

 **ColumBus**

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).

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**Acoustics Of The Finest!**

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

- > 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

<b>Model</b>	<b>ColumBus ELA-09 incl. Power Amplifier ELA-LV-200</b>
Body	19"-cartridge
Abmessungen	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 $\Omega$ Option: 775 mV
NF-Input 2 (Radio Unit)	75 mV / 10 k $\Omega$
NF-Input 3 (GSM)	35 mV / 680 $\Omega$ Option: 775 mV
Inlet 1	Microphone in
Inlet 2	Funk 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 $\Omega$
Power Output	max. 40 W
Output Impedance	selective 4 $\Omega$ , 200 $\Omega$
Distorsion Factor	< 1 %
Frequency Range	60 Hz to 20 kHz
Setting Range	- 40 dB to + 6 dB
Treble / Bass	- 6 dB to + 6 dB