

RCA

MODULAR STEREO
MUSIC SYSTEMS



new vibrations from an old master

COMPACT STEREO MUSIC SYSTEMS

SYSTEM SSC 1101



SYSTEM SSC 1101

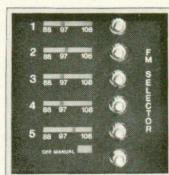
Our finest stereo music system has been created by RCA's engineering laboratories to meet the requirements of even the most exacting audiophile and music lover. Every part and circuit demonstrates a masterful feat of engineering achievement.





Feature Specifications:

FM/AM/FM Stereo Tuner-Amplifier — Up to five FM stations can be preset by the electronic Varactor Tuner. Manually, the ultra-smooth balanced flywheel vernier mechanism assures effortless AM and FM tuning. Both FM and AM circuits have tuned R-F stage to pull in many weak and distant stations. I-F stages include four FM and two AM. Rocker switches include Power, AFC, FM Muting, Loudness Contour, Scratch Filter, Mono/Stereo Mode, and Speakers/Headphones. Function switch selects FM, AM, Phono, and Tape. Separate Bass, Treble, Stereo Balance, and Loudness controls. The d'Arsonval tuning meter permits accurate manual station tuning. RCA's 'Signal Sentry' lets you know when you have tuned an FM station broadcasting in stereo. Terminal connectors for an external FM antenna are provided as well as built-in FM and AM antennas. Jacks include: Front panel-Headphone; Rear panel — Tape Input/Output, Speakers (8 ohms) — left and right.



Varactor Tuning:

Silent, one-touch operation enables you to preset electronically 5 FM stations for accurate, pinpoint tuning.

DUAL 1214 Record Changer — This professional 3-speed manual/automatic changer features a high torque 4-pole motor which guarantees constant speed even with voltage fluctuations from 80-130 volts. The 11" weighted turntable has two interchangeable spindles for automatic or manual play. A continuously variable stylus pressure adjustment. Built-in anti-skate control that assures the stylus will be centered in the record groove for positive tracking. Variable pitch control covers a range of 6%. The silicone-dampened cueing lever enables the tone arm to fall at a fixed rate onto your records — it cannot fall and cause damage. The dynamically balanced, low-mass tone arm features a counterweight adjustment and an Astatic 231D low-mass ceramic cartridge with Diamond/Sapphire Stylus.

Quant/Aural Sound System — Each speaker enclosure houses one 6-inch acoustic suspension woofer plus a specially designed low-distortion 3½" tweeter. The woofer cone is mounted on an 'Elastomer Surround' rim and (with the tweeter) mounted in an air-tight cabinet to give unparalleled stereo reproduction with minimal backwave cancellation and distortion. Listen and compare the difference between Quant/Aural and conventional speaker systems.

Cabinet and Dimensions: Cabinets in Century Walnut (W) with a hinged translucent plastic dust cover for the record changer. Dimensions — Main Unit: H. 11", W. 23¼", D. 15"

Speaker Cabinets (each): H. 9½", W. 16½", D. 9¼".

Technical specifications for this model are on page 12.

COMPACT STEREO MUSIC SYSTEMS

SYSTEM SSC 1102



SYSTEM SSC 1102

A complete stereo music system with 8-track stereo tape player features the same record changer, FM/AM/FM Stereo receiver, 60-watt music power amplifier, and Quant/Aural sound system as System SSC 1101, plus an 8-track stereo tape cartridge player. This built-in cartridge player unit features "instant play" tape — that is, the music starts when a cartridge is inserted and stops when it is withdrawn.

Automatic or manual track selection. A single cartridge plays up to 80 minutes and will then repeat the program. The handy cartridge storage tray allows you to keep up to nine of your favorite cartridges at fingertip distance.

Dimensions — Main Unit: H. 11", W. 27¼", D. 15".

Speaker Cabinets (each): H. 9½", W. 16½", D. 9¼".

