

## MA-Series



- Superior Performance
- Low-Distortion
- Unique Current Protection
- Especially Generous Power Supply
- Various Input Sensitivity Choice

### Features

TRANS-AUDIO MA Series amplifiers stand on two mainly design of the high performance : Get more power with less funds, or get the highest performance under the person's con-scioussness realm, to acquire high dependability and the best technology of pro-audio.

POL (power output level): Adopt the balance output circuit( absoluteness symmetry bridge circuit ). Compare to output way which use the single circuit to ground, it can bring quadruple out-put power ,that means , for attaining the same exportation power, the working electric voltage of amplifiers will less more than the output way of OCL etc. Even the power tube will have so wide & Safety Operated Area (SOA), So it will have more high-efficiency and credibility under the condition of low electric voltage compare to the general OCL .The more important is, it produce less distortion, always output the excellent sonic.

The strong outer shell equipment with L type torsibility wraps to protect front panel. the Open Circuit With Thermal Energy can keep power supplies from destroying by the over thermal energy .The fan of the electronics operation provide enough cool air by the front to back to keep the low temperature. Even no noise of its fan, special use in high request place.

The P series amplifiers Soft start is postponing the start power supply of outputting, in order to prevent the fuse burn out. provided many protection functions of different type, include the direct current protection, the inside malfunction protection, inputting over protection, the radio frequency interference filter, the output short-circuit , even the over electric protection( electric current protection switch). Among these, the outputting circuit make the temperature low down by reducing the signal input. No other than the temperature continues to rise up to the limit ,it won't shut the power supply , avoiding the signal shut off.

The digital limit control system and the monitor systems can continue to monitor the amplifiers output signal, the input signal. When monitor the operation under the condition Online,it will start to limit inside. When these limit equipment fit out the profession constant, it can adjust to the suitable speed according to the different application, from fast( for example:Medium/ high Frequency) arrive slow( for exam-ple:Sub ).It protect the loudspeaker from affected by the load what amplifiers is outputting when connected the speakers.

provides with two power supply with two independent logics. Due to the logic power supplies, the dynamic state control electric circuit adjusts electric voltage in time which the power output when working. It can actually do an orientation of the dynamic signal and the load request, also can attain the best power to match the condition of wide load .It can make sure the amplifiers temperature won't rise up. The wreath transformer is a special unit that from Germany, and radiate less. All machines pieces chose strictly, insure the products contain the best quality.

### Technical specifications

Frequency range (+3,-0.3dB)	20Hz~20kHz
Output	( 1kHz/THD+N=0.01%) --
Load 80hm	2x1050 W
Load 40hm	2x1620 W
Load 20hm	—
Load 80hm	(Bridge State) 1x3240 W
Load 40hm	(Bridge State) —
Output	( 20~20kHz/THD+N=0.1%) --
Load 80hm	2x980 W
Load 40hm	2x1500 W
Load 20hm	—
Load 80hm	(Bridge State) 1x3000 W
Load 40hm	(Bridge State) —
Input Common Mode Rejection (1kHz)	>-60dB
Resolution (A-weighted, Full power 4 Ohm)	>-60dB
Input Sensitivity	0.7V/1V/1.4V
Voltage Gain	—
Input Impedance	Equilibrium >20kΩ, Non-equilibrium>10kΩ
Signal-to-Noise	>105dB
Distortion (THD)	Power Rating 4 Ohm/1kHz <0.03%
Damping Factor	>1800
Output Connecting	2 groups Connection Columniation,2 x SPEAKON NL4 MP
Digital Compressor Control Threshold	0.775~8V
Input Connecting	4x XLR3
Voltage	AC220-240V/50-60Hz
Power Consumption	(Full Power Output) 5500W
Dimension	482x132x485mm
Weight	Net unit weight 34kg