 independent bus (PGM, UTL, AUX) stereo outputs
- 3 independent Analog Stereo Outputs (PGM, UTL and AUX
- CUE Bus
- Control Room and Studio modules with monitor mode selector
- Control Room and Studio out with mute logic
- 2 Analog stereo VU meters: PGM (fix) and automatic CUE metering (switched)
- 2 stereo inputs for external sources
- Integrated "Control Studio Fader" controls

AEV Audio Processor MIRAGE

MIRAGE AUDIO PROCESSOR: TOTAL CONTROL OF MODULATION
Mirage FM divides the signal into 3 frequency bands and controls them separately, acting only on the band in which the peaks are present. This is performed without compromising sound density and maintaining a full and constant modulation. The adjustable functions of Mirage FM allow the audio signal to be processed and immediately adapted to the requirements of the broadcaster. The digital stereo encoder fitted to the Mirage FM MPX as standard, demonstrates just how advanced an audio processing system can be. Beyond guaranteeing superb stereo separation between channels, it ensures maximum levels of modulation and total control of spurious peaks generated by the low-pass filter and pre-emphasis networks present in external coders.
Features of MIRAGE FM:
- Complete control of modulation
- Audio processed on three bands
- Adjustable parameters BASS, PRESENCE, BRILLIANCE and DENSITY
- Adjustable AGC drive and release
- Adjustable Gate Threshold
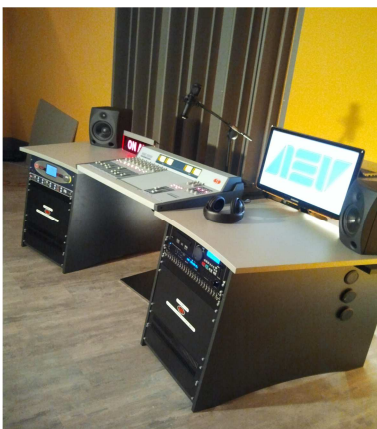- Electronically balanced audio inputs and outputs

Software Radio Automation - fully integrated radio software automation to On Air.

AEV RDS 4500 - coder RDS

RDS 4500, the latest Satellite-programmable version. Radio Data System is digital information, transmission system, introduced by FM radio stations in addition to audio programs. The latest radical development of this system now allows programming of the RDS Coder via Satellite, an indispensable innovation that **AEV** has implemented with the creation of the **RDS 4500**. All the local RDS data are programmed via the transmitting satellite's (uplink) serial port. Data can be programmed separately, one by one, by connecting the serial port to the satellite receiver (down link).

· 50 PSN	· 100 AF LISTE	· 19 KHz Input available
· RS 232 C	· DATE, HOUR and CT	· RDS segnal level adjust
· RADIOTEXT	· TA - PTY - MS	· Extended Country Code
· Fast tuning and switching information	· Traffic Message Channel	· Program Type Name
· Enhanced Other Network	· Linkage Information	· Language Identification Code
· Enabling of transmitted groups		

.Command   TA - TA EON 0 - TA EON 1 - TA EON 2 - TA EON 3 - TA EON 4 - MS - RDS .   OFFremote available on the rear panel via Cannon 25 pin connector

Basic Professional On Air Studio configuration

Guest Microphones & stand

headphones

ON AIR

DJ Microphone & stand

Audio monitor

headphone

Audio monitor

Headphones amplifier

CD/MP3 USB player

CD/MP3 USB player

TEL 1

Tuner

TEL 2

Workstation & Radio Automation Software

RDS

RDS 4500

MIRAGE

FM Audio Processor

To Web streaming

MPX+RDS