Technical specifications for this model are on page 12.



SYSTEM SSC 1103



MRA 1144

SYSTEM SSC 1103

This complete stereo music system has the same feature specifications as the SSC 1101 system, but includes a cassette cartridge recorder/player that records and plays back in stereo. Or plays pre-recorded commercial cassette cartridges. It's stereo tape recording the easy cassette way. Two separate VU recording level meters enable you to monitor both channels. The digital tape usage counter features pushbutton reset. Pushbutton controls include Cassette Up, Record, Play, Stop, Rewind, and Fast Forward. A pair of professional, tubular dynamic microphones, a thread-cleaning tape cartridge and one 60-minute blank cassette cartridge are included with System SSC 1103. Dimensions — Main Unit: H. 11", W. 27¼", D. 15" Speaker Cabinets (each): H. 9½", W. 16½", D. 9¼". Technical specifications for this model are on page 12.

MRA 1144 FM/AM/FM STEREO RECEIVER

This 60-watt receiver is designed for the audio hobbyist who requires the ultimate in performance, convenience, and design. The tuner section is precision-made for sensitive, selective performance. Both FM and AM circuits have tuned R-F stage. Four I-F stages for FM, two for AM. The slide-rule vernier tuning mechanism features a balanced fly-wheel. The d'Arsonval tuning meter indicates and ensures perfect center-of-channel tuning. Rocker switches include Power (On/Off), AFC, Scratch Filter, FM Muting, Mono/Stereo Mode, Speakers/Headphones, and Loudness contour. The function switch selects AM, FM, FM Stereo, Phono, and Tape. There are separate bass, treble, balance, and loudness controls. AM and FM antennas are built-in as well as terminal connectors for external FM antenna. A headphone jack is provided on the front panel. Rear panel jacks include: tape input/output, speakers (8 ohms) — left and right, and remote speakers. The MRA 1144 is complete with its own Century Walnut cabinet and is illustrated with optional speaker modules MXC 1025 (For description, please see page 11). Receiver Dimensions: H. 6", W. 19", D. 14". Technical specifications for the MRA 1144 are on page 12.

COMPACT STEREO MUSIC SYSTEMS



System YZD 572/573



System YZD 599/598

System YZD 572/573

Stereo Cassette Recorder/Player with FM/AM/FM Stereo Radio

Tape it in stereo for instant playback. Or play your favorite pre-recorded cassettes. Or enjoy your favorite radio sounds on AM, FM and FM Stereo. This versatile 20-watt entertainer features two 8" woofers and two tweeters in enclosures that separate up to 20 feet. Solid state stereo amplifier. Cassette push-button controls. Radio has FM Stereo indicator light, slide-rule vernier tuning and Automatic Frequency Control. Stereo headphone jack. Unit comes with blank cassette, microphones, mike stands and neck cord. Dual microphone jacks are on the front panel; while the rear panel jacks include: dual external speaker outputs, dual auxiliary jacks, phono input, and headphone output. Cabinets in Walnut.

Dimensions — Main Unit: H. 5¼", W. 18½", D. 11⅞".

Speaker Cabinets (each): H. 11⅞", W. 11½", D. 6⅞".


