

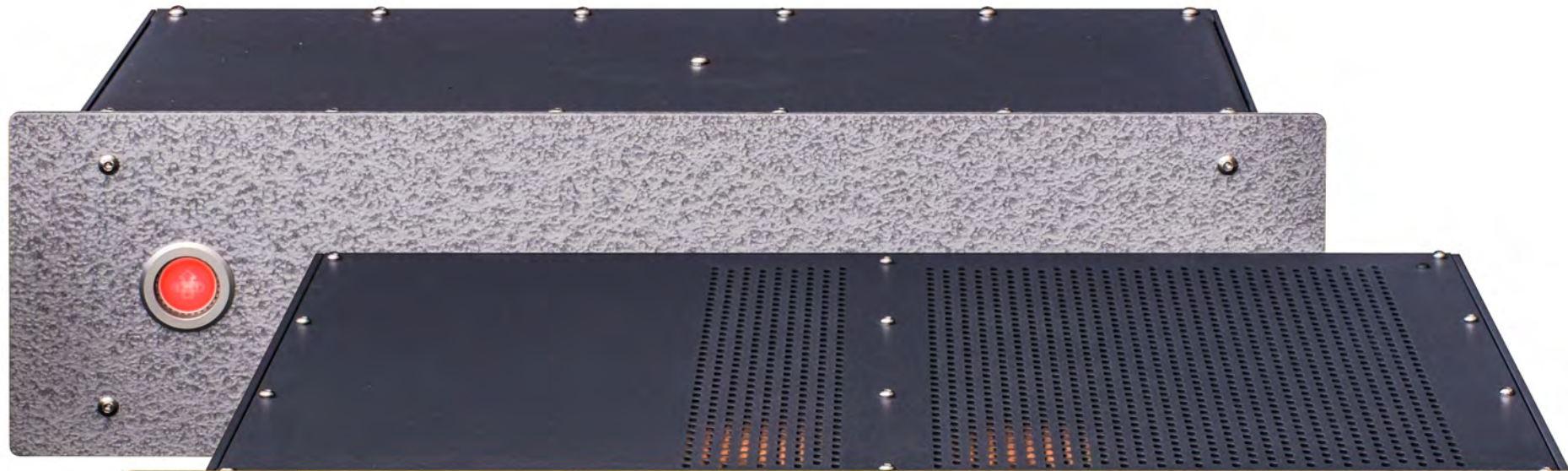
9A H' > D5 ' * * ' A _ =



2016 TECHNICAL
GRAMMY® AWARD
RECIPIENT



The Jubilee Series Preamplifier



EMT JPA66 Mk II

Quality Standard



In professional Vinyl & Music Production



In High-End Audiophile Vinyl & Music Reproduction



Since 1940 EMT has been offering outstanding test and audio products for the professional market and since 2006 also a collection of State of the Art audio products for music lovers. EMT equipment enjoys an excellent reputation for quality and reliability and received the most prestigious awards recognizing these achievements.

Laboratory and Practice



The JPA 66 Varia-Curve Tube Stereo Control Center is the culmination of our senior engineering expertise and has been painstakingly optimized, in actual use, with feedback from sound engineers, record collectors and numerous other music lovers and specialists.

Designed for intuitive and easy use



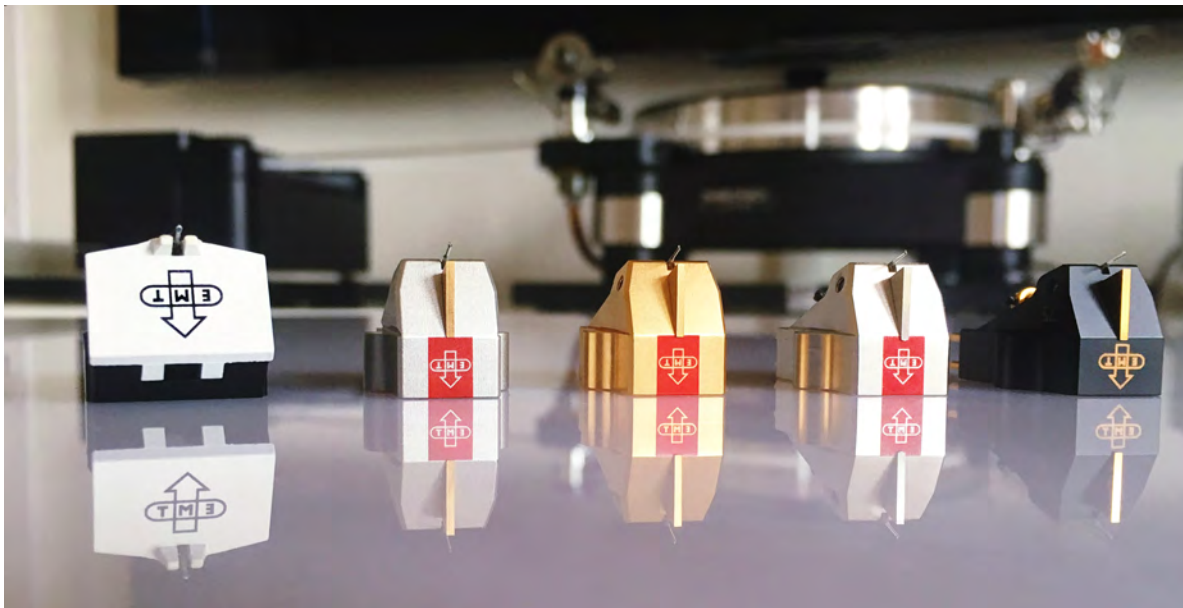
From the front panel of the JPA 66, the user may adjust each and every parameter, including cartridge matching and specific vinyl characteristics.

