



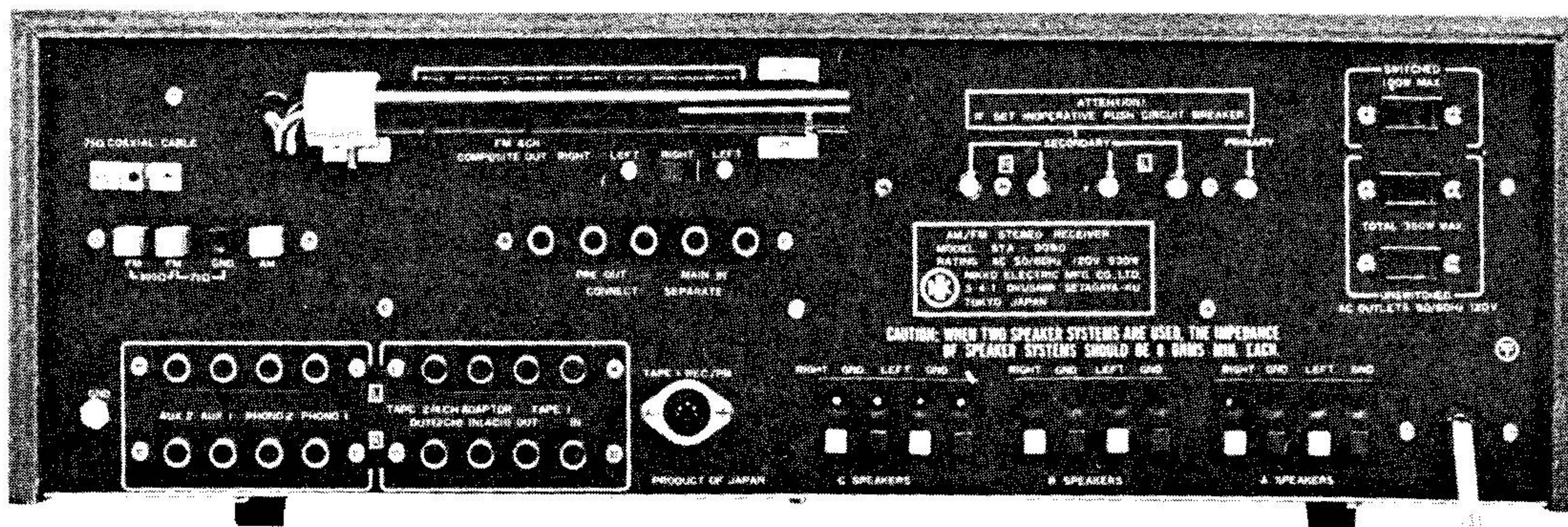
STA 9090

NIKKO AM/FM STEREO RECEIVER



- Minimum RMS Power Rating 58 Watts per channel, both channels driven 20 Hz to 20 kHz into 8 ohms at 0.3% total harmonic distortion
- Phase Lock Loop FM STEREO Demodulator
- Hi Blend FM Switching / FET-Equipped AM
- THREE Click-Stop TONE CONTROLS
- SEPP Phono EQ Amplifier / 2 PHONO SELECTION
- THREE Stereo-Pair SPKR Selection
- TWO Deck Tape DUBBING with Indicator
- FM 4-Channel COMP OUT Jack
- Mic Mixing
- Complete Power Protection





OTHER FEATURES

- ★ 5-position Mode Switch (LEFT, RIGHT, STEREO, REVERSE, L+R)
- ★ Bright Function Indicators (AM, FM, PHONO-1, PHONO-2, AUX, DUBBING, MONITOR)
- ★ FM STEREO Indicator
- ★ Three Stereo-Pair SPKR selection
- ★ FM Muting Switch to cancel inter-station tuning noise.
- ★ High and Low Filters, Loudness, Stereo Headphone Jack
- ★ Three AC Outlets (one "switched")
- ★ Distinctive and functional "Three Line" control panel
- ★ 4-channel FM composite signal output
- ★ Pre/power amplifier separable for 4-channel and other uses.

SPECIFICATIONS

TUNER SECTION:

FM Tuner

Sensitivity	IHF	1.8 μ V
Muting Sensitivity		20 μ V
Selectivity	\pm 400kHz	70dB
Image Rejection	98MHz	80dB
IF Rejection	98MHz	90dB
Signal-to-Noise Ratio		70dB
Capture Ratio		1.8dB
Distortion	Stereo, 1,000Hz	0.5%
	Mono, 1,000Hz	0.2%
Stereo Separation	1,000Hz	40dB
	100Hz - 10kHz	35dB
Subcarrier Suppression		60dB
Spurious Rejection		100dB
4 CH Composite Output		130mV
FM antenna impedance		300 ohms balanced 75 ohms unbalanced

AM Tuner

Sensitivity	S/N=20dB	150 μ V/m
Selectivity	\pm 10kHz	30dB
Image Rejection	1,000kHz	50dB
IF Rejection	1,000kHz	50dB
Signal-to-Noise Ratio		55dB

AMPLIFIER SECTION:

Minimum RMS Power Rating per channel:
58 Watts, both channels driven 20Hz to 20kHz into
8 ohms at 0.3% total harmonic distortion.

Total Harmonic Distortion	Rated Output	0.5%
	20 Watt Output	0.05%
Intermodulation Distortion	Rated Output	0.5%
	20 Watt Output	0.1%
Power Response	\pm 1 dB, 0.5% Total Harmonic Distortion	10Hz to 40kHz
Frequency Response	\pm 1 dB Main Input	10Hz to 50kHz
	AUX. Input	20Hz to 50 kHz

Input Sensitivity/Impedance

at rated output 1,000Hz	Phono 1 & 2	3mV/50k ohms
	AUX 1	200mV/100k ohms
	AUX 2	500mV/120k ohms
	Tape 1 & 2	200mV/100k ohms
	Main Input	130mV/100k ohms
Signal-to-Noise Ratio	Phono	65dB
	Others	80dB
Recording Output	Tape Out 1 & 2	200mV
	Din Rec Out	40mV

MIC (Mono)

Input Sensitivity/Impedance	3.0mV/50k ohms
Signal-to-Noise	70dB

Tone Controls

Bass	\pm 10dB at 70Hz
Midrange	\pm 6dB at 1kHz
Treble	\pm 10dB at 10kHz
Low Filter	-3dB(-6dB/oct.) at 100Hz
High Filter	-3dB(-6dB/oct.) at 5kHz

Loudness

-30dB	+10dB at 70Hz
	+5dB at 10kHz

Damping Factor

32 into 8 ohms	16 into 4 ohms
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Speakers (A,B,C,)

Power Line Voltage/Frequency	AC 120 or 220/240V, 50/60Hz
Power Consumption	530 Watt maximum
Semiconductors	FET's 3 IC's 3 Transistors 62 Diodes 37

Dimensions (including feet and AM antenna)

Width	480mm (18-15/16")
Depth	390mm (15-1/4")
Height	165mm (6-1/2")

Weight (without package)

15 kg (33 lbs)

This unit is designed primarily for usage with speakers with 8 ohm impedance. See your Dealer for information regarding other impedances.

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