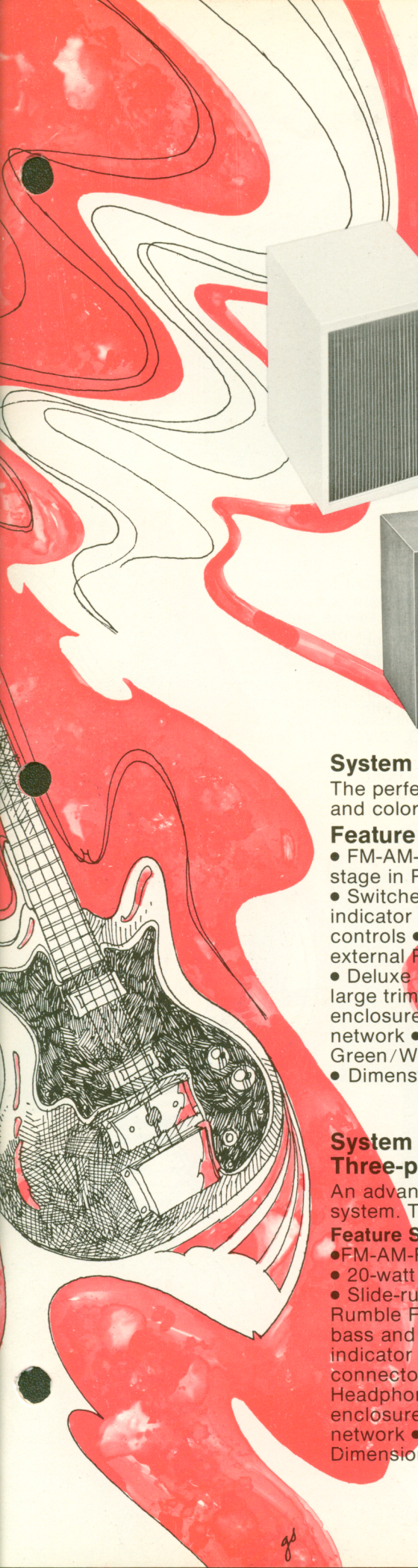
System YZD 599/598

8-track Stereo Tape Player with FM/AM/FM Stereo Radio

Here's a luxury 20-watt sound center — exciting 8-track stereo tape plus the best in broadcast listening. Two 8" woofers and two tweeters are housed in enclosures that can be placed up to 20 feet apart. Tape player features include automatic or manual track selection plus track indicator. FM-AM-FM Stereo radio has tuning meter, FM Stereo indicator light. AFC and slide-rule vernier tuning. Separate bass, treble and stereo balance controls. Rear panel jacks include dual external speaker outputs, phono input, and tape jacks. Cabinets in Walnut.

Dimensions — Main Unit: H. 6", W. 16½", D. 11".

Speaker Cabinets (each): H. 11⅞", W. 11½", D. 6⅞".



System SSB 1100



System RZC 1200

System SSB 1100

The perfect answer for the audio buff who wants performance and color in a compact music system.

Feature Specifications:

- FM-AM-FM Stereo tuner/amplifier provides 15 watts of power • Tuned R-F stage in FM circuit • Slide-rule vernier tuning with d'Arsonval tuning meter
- Switched automatic frequency control (AFC) • RCA's 'Signal Sentry' FM Stereo indicator light • Dial light • Separate bass, treble, stereo balance, and volume controls • Built-in FM and AM antennas • Terminal connectors (on rear panel) for external FM antenna • Jacks: Rear panel — Headphone Tape Input/Output
- Deluxe automatic record changer with cueing lever device, anti-skating control, large trim ring, and ceramic cartridge with Diamond needle • Each speaker enclosure houses a full-range 6" duocone speaker with mechanical crossover network • Smoked plastic dust cover • Cabinets in: Walnut/White (W); Avocado Green/White (G); Lemon-Lime/White (N).
- Dimensions — Main unit: H. 8½", W. 19", D. 14"
Speakers (each): H. 10¾", W. 8", D. 12".

System RZC 1200

Three-piece Modular Radio System

An advanced stereo radio system that forms the basis of a top-notch music system. The RZC 1200 blends electronic technology with ease of operation.

