



A PROVEN SOUND TECHNOLOGY



## Referenz mc 702

High Definition Reference Stereo Power Amplifier

Product Launching Information Pack  
(Official Release 1st January, 2020)



## The MC Referenz Line: "A Proven Sound Technology"

To carry on our MC power amplifier successes as such 601, 701, 801 awarded models, 811 and 811a mono block. MC development engineering team continue the success to further develop a double quality standard new models for MC Reference amplifier line which called mc602 High Definition Reference Stereo Pre-Amplifier, mc 702 High Definition Reference Integrated Amplifier and the mc 802 Stereo Power Amplifier.

A PROVEN SOUND TECHNOLOGY

Made in Germany

HONOR THE MUSIC - WE DID !

MC  
Dedication to Performance

2014 Editors' Choice Award  
mc701

2014 Editors' Choice Award  
mc501A

2014 Editors' Choice Award  
RL21

2013 Editors' Choice Award  
mc701

2013 Editors' Choice Award  
mc501A

2013 Editors' Choice Award  
RL21

2012 Editors' Choice Award  
mc701

2012 Editors' Choice Award  
mc501A

2012 Editors' Choice Award  
RL21

GOLDEN EAR  
mc701

GOLDEN EAR  
mc501A

GOLDEN EAR  
RL21

REVIEWERS CHOICE  
mc701

MC - music culture technology GmbH  
www.music-culture.com

Gartenfelder Str. 25-37, 13599 Berlin (Germany)  
Phone: +49 30 288 574 09  
Fax: +49 30 138 825 594  
E-Mail: info@music-culture.com

## Performances which serve the music:

A Proven Sound Technology that enabled MC to go to the next level with many good reviews and awards achieved recently. We continue to dedicate our advanced design and our experience to the quest of the best possible sound reproduction. We maintained the key features of our previous design such as the amplifier technology.

Our engineer based on our best sounding circuit to enhance this new amplifier. It could maintain our MC unique sounding without any change. It is also the benefit for the whole design and also the most difficult parts for amplifier company to make biggest



power amplifier section with lowest distortion. However, we overcame this challenge and made it into real!

### **Features highlight:**

1. Power Supply:
  - Germany Custom Made High power 800W Toroidal power transformer;
  - Bigger Capacities for both audio channels;
  
2. Amplifier Stage:
  - Gold plated high quality PCB for all signals and audio circuit;
  - Lowest distortion op-amp;
  - MC custom Made and selected Power Transistors;
  - Audiophile grade and long life audio use capacitors;
  - Mono crystalline copper (OFC/OCC) conductors for all inputs and outputs;
  - OCC terminals for no losses output connection;
  - Shortest signal path to the outputs;
  - Professional wire dressing arrangement for high end sound application;
  - Professional wire dressing method for noise elimination;
  
3. Construction:
  - Solid Metal and resonance resistance material built;
  - Resonance trap system for the chassis base;
  - MC unique resonance trap stand design for the support;
  - Fully shielded protection;
  - Curve shape panel for better acoustics performance;
  
4. Cosmetic:
  - High Quality satin black Elegant curve panel design;
  - Professional ID design for the shape and color scheme;
  - Japanese high quality LCD display



**Electrical Specification:**

**Inputs:** 6 inputs,  
(XLR\*1 pair,  
CD \*2,  
high level/tape \*2  
Processor \*1)

**Output:** 1 Fixed Out;  
2 pair of speaker terminals

**Technical Specifications:**

**Peak Pulse Power:** 450W @ Max Power

**Power output:** 275W RMS @ 4 Ohms  
180W RMS @ 8 Ohms

**Input Impedance:** XLR: 10k Ohms, RCA: 10k Ohms, High level: 50k Ohms, Processor: 10k Ohms

**Input Sensitivity:** 315mV

**Output Impedance:** 100 Ohms  
**Output level:** 1Veff – 10Veff max  
**Output Voltage Max:** 85V peak  
**Output Current Max:** 25A peak

**Frequency Response:** DC – 400 kHz

**THD:** <0.001%

**Channel Separation:** 90db

**Damping Factor :** 300 (4 Ohms)

**S/N:** Weighted 110db / Unweighted 120db



<b>Power Consumption:</b>	Sleep mode: 4.8VA; Maximun: 855VA
<b>Power Supply:</b>	Two-guard shielding Germany Custom Made Toroidal Power Transformer,
<b>Line Voltage</b> (factory setting):	230 / 115 Vac, 50 / 60 Hz
<b>Weight:</b>	20kg
<b>Dimensions</b> (WxHxD):	480 x 280 x 580 mm (Feet Included)

(Specifications, Designs and materials change without further notice!)