



*Active Digital Matrix Line. Evenly Sound pressure level - for listeners close to the speaker the sound is not too noisy and for the listeners away not too quiet.*

- The most significant progress towards the development of loudspeakers production
- Digital control:
  - direction of emission
  - opening angle and focus distance
  - tilting the radiation sound beam in the vertical plane without physically changing the position of loudspeaker
- The sound pressure level is evenly distributed - for listeners, that are close to the speaker, the sound is not too noisy, and for listeners that are too far away - not too quiet.
- Use of the radiant energy for the back of the speaker, which flat bounces off of the wall, back to the listeners.
- ACML loudspeakers ensure a clear natural sound experience, with high speech intelligibility.
- All settings are made with the help of "ACML-Control" software, that is included in the scope of supply.
- Additional use of DSP processors, which eliminate the need for additional equalizers.
- Because of their aesthetic shape, this loudspeaker fits into any environment.

Technical data	ACML-3C/115	ACML-3C/230	ACML-3C/350
Power rated [W]	140	210	270
Frequency-range [Hz]	100 - 18k	90 - 18k	90 - 18k
Guaranteed Sound power at SPL = 95dB (pink noise) IEC 60268-1	15m(*)	25m(*)	40m(*)
Number of neodymium speakers (3,5")	10pcs.	20pcs.	27pcs.
Number of magnetostatic neodymium speakers	2pcs.	3pcs.	4pcs.
Number of DSP channels	8	16	16
Opening angle in the horizontal plane (constant)	130° (-6dB, 1kHz ÷ 8kHz)	130° (-6dB, 1kHz ÷ 8kHz)	130° (-6dB, 1kHz ÷ 8kHz)
Opening angle in the vertical plane (variable)	6° ÷ 14°	6° ÷ 14°	4° ÷ 10°
Nominal input level [dB]	0dB - line input or +50dB - input line speakers 100V	0dB - line input or +50dB - input line speakers 100V	0dB - line input or +50dB - input line speakers 100V
Impedance input (symmetrical) [kΩ]	15 - line input or 40 - input line speakers 100V	15 - line input or 40 - input line speakers 100V	15 - line input or 40 - input line speakers 100V
Gain control input [dB]	- 20 ÷ + 6	- 20 ÷ + 6	- 20 ÷ + 6
Delay input [m]	170	170	170
Limiter input [dB]	-40 ÷ + 6	-40 ÷ + 6	-40 ÷ + 6
Noise - gate input	-90dB , -3dB - threshold 20us , 5000us - setting time 1ms , 3000ms - release time	-90dB , -3dB - threshold 20us , 5000us - setting time 1ms , 3000ms - release time	-90dB , -3dB - threshold 20us , 5000us - setting time 1ms , 3000ms - release time
10-point input parametric equalizer	F: 20Hz , 20kHz Bw: 0,05oct. , 3,0oct. G: -12dB , +12dB,	F: 20Hz , 20kHz Bw: 0,05oct. , 3,0oct. G: -12dB , +12dB,	F: 20Hz , 20kHz Bw: 0,05oct. , 3,0oct. G: -12dB , +12dB,

<b>Technical data</b>	<b>ACML-3C/115</b>	<b>ACML-3C/230</b>	<b>ACML-3C/350</b>
	PEAK LoSh6, LoSh12, HiSh6, HiSh12	PEAK LoSh6, LoSh12, HiSh6, HiSh12	PEAK LoSh6, LoSh12, HiSh6, HiSh12
Power amplifiers [W]	8x20W Class D	16x20W Class D	16x20W Class D
Power supply [V]	230V or 115V (50Hz, +/-10%)	230V or 115V (50Hz, +/-10%)	230V or 115V (50Hz, +/-10%)
Power consumption (nominal) [VA]	30	30	30
Power consumption (maximum) [VA]	160	300	370
Dimensions height/width/depth [mm]	1156/95/113	2312/95/113	3468/95/113
Weight [kg]	5,3	9,6	13,8