Authentic music reproduction



Give life to your treasured record collection.
Enjoy your favorites from Yesterday and Today.

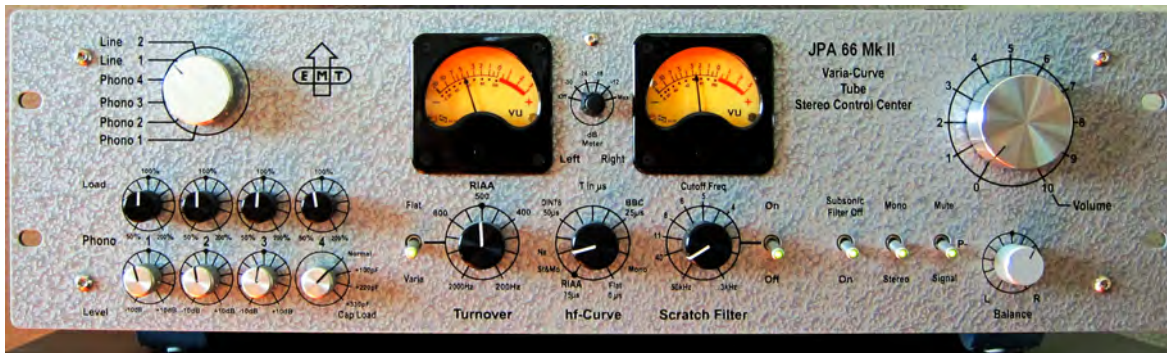
Perfect match for your cartridge



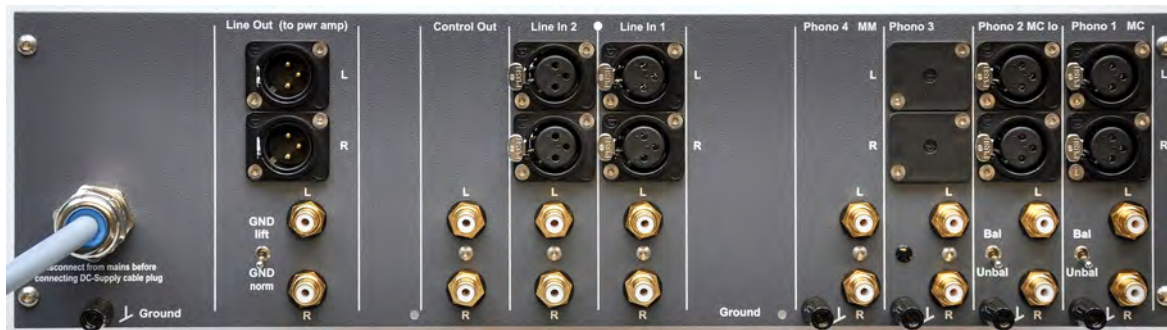
The JPA66 offers not only a sonically outstanding quality, but also the most versatile phono front-end. Discover the excellence of all your vintage and state-of-the-art cartridges.



JPA66 Mk II Gold Limited Ed.



JPA66 Mk II



JPA66 Mk II rear



Power Supply Unit front



ALL controls are located on the front panel.

Input selector

This switch controls airtight relays located close to the input sockets and circuit.

Phono input section

Varia and stepless input load resistance to match individual cartridges for optimal sound balance.

Varia and individual level control for equal volume of Phono inputs 1–3

Cap load switch to balance out different MM-cartridges plus tone arm and connection cables.

Line input section

2 Line inputs

Technical and Detail Information



Record playback characteristic set up

Turnover

Adjustable turnover frequency from 250 to 500 (RiAA standard) up to 2000 cps, and

hf-Curve

Fully variable hfCurve from RiAA over Neumann, to all mono standard and non standard settings.

Scratch filter

Free adjustable scratch filter with cut-off frequency between 3–50 KHz.

Level meters

Illuminated VU-meters to fine adjust the Phono inputs to equal level.

Technical and Detail Information



Controls and more

Subsonic Filter

Highly effective and optimized subsonic filter circuit design.

Stereo/Mono and Mute / Polarity switches

These switches control airtight relays and have a green/red LED indication to show the selected status.

Polarity switch to select either correct or inverse polarity (P-).

Volume

This is the Master Volume control and is of highest EMT custom made studio quality. Its superior linearity guarantees an exact stereo image across the entire range.