Feature Specifications:

- FM-AM-FM Stereo tuner/amplifier with angled front panel for visual ease
- 20-watt solid state stereo amplifier • Tuned R-F stage in FM and AM circuits
- Slide-rule vernier tuning • d'Arsonval tuning meter • Rocker switches include Rumble Filter, Scratch Filter and AFC • Slide-touch controls include separate bass and treble, stereo balance and loudness • RCA's 'Signal Sentry' FM Stereo indicator light • Dial lighting • Built-in AM and FM antennas • Terminal connectors (on rear panel) for external FM antenna • Jacks: Front panel — Headphone • Rear panel — Tape Input/Output — Phono Input • Each speaker enclosure houses one 6" full-range duocone speaker with mechanical crossover network • Cabinets in Walnut (W) Finish.
- Dimensions — Main Unit: H. 4¾", W. 17½", D. 12".
Speaker Cabinets (each): H. 10¾", W. 8 1/16", D. 10 9/16".

COMPACT STEREO MUSIC SYSTEMS

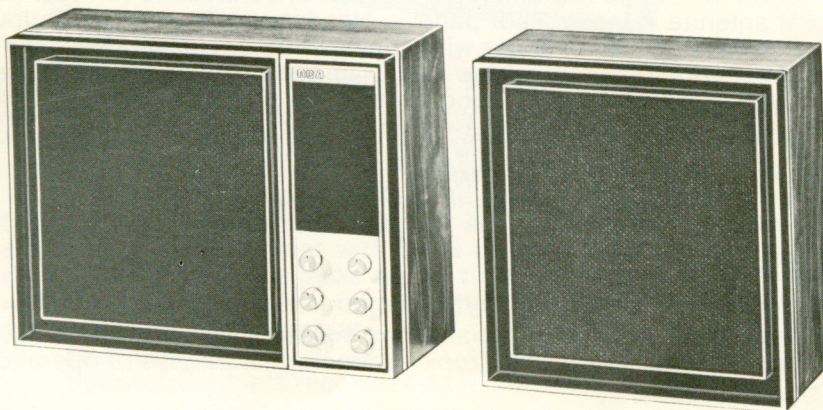
SSC 1104



SSC 1104

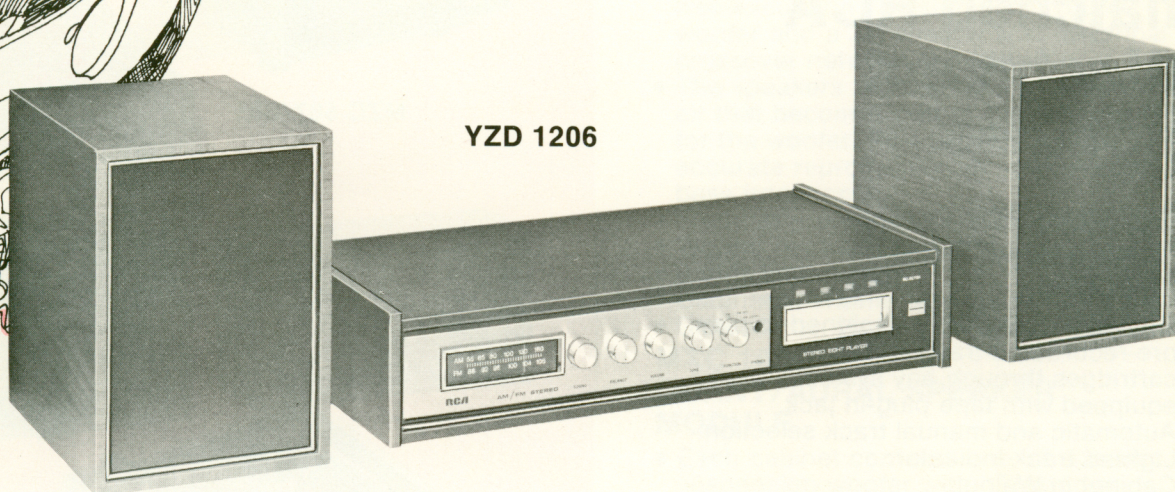
A complete home entertainment centre — 8-track stereo cartridge player with FM-AM-FM stereo radio and 4-speed record changer. Stereo cartridge player has manual track selector and automatic track switchover. Lighted track indicators. The fully automatic record changