



A modern amplifier equipped with a DSP signal processor, which enables precise sound properties equalization in buildings with very hard acoustic conditions. The amplifier activates only those microphones that are being used at the moment, which eliminates the influence of the surrounding sound coming out of unnecessarily opened microphone channels. The amplifier is equipped with an MP3 player with remote control, an "DE-ESSER" who eliminate sibilance during speech.

TECHNICAL DATA	AMWL-9DSP1D/200	AMWL-9DSP1D/400	AMWL-9DSP1D/600
Output power (sinus)	200W	400W	600W
Microphone and linear inputs, programmable, symmetrical and electronic	input XLR: 1-8	input XLR: 1-8	input XLR: 1-8
- MIC/LINE switch	yes	yes	yes
- MIC sensitivity control	-40dB -15dB	-40dB -15dB	-40dB -15dB
- LINE-sensitivity control	-15dB +5dB	-15dB +5dB	-15dB +5dB
- Impedance	1,6kΩ	1,6kΩ	1,6kΩ
- Phantom power	24V DC	24V DC	24V DC
- HPF-Filter	100 Hz, 6dB/oct.	100 Hz, 6dB/oct.	100 Hz, 6dB/oct.
- Adjustment: bass, soprano	±12dB, 100 Hz, 10 kHz, shelf filter	±12dB, 100 Hz, 10 kHz, shelf filter	±12dB, 100 Hz, 10 kHz, shelf filter
- Signaling	green diode - active channel red diode - clipping	green diode - active channel red diode - clipping	green diode - active channel red diode - clipping
Universal input (mono)	input RCA: 9	input RCA: 9	input RCA: 9
- input sensitivity	-10dB +12dB	-10dB +12dB	-10dB +12dB
- impedance	10kΩ	10kΩ	10kΩ
- adjustment: bass, soprano	±12dB, 100 Hz, 10 kHz, shelf filter	±12dB, 100 Hz, 10 kHz, shelf filter	±12dB, 100 Hz, 10 kHz, shelf filter
Limiter	double, peak, on DSP input and on power amplifier	double, peak, on DSP input and on power amplifier	double, peak, on DSP input and on power amplifier
15-point parametric equalizer or shelving filter	±12 dB, 0,05 3oct. LoSh6, LoSh12 HiSh6, HiSh12	±12 dB, 0,05 3oct. LoSh6, LoSh12 HiSh6, HiSh12	±12 dB, 0,05 3oct. LoSh6, LoSh12 HiSh6, HiSh12
Acoustic feedback suppressor	adaptive, phase shifter	adaptive, phase shifter	adaptive, phase shifter
MP3 player	yes	yes	yes
MP3 player remote control	yes	yes	yes
Delay	0 - 85m	0 - 85m	0 - 85m
De-esser	800Hz - 8kHz 0dB - -20dB	800Hz - 8kHz 0dB - -20dB	800Hz - 8kHz 0dB - -20dB
Non-grounded symmetrical output	100V, 70V, 50V, 8Ω, 4Ω	100V, 70V, 50V, 8Ω, 4Ω	100V, 70V, 50V, 8Ω, 4Ω
Loudspeaker-zone	6-step 0-100V	6-step 0-100V	6-step 0-100V
Frequency range	40 - 22 000 Hz	40 - 22 000 Hz	40 - 22 000 Hz
Harmonic distortions	< 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

<b>TECHNICAL DATA</b>	<b>AMWL-9DSP1D/200</b>	<b>AMWL-9DSP1D/400</b>	<b>AMWL-9DSP1D/600</b>
Dimensions width/height/depth [mm]	443 x 135 x 340	443 x 135 x 340	443 x 135 x 340
Dimensions with rack adapters width/height/depth [mm]	483 x 135 x 340	483 x 135 x 340	483 x 135 x 340
Weight [kg]	12,5	14	16,1