

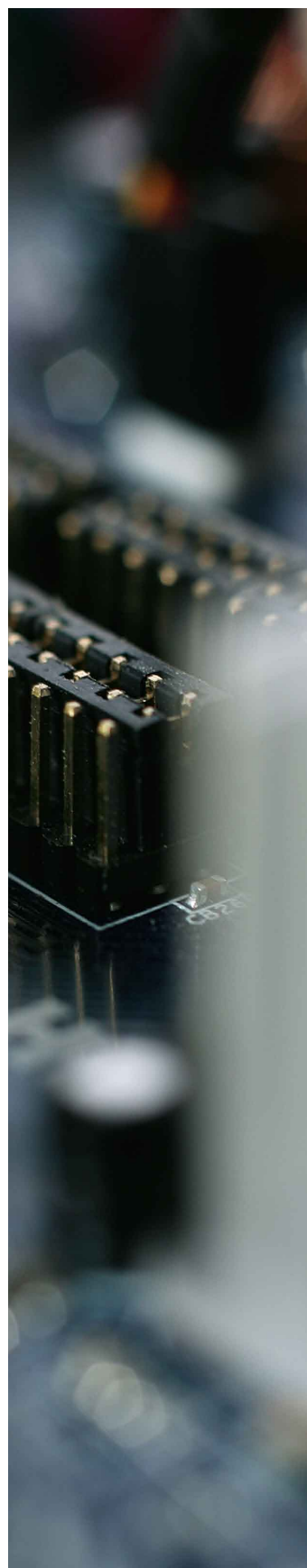


Acoustics Of The Finest!

Electro Acoustics P.A. System ColumBus ELA-09 *incl. Power Amplifier ELA-LV-200*

The ColumBus ELA-09 is an electro acoustic P.A. system specifically developed for public transport systems. It includes a power amplifier plus an acoustic controller for integrated usage in a computer controlled operations control system (RBL and digital station announcement system).

- 19"-cartridge with separate mounting-option, no rack required
- Service-interface for parameter field
- Control input for a announcement device
- Power amplifier: output up to 40 W
- Selective exterior or interior broadcast (left/right/driver)
- Individual sound adjustment
- Inlets: 2 microphones, radio unit, GSM, digital station announcement system and required control inputs
- Four outlets, controllable for all inlets
- Optional emergency-call function with priority assignment



Model	ColumBus ELA-09 incl. Power Amplifier ELA-LV-200
Body	19"-cartridge
Dimensions	3 HE/8 TE/depth 172,5 mm
Operating Temperature	-25° C to + 70° C
Operating Voltage	24 V DC (12 to 32 V)
Power Input	max. 3,5 A
Connector 1	48-pin DIN 41 612 F, compatible to VDV 401
Connector 2	9-pin DIN 41 612 H, serial interface, 9-pin SubD
Voice Frequency	60 Hz to 20 kHz
NF-Input 1 (Micro 1)	35 mV/680 Ω Option: 775 mV
NF-Input 2 (Radio Unit)	775 mV/10k Ω
NF-Input 3 (GSM)	35 mV/680 Ω Option: 775 mV
Inlet 1	Microphone in
Inlet 2	Radio Unit in
Inlet 3	GSM in
Inlet 4	Microphone 2 in
Inlet 5	Speaker (interior/exterior)
Inlet 6	Speaker (driver)
NF-Outlet 1, 2	Speaker: short circuit- and overload proof Outlet 1,2 alternately switchable
NF-Outlet 3	Speaker (driver) max. 15 W / 4 Ω
Power Output	max. 40 W
Output Impedence	selective 4 Ω, 200 Ω
Distortion Factor	< 1 %
Frequency Range	60 Hz to 20 kHz
Setting Range	- 40 dB to + 6 dB
Treble/Bass	- 6 dB to + 6 dB