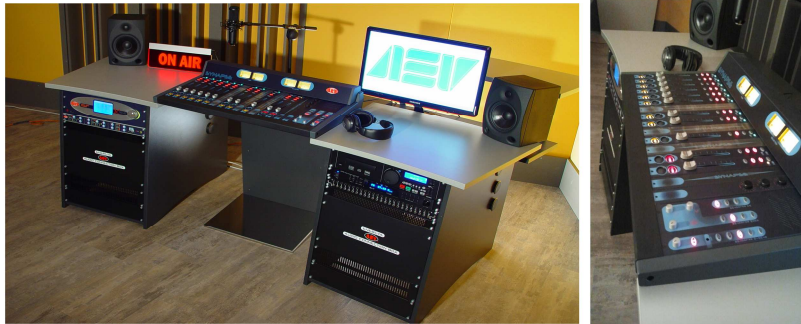




Synapse Digital Studio



The strength of this configuration is the modular console Synapse the professional broadcast console with the digital audio control which allows in a simple way the expansion of the system, you will be able to connect to analog and digital source simply, it include also the telephone hybrid modules, for a very high tech and complete radio studio. The package include professional condenser microphones, professional CD/MP3 player, USB&SD MP3 player/recorder, audio monitors, workstation with Radio Automation software, headphones and On Air Light, the amazing Digital Audio Processor Xtreme with MPX coder and RDS generator integrated. The system is totally pre-wired, The broadcast furniture SOLO model complete ideally and professionally your Studio. No specific technical knowledge whatsoever is required to get the package up and running...and go...On Air !

- n.1 Synapse Modular broadcast console with inputs: 4 mic/12 line/2 tel digital hybrid / DIG In &Out
- n.1 Active Audio Monitor pair
- n.1 AEV On Air Light
- n.4 Studio Headphone
- n.1 Headphone Amplifier 6 channels
- n.4 Broadcast condenser microphone, cardioid
- n.3 microphone table stand MS1
- n.1 DJ microphone table stand REV (two arms)
- n.1 Double CD/MP3 USB player
- n.1 USB/SD player & recorder
- n.1 FM digital tuner
- n.1 AEV DIV5-ST Audio Distributor
- n.1 On Air Workstation + LCD19"
- n. 1 Production Workstation + LCD (OPTIONAL)
- n.1 AEV Xtreme RDS Digital Audio Processor Five Band & RDS
- n. 1 Professional modular table SOLO 2R-1P with two rack 19" integrated (OPTIONAL)
- n.1 pre wired studio cable kit

AEV Broadcast Srl - Engineering Solutions



Synapse is a modular console designed to meet the needs of today's radio stations, offer a wide range of configurations based on a mainframe with 16 slots for input modules .

- General overview:
- All Balanced inputs and outputs
- Modular 16 channel Mixer
- Input modules: Mic-Line, Line-Line, Digital AES/EBU-Spdif-optical and telephone hybrid
- A/B input control
- 100 mm Sliders with Digital VCA control.
- Mic Input with insert I/O and Phantom Supply
- Digital input with automatic sample rate converter (32, 44.1, 48, 96 KHz)
- Three band tone module to control each analog input module
- Telephone opto-coupled hybrid with Digital Echo-canceller plug
- Meeting function on telephone hybrid
- 2 independent bus (PGM, UTL) stereo analog & digital outputs
- CUE Bus
- Control Room and Studio modules with monitor mode selector
- Control Room and Studio out with mute logic
- DIM functions on headphones and Control Room
- 2 Analog stereo VU meters: PGM (fix) and automatic CUE metering (switched)
- Integrate talk back microphone & Built-in CUE speaker
- 2 stereo inputs for external sources (AUX)
- Integrated "Control Studio Fader" controls
- Output opto-coupled ON AIR command
- Golden contact DB connectors for audio and logic GPIs and GPOs

AEV XTREME Broadcast Audio Processor

The simplicity and flexibility of control operations are one of the success factors of an audio processor.

Xtreme contains 20 recommended format presets, which are the simplest prerequisite for obtaining a special sound at once, perfectly adaptable to your musical format. Feel free to create your customized, original sound. A wide LCD graphic display allows you to easily execute all set-up, adjusting and programming operations with Xtreme. **Xtreme** will guide you step-by-step, intuitively, through all process parameters to create your unique, perfect sound. **Xtreme** exploits all the advantages of DSP technology to achieve performances that traditional analog technologies could never hope to attain.



Characteristics & Performances

- 5-band, 100% digital audio processor
- 9 DSPs for processing the most powerful radio algorithms needed to ensure amazing loudness, clean, crystal clear high frequencies plus powerful,
- User-friendly programming
- 82 excellent, easy-to-recall format presets
- Full, powerful modulation always under control
- High performing digital stereo coder
- Available in FM, AM and TV versions.
- AES/EBU IN&OUT

E.V.A.
radio automation system

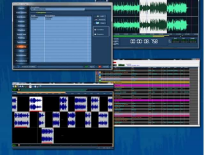


Software Radio Automation
fully integrated radio automation to On Air.

Evolution Value Automation



On Air
Audio Editor
Spot Manager
Playlist Manager
Voice Tracking



Broadcast furnitures - SOLO series

With our experience and the requests of our customers, we projected the new modular furniture system: **SOLO** is a new modular element projected for to assembly all configuration for to customize your radio studio, are available many optional for meet all your request, as guest plan, panels for rackmount 19", monitor shelf and other. **SOLO** is a mounting kit can be assembled easily.



Modules:

- SOLO BASE: basic element with flat, shelf guest / monitor stand with cable holes, ground floor support in acciaio. Colori standard gray/silver, gray/antracite, Steel, Tulipwood
- SOLO RACK: basic element with flat, shelf guest / monitor, vertical support rack 19 "front 15 U, 13U rear, ground floor support in acciaio. Colori standard gray/silver, gray/antracite, Steel, Tulipwood
- SOLO SHELF: An accessory shelf, upper shelf. Standard colors: gray/silver, gray/antracite.
- SOLO PLANE: An accessory plane , a single plane can be mounted between two modules SOLO BASE/RACK. Standard colors: gray/antracite





Synapse Digital Studio configuration

