



Class **D** topology

•
Natural cooling

•
Stabilized switching power supply

•
Switchable AUTO STANDBY function

•
Input and output connectors –
Euroblock

•
Signal LEDs

•
Overload and alarm LEDs

•
Level Controls on Front Panel

•
Ability to Install Level Control Caps

•
1U height

•
Detachable power cord

Models for Operation on Line (index L)

•
Matching transformers for constant
voltage line 70V/100V

Models with DSP Engine (index D)

•
EQ, filters and output signal limiting

•
Two Post DSP line outputs

•
4 ports for remote level control

•
USB port for DSP setting

ParkEditor Control Software

•
Setting of EQ, delay and output
signal limiting parameters by DSP
engine (incl. creation of big projects,
consisting of many amplifiers)

•
Ability to choose loudspeaker from
the given library

TA series MkII amplifiers are designed for fixed installations, which usually require a huge amount of loudspeakers fed by the same amplification channel.

The series includes four-channel amplifiers:

- TA604 MkII ;
- TA604L MkII;
- TA604D MkII;
- TA604DL MkII.

The amplifiers without additional index in name (TA604 MkII) are designed for low impedance operation, the ones with index **L** - for operating on line with constant voltage 70V or 100V, amplifiers with index **D** are equipped with DSP engine.

TA series MkII amplifiers are based on a modern, high performance D class topology, which has high efficiency and low heat generation. Natural cooling system provides noiseless operation and no need in technical maintenance.

Euroblock terminals are used as input and output connectors.

All amplifier models are equipped with switchable Auto stand-by function, which turns amplifier off in case there is no input signal for more than 5 minutes, and instantly turns it on when signal appears. Due to this function there is no need to switch the power off manually.

For operation on 70V or 100V constant voltage line, amplifiers is equipped with matching transformers.

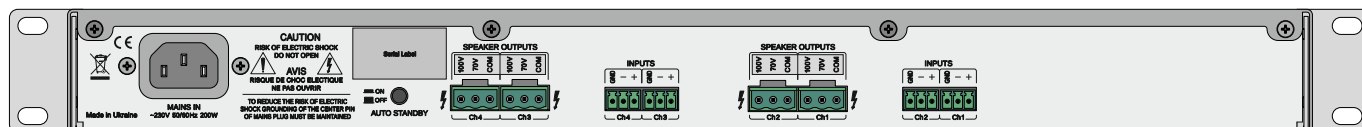
The series includes amplifiers with analog signal processing and models with DSP engine. The DSP engine ensures signal processing, including crossover filters, signal EQ, delay and limiting. The models with DSP engine have 4 ports for remote level control, which allows to put level controls in convenient place, separately from the amplifier. The DSP engine has configuration 2 inputs and 4 outputs, and has free signal routing from any input to any output.

The control software **ParkEditor** allows flexible routing, EQ and delay settings. The protective and user limiting can be customized. The speakers library can be used to create projects. The software also allows making offline setting of large projects, which can be quickly downloaded to several amplifiers via USB.

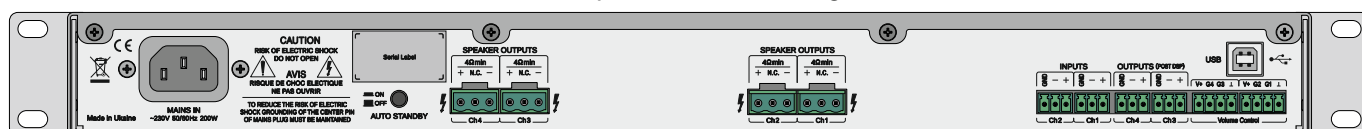
Model	TA604 MkII	TA604L MkII	TA604D MkII	TA604DL MkII
Number of Channels	4	4	4	4
Number of Inputs	4	4	2	2
Output Power	4 x 150W*	4 x 150W*	4 x 150W**	4 x 150W**
Frequency Range	20 Hz – 20 kHz	100 Hz – 20 kHz ***	20 Hz – 20 kHz	100 Hz – 20 kHz ***
Sensitivity	0.775 V			
Input Impedance	10 kOhms (balanced)			
Total Harmonic Distortion	0.02 % ****			
Crosstalk	60 dB (1 kHz)			
Signal-to-Noise Ratio	100 dB (unweighted)			
DSP engine			Sampling Rate 48 kHz DAC / ADC 24-bit Internal Processing 56-bit	Sampling Rate 48 kHz DAC / ADC 24-bit Internal Processing 56-bit
Power Requirements	~230 V, 50/60 Hz			
Power Consumption	120W (Pink noise, 1/8 power) 14W (STBY)			
Dimensions	482 mm (Ш) x 44 mm (В) x 300 mm (Г)			
Weight	4.2 kg	4.4 kg	6.7 kg	9.6 kg

- * At 4 Ohms impedance.
** Output to line 70V or 100V.
*** HPF 100 Hz, 24 dB/oct
**** In operating frequency range.

Four-channel Installation Amplifiers **TA604** MkII, **TA604L** MkII*



Four-channel Installation Amplifiers with DSP engine **TA604D** MkII, **TA604DL** MkII*



- * On output connectors on models with index L the line rated voltage is marked. On the output connectors of models without index in the name the minimal impedance and polarity are marked.

Wall Mounted Remote Level Control **TA-VOL** (for **TA604D** MkII, **TA604DL** MkII)

