



the box
PRO SPEAKER

MA150

ACTIVE 2 WAY FULL RANGE
ELECTRONIC COMPENSATION SPEAKER

User Manual

Safety Precautions

Flying and installation of this speaker cabinet must be carried out by suitably qualified personnel following the approved safety standards.

Do not attempt to clean the enclosure with solvents or petrochemical based cleaners.

Do not place objects which are sources of heat on the speaker cabinet such as lighting equipment or smoke machines.

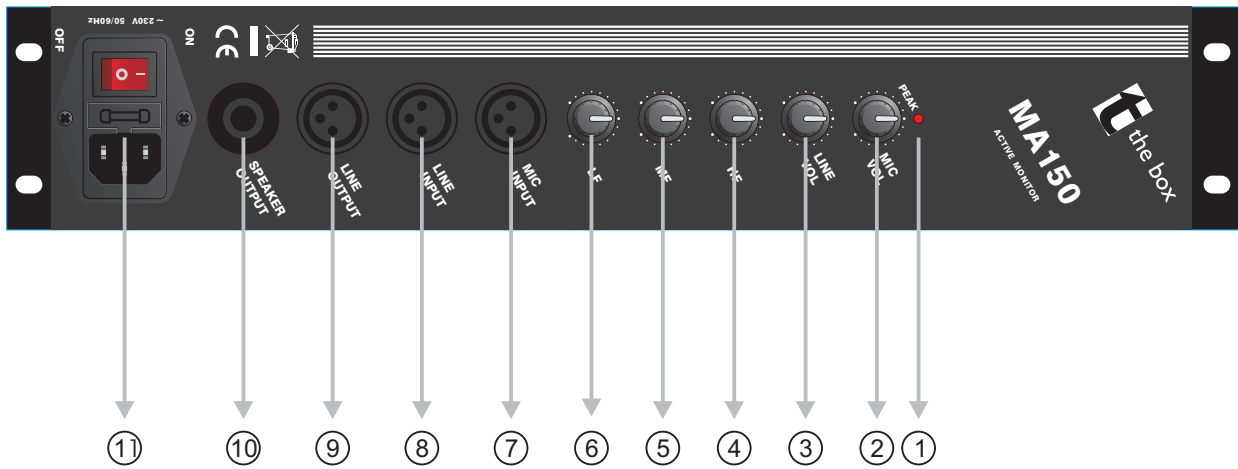
Do not expose the speaker cabinet to direct precipitation or stand in water. Liquid getting into the box will risk a short circuit and will be hazardous.

Do not stack the speaker cabinet in a manner that could cause injury should a cabinet become dislodged.

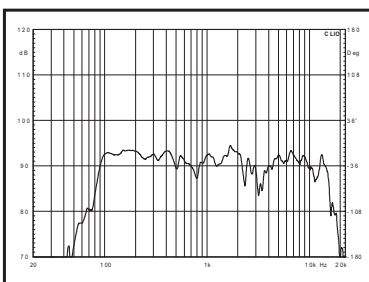
Attention

Before connecting or operating your new THOMANN MUSIKHAUS speaker, please study the accompanying instruction manual paying particular attention to the operating precautions and wiring procedure.

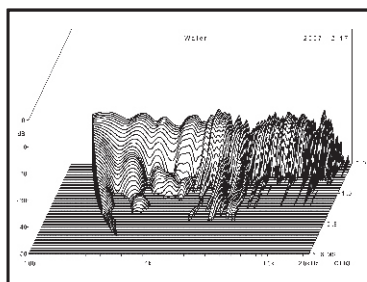
THOMANN MUSIKHAUS will not assume responsibility for incorrect installation or operation of this product.



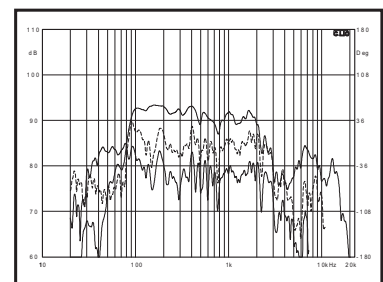
1. Output signal peak indicator
When the output volume is at Max.,the indicator is flashing,please reduce turn down the volume to assure the unit safety.
2. Mic volume pots
Turn it clockwise to enhance the volume,turn it anticlockwise to reduce the volume. Plese note the peak indicator does not lit up.
3. Line volume pots
Turn it clockwise to enhance the volume,turn it anticlockwise to reduce the volume. Plese note the peak indicator does not lit up.
4. HF adjust pots
Turn it clockwise to enhance HF with 6dB, anticlockwise to attenuate HF with 6dB
5. MF adjust pots
Turn it clockwise to enhance MF with 6dB, anticlockwise to attenuate MF with 6dB
6. LF adjust pots
Turn it clockwise to enhance LF with 6dB, anticlockwise to attenuate LF with 6dB
7. Mic input socket
Never input the signal under -33dB,if it is like this, it will cause distortion
8. Line input socket
Never input the signal under 0dB,if it is like this, The SPL will be not enough.
9. Signal output socket
Output level-0dB,connect this output signal to the line input socket of another unit.
10. Power output socket
output a flat frequency curve,can drive a standard passive speaker, output power is 120W/4OHM
11. Power supply input socket
With 230V/5A fuse and switch,the indicator is lit up when turn on. If not use for a long time,please turn off the power supply.
Input Voltage: 230V,50Hz/60Hz



Frequency response, SPL/2.83v



Waterfall spectrum analysis



Harmonic distortion 106dB/2.5m, nominal impedance

Specifications

System:	Built-in crossover two way full range active speaker
Cabinet material:	Wooden cabinet with carpet
Cabinet Colors:	Black
Driver Quantity:	15"x1 (Bass)
	φ 25mm x1(Driver)
Sensitivity:	94 dB
Frequency Response(- 3dB):	50Hz- 17kHz
Max SPL(1m):	124dB(Free Field)
Level Adjust:	±6dB(10kHz)-LF ±6dB(10kHz)-HF
	±6dB(100Hz)-MF
Output power:	120W
Distortion:	Line-0.02%, Microphone-0.04%
Load impedance:	4 Ohm
Input impedance:	3.2 Ohm
Connectors:	XLR, K3P, J3P
Power supply:	230V, 50/60Hz
Dimensions(WxDxH mm/pcs):	455x453x700mm
Packing Dimensions(WxDxH mm/pcs)	550x535x780mm
Net Weight(Kg/pcs):	25kg
Gross Weight(Kg/pcs):	28kg

* In the interests of product development,
 THOMANN MUSIKHAUS reserves the
 right to change and improve all specifications
 quoted