

ONKYO

ICON SERIES

M-80

POWER AMPLIFIER



**REFINED STYLE YOU CAN FEEL**

Just as your favorite music resonates on an emotional level, premium design is felt instinctively. Intuitively. The Onkyo Icon Series is meticulously designed for simplicity and balance, blending an elegant form factor with classic hi-fi details. Carefully selected materials and tactile buttons and knobs elevate the user experience to something greater than the sum of its parts.

**SUPERIOR SOUND STARTS WITH ONKYO**

Sophisticated circuitry, elevated design choices, and next-generation tech are weaved into every millimeter of Onkyo's new Icon Series. Our dedicated engineers believe everyone deserves an exceptional listening experience with all the nuance, detail, and emotion that the artists or players intended. The content played through any of our Icon Series products isn't just heard – it's felt.

**POWERING THE MUSIC THAT MOVES YOU**

The M-80 uses a three-stage Inverted Darlington Amplifier. The three-stage Inverted Darlington Amplifier has a very low output impedance and drives speakers powerfully with a large current. Also, by keeping NFB (Negative Feedback) low, it is not affected by noise from the speaker. It offers a powerful yet highly resolving and informative sound. The M-80's output stage transistors are in parallel configuration, which provides excellent instantaneous current supply capability, further enhancing the rise of sound and the sense of power. The driver stage of the M-80 amplifier uses DIDRC (Dynamic Intermodulation Distortion Reduction Circuitry). Reducing beats generated signals(noise) in the ultra-high frequency band by DIDRC's high slew rate design and helps produce the natural sound of an analog record.

**CUTTING EDGE COMPONENTRY FOR CAPTIVATING PLAYBACK**

The M-80 housing consists of two aluminum side panels and a steel top panel. The three-piece construction of the housings increases rigidity and improves seismic resistance. Various vibrations are suppressed and sound quality is improved.

**CREATE YOUR PERFECT SYSTEM**

The M-80 has an output power of 130w (FTC 8ohm, 20-20kHz, THD 0.08%, 2ch driven) / 200w (4ohm, 1kHz, THD 0.7%, 2ch driven) which allows it to powerfully drive large speakers and bring you dynamic acoustic information. For example, Klipsch Forte speakers paired with the P-80 and M-80 would maximize the dynamic and extended sound of the Forte.

**FROM ONKYO ACADEMY: THE BENEFITS OF A POWER AMPLIFIER**

A power amplifier receives the signal from your pre-amp and literally powers it into your speakers. Think of your pre-amp as a brain, and your power amplifier as the muscle. Separating your amplifiers into pre- and power gives you ultimate flexibility in audio playback. Since they are not affected by each other's circuits, they can provide high-resolution sound quality through even cleaner signal transmission. Audiophiles are well-known to prefer specific power amps and the way they impact sound quality and coloration. The M-80 is a power amplifier that reproduces the full range of artists or players' intentions in their music and drives you into a world of emotion.

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**SPECIFICATIONS**

<b>OUTPUT POWER</b>	130w ( FTC 8ohm, 20-20kHz, THD 0.08%, 2ch driven ) 200W ( 4ohm, 1kHz, THD 0.7%, 2ch driven )
<b>AMPLIFIER CHANNEL</b>	2 Ch
<b>AMPLIFIER TYPE</b>	Class AB
<b>FREQUENCY RESPONSE</b>	5Hz~100kHz(+1/-3dB)
<b>SPEAKER IMPEDANCE</b>	4-16Ω
<b>ANALOG AUDIO INPUT</b>	RCA(Unbalanced) x 1pair XLR(Balanced) x 1pair
<b>12V TRIGER</b>	Input(1/8"(3.5mm) Jack)
<b>PRODUCT DIMENSIONS (W X H X D)</b>	17.1" (435mm) x 5.3" (135mm) x 13.6" (345mm)
<b>PRODUCT WEIGHT</b>	13.5 kg
<b>PACKAGE DIMENSIONS (W X H X D)</b>	21.3" (542mm) x 9.3" (236mm) x 17.4" (441mm)
<b>POWER CONSUMPTION</b>	445w, 51w(idle), Less than 0.3w(Standby)

**MODEL NAME FINISH UPC**

<b>M80MDC</b>	BLACK	889951003984
<b>M80MDC</b>	SILVER	889951003991

