



NEW!! Modern amplifier equipped with a DSP signal processor that enables precise correction of sound characteristics in objects with very challenging acoustic conditions. The amplifier activates only the microphones that are in use at a given moment, which eliminates the impact of ambient noise coming from unnecessarily open microphone channels. The amplifier is equipped with an MP3 player, a liturgical clock that switches between three presets according to previously programmed dates and times, and a "DE-ESSER" that eliminates sibilants during speech.

TECHNICAL DATA	MA-4C/400	MA-4C/400 + 200	MA-4C/400 + 400	MA-4C/600	MA-4C/600 + 200	MA-4C/1000
Output power (sine)	400W	400W + 200W	400W + 400W	600W	600W + 200W	1000W
Balanced output	100V, 70V, 50V, 8Ω, 4Ω	100V, 70V, 50V, 4Ω	100V, 70V, 50V, 4Ω	100V, 70V, 50V, 4Ω	100V, 70V, 50V, 4Ω	100V, 70V, 50V, 4Ω
Programmable, balanced microphone and line inputs. electronic	XLR inputs: 1-8	XLR inputs: 1-8	XLR inputs: 1-8	XLR inputs: 1-8	XLR inputs: 1-8	XLR inputs: 1-8
- MIC/LINE switch	yes	yes	yes	yes	yes	yes
- MIC sensitivity adjustment	-40dB -15dB	-40dB -15dB	-40dB -15dB	-40dB -15dB	-40dB -15dB	-40dB -15dB
- LINE sensitivity adjustment	-15dB +5dB	-15dB +5dB	-15dB +5dB	-15dB +5dB	-15dB +5dB	-15dB +5dB
- impedance	1,6kΩ	1,6kΩ	1,6kΩ	1,6kΩ	1,6kΩ	1,6kΩ
- Phantom power	24V DC	24V DC	24V DC	24V DC	24V DC	24V DC
- HPF Filter	100 Hz, 6dB/oct.	100 Hz, 6dB/oct.	100 Hz, 6dB/oct.	100 Hz, 6dB/oct.	100 Hz, 6dB/oct.	100 Hz, 6dB/oct.
- Adjustment: bass, soprano	±12dB, 100 Hz, 10 kHz, shelving filter	±12dB, 100 Hz, 10 kHz, shelving filter	±12dB, 100 Hz, 10 kHz, shelving filter	±12dB, 100 Hz, 10 kHz, shelving filter	±12dB, 100 Hz, 10 kHz, shelving filter	±12dB, 100 Hz, 10 kHz, shelving filter
- Signaling	Green LED - Active channel Red LED - Clipping	Green LED - Active channel Red LED - Clipping	Green LED - Active channel Red LED - Clipping	Green LED - Active channel Red LED - Clipping	Green LED - Active channel Red LED - Clipping	Green LED - Active channel Red LED - Clipping
Universal input (mono)	RCA input: 9	RCA input: 9	RCA input: 9	RCA input: 9	RCA input: 9	RCA input: 9
- input sensitivity	-10dB +12dB	-10dB +12dB	-10dB +12dB	-10dB +12dB	-10dB +12dB	-10dB +12dB
- impedance	10kΩ	10kΩ	10kΩ	10kΩ	10kΩ	10kΩ
- adjustment: bass, soprano	±12dB, 100 Hz, 10 kHz, shelving filter	±12dB, 100 Hz, 10 kHz, shelving filter	±12dB, 100 Hz, 10 kHz, shelving filter	±12dB, 100 Hz, 10 kHz, shelving filter	±12dB, 100 Hz, 10 kHz, shelving filter	±12dB, 100 Hz, 10 kHz, shelving filter
Limiter	Dual, peak-level: on DSP input and power amplifier output	Dual, peak-level: on DSP input and power amplifier output	Dual, peak-level: on DSP input and power amplifier output	Dual, peak-level: on DSP input and power amplifier output	Dual, peak-level: on DSP input and power amplifier output	Dual, peak-level: on DSP input and power amplifier output

TECHNICAL DATA	MA-4C/400	MA-4C/400 + 200	MA-4C/400 + 400	MA-4C/600	MA-4C/600 + 200	MA-4C/1000
10-point parametric equalizer on DSP input	±12 dB, 0,05 3oct. 20Hz 21,2kHz	±12 dB, 0,05 3oct. 20Hz 21,2kHz	±12 dB, 0,05 3oct. 20Hz 21,2kHz	±12 dB, 0,05 3oct. 20Hz 21,2kHz	±12 dB, 0,05 3oct. 20Hz 21,2kHz	±12 dB, 0,05 3oct. 20Hz 21,2kHz
5-point parametric equalizer on 4 output channels	±12 dB, 0,05 3oct. 20Hz 21,2kHz	±12 dB, 0,05 3oct. 20Hz 21,2kHz	±12 dB, 0,05 3oct. 20Hz 21,2kHz	±12 dB, 0,05 3oct. 20Hz 21,2kHz	±12 dB, 0,05 3oct. 20Hz 21,2kHz	±12 dB, 0,05 3oct. 20Hz 21,2kHz
Acoustic feedback eliminator on 3 output channels	phase shifter	phase shifter	phase shifter	phase shifter	phase shifter	phase shifter
MP3 player	yes	yes	yes	yes	yes	yes
Delay on 4 output channels	0 – 85 m	0 – 85 m	0 – 85 m	0 – 85 m	0 – 85 m	0 – 85 m
Expander compressor on 8 channels	yes	yes	yes	yes	yes	yes
De-esser	800Hz – 8kHz 0dB – -20dB	800Hz – 8kHz 0dB – -20dB	800Hz – 8kHz 0dB – -20dB	800Hz – 8kHz 0dB – -20dB	800Hz – 8kHz 0dB – -20dB	800Hz – 8kHz 0dB – -20dB
Adjustable zone output	6-step 0-100V	6-step 0-100V	6-step 0-100V	6-step 0-100V	6-step 0-100V	6-step 0-100V
Passband	40 – 22 000 Hz	40 – 22 000 Hz	40 – 22 000 Hz	40 – 22 000 Hz	40 – 22 000 Hz	40 – 22 000 Hz
Harmonic distortions	< 0,1%	< 0,1%	< 0,1%	< 0,1%	< 0,1%	< 0,1%
Work temperature	from -5°C to +40°C	from -5°C to +40°C	from -5°C to +40°C	from -5°C to +40°C	from -5°C to +40°C	from -5°C to +40°C
Dimensions width/height/depth [mm] [mm]	443 x 135 x 340	443 x 135 x 340	443 x 135 x 340	443 x 135 x 340	443 x 135 x 340	443 x 135 x 340
Weight [kg]	13,5	14	15,2	17,2	17,8	19,2