

## Line of Business:

- Developing, manufacturing and distributing of a wide range of professional studio products for radio & TV broadcasting and their instalations. Mixing consoles, complex equipment set for distribution, processing and metering of electroacoustic signals
- Individually designed fully equipped mobile studios for radio & TV broadcasting - OB Vans. Project and Assembly of the sound part of DSNG Vehicles
- High precision professional analog & digital audio level meters
- Compact analog/digital audio monitoring systems ADS
- Professional undermonitor display for OB Vans, Monitor walls
- Complete consulting services to help design, build and configure recording radio & TV studios, computer DAW systems, live sound systems, consulting & professional services in sphere of analog/digital professional audio systems Turnkey Projects according to customer's demands
- Intercom systems - matrix systems, party-line and 4-wire systems, Duplexcom
- Conference and voting system, complete simultaneous interpretation system
- Sound reinforcement system of interiors & exteriors in theatres, schools, churches, congress halls, sports halls etc.
- Technological furniture according to the customer's demands with accessories (subracks, panels, pull-outshelves, cabinet blowers, 19" slope racks, modular slope consoles)
- Professional turnkey mechanical works. Locksmith production on CNC machines, tooling, mechanical assembly
- Complete services on Printed Circuits Boards market. Layout design and doublesided mixed PCB assembling with SMT & "classical" components. Sample production, basic material buying, final device montage



## TURNKEY PROJECT - Modernization of Czech Radio's regional studios



Czech Radio Brno (2006)



Czech Radio České Budějovice (2004)



Czech Radio Olomouc (2002)

## FROM THE PROJECT TILL THE FINAL REALIZATION...Radio's Outside Broadcast Van for Czech Radio Brno (2003) - fully equipped mobile studio



## PROFESSIONAL ANALOG & DIGITAL AUDIO LEVEL METERS

### 1LM21 with LED CORRELATOR

(201-segment gas plasma display, 102mm)

-analog 1LM21A - available in vertical & horizontal version (DSP processing, PPM+VU, FAST&SLOW mode, OVL, GAIN, MEM, RESET, Remote Control GPI, Balanced XLR)

-digital 1LM21D - available in vertical & horizontal version (DSP processing, FAST&SLOW mode, OVL, GAIN, MEM, RESET, HEADROOM, Remote Control GPI, AES/EBU, SPDIF)



1LM21AH, 1LM21DH



1LM562

## PROFESSIONAL ANALOG AUDIO LEVEL METER

### 1LM562 with LED CORRELATOR, based on LED platform

- horizontal version only

(PPM+VU, FAST&SLOW mode, MEM, INPUT SELECT, RESET, AUTO ERASE, Remote Control GPI, Balanced XLR)



1LM184

1LM21 and its Applications:  
4-Channel monitoring systems  
for Czech Television



1LM084

## MONITOR WALLS, RADIO & TV STUDIO TECHNOLOGICAL FURNITURE according to the customer's demands

### Betacam shelf

### Slovak Television Mlynská dolina (2005)



WS Telshop



BalTec



OPEN & CLOSED 19" RACKS in heights from 10RU to 42RU, Manufacturing of mechanical components (Steel, AL) using BalTec + Powder coating, Silkscreen, SolidWorks design



# elatec s.r.o. - professional audio systems

## AUDIO MONITORING SYSTEMS

### - compact:

- 1MS1082** - 16-channel (8x Stereo), sound control
- 1MS1181** - 24-channel (12x Stereo), EEPROM, manual mode, loop
- 1MS28AD** - hybrid (8x digital audio AES3, 8x analog stereo), sound control
- 1MS2162** - 32-channel (16x Stereo)

### - remote controlled through balanced RS422

- 1AP416, 1AP432** - control in panel, or in desktop version, - controlled up to 1200m
- 1HP4xx** - opened hybrid system, - analog or digital signal selection - optional AES3 signal selection

### - optional configuration upon customer's request

**1MX1212** - Audio generator

1MX1212



1MS1181

**1AP416S (1VP013S+1RC203)**

32-Channel remote control monitoring system



## COMMUNICATION SYSTEMS for OB VANS, RADIO & TV SYSTEMS, THEATRES

Party-line systems, connection with balanced XLR (communication, indication, power through XLR)

- 1FT1205, 1FT1210** - 4-wire terminals or panels (option 2-20 pushbuttons)
- 1CB100** - intercom talkback system for cameraman with Tally red light
- 1FB246** - 6-channel talkback unit, 4x IFB inputs. Extra usefull for OB Vans. **NEW**
- 1TX1616** - Communication exchange, matrix 16x16
- 1TE2164** - Communication exchange for 64 users modular architecture
- 1TD2012...18,24,30...1TD2042** - communication terminals and panels for exchanges
- special panels for studios, speaker room, radio & TV OB Vans



1TD2030



1FB246

4 INPUTS IFB 6-CHANNEL TALKBACK UNIT

## STEREO STUDIO DIGITAL DELAY 1DO2024-SERIES

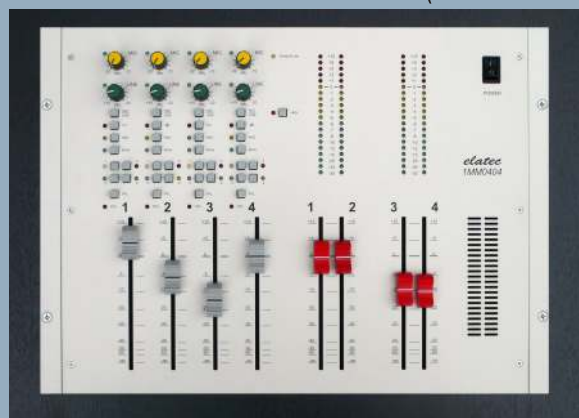
- 1DO2024A** - analog inputs/outputs
- 1DO2024AD** - both analog and digital inputs/outputs
- 1DO2024D** - digital inputs/outputs -OVERLOAD, LOCKOUT, DELAY SW, BYPASS, MUTE up to 2x 2,5 sec of delay time 48kHz, 24 bit, balanced inputs & outputs XLR A/D a D/A - sigma delta
- 1DD24D** - 24bit, up to 2x 240 msec AES/EBU inputs/outputs PEAK, ms, m, frame, LOCKOUT



- 1DDx99** - balanced analog XLR input/output - delay time in meters, msec, frames (1DD099,199,299) - ON, PEAK, SIGNAL status indication



## 1MM0404 - 4-CHANNEL MINIMIX with Faderstart (for Czech TV Praha)



## 1CB00x - COMMENTATOR BOX for OB Vans



## 1DA146 - DISTRIBUTION AMPLIFIER 1xIN/4xOUT



1PL516 - TRANSFORMER UNIT (16xIN/OUT)

## UNDERMONITOR DISPLAY 1UD2002 with CONTROL UNIT 1CD20xx



## CONTROL UNIT 1CD2036



## CONFERENCE and VOTING SYSTEM