Balance

We engineered this to be rather like a panning than a full balancing function, eliminating any unwanted effects.

The variation of recording characteristics

Manufacturer/Label	Speed RPM	Turnover frequency Hz	Hf-Curve T in μ sec	Scratch -Filter cut off @ KHz	Recom. Styli in μ m EMT cart. type
Polydor	78	300	<50		65 μ m
RCA Victor 1935 until 1938	78	300-500	0-25		65 μ m
Supraphon	78	400	0		65 μ m
Telefunken	78	400	0/25		65 μ m
Ultraphon	78	400	0		65 μ m
Acetates, transcription disks	78 or 33 1/3				TND65 or TMD25 Tracking force <5g

The 78-RPM record, often called shellac, was a standard format for decades, followed by 33 1/3 and 45 RPM monos. Most records produced before the late fifties varied significantly in recording characteristics among manufacturers and period.

The excerpt from our guideline for the reproduction of early and Mono records is to illustrate, how to set up the JPA66 controls and how to select the recommended EMT mono cartridge along with the correct stylus size.

No matter what your vintage record may be the JPA66 can be set up for optimal performance guaranteeing your maximum listening pleasure while you enjoy the music and remember those moments.

The Vacuum Tubes used for the EMT JPA66

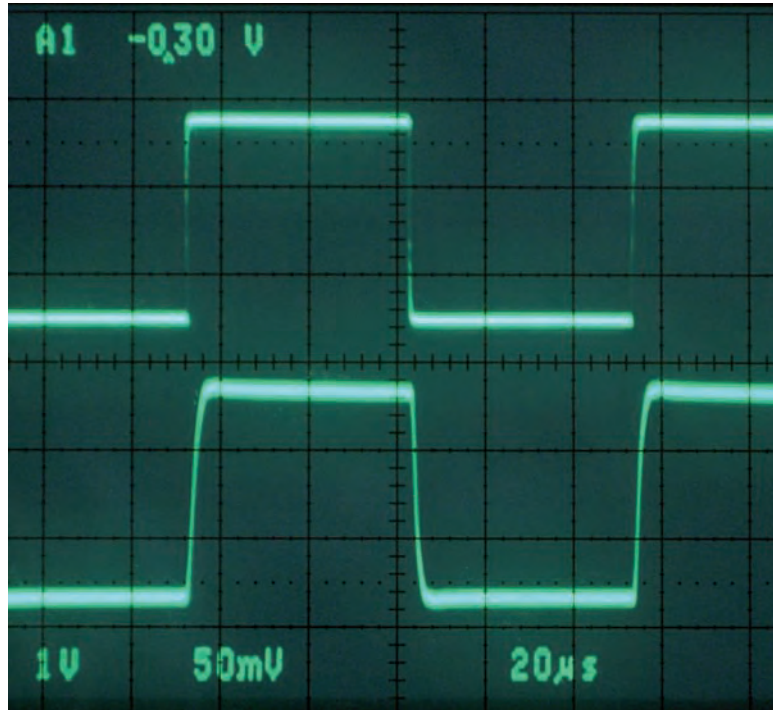


All vacuum tubes used in the JPA66 are not only of the highest available quality, but also dedicated audio triodes. We use only tubes which are still in current production and manufactured in Europe.

Exotic, industrial or military surplus tubes are strictly avoided. This design philosophy helps assure future availability of these tubes to EMT product owners.

Prior to use, each and every vacuum tube undergoes multiple tests: 100 h burn in at «real world operating modus», e.g. with the correct high-voltage and bias internal noise, open loop gain and open loop distortion test and finally a listening test.

JPA66-Specifications



Phono 1

1 mV, 200 Ohms -50%/+100%

Phono 2

0,250 mV, 47 Ohms -50%/+100%

Phono 3

5 mV, 47 KOhms -50%/+100%, optional with mc-input

Phono 4

5 mV (fix), 47 KOhms -50%/+100%, Cap. 4 Position switch; nominal, +100/+220/+330 pF

Line level 1 and 2

500 mV to 5 Volts RMS, 20 KOhms (intern. adjustable)

Gain: MM 53 dB; MC 73/82 dB, Phono 1-3 +/-10 dB

Frequency response: 10 to 40,000 cps +/-0,5 dB

THD: 0,05 % @ 14 dBu output level

Maximum Output: + 27 dBu/ 17,40 V RMS

Note:

The output stage is capable of driving virtually every load. This gives the freedom to choose any high quality Tube- or Solid State power amplifier as well as any powered speakers and even long, high capacitance cables.

Two output pairs:

Gold plated XLR connectors providing fully balanced and floating, and gold plated RCA's unbalanced audio output signal.

Power Consumption: 85 Watts, nominal

EMT reserves the right to change specifications without notice

Music and Emotions



brought back to you





EMT International GmbH, Switzerland.

EMT is represented by

EMT and its Logo are registered trademarks of EMT Intl

E77

© JL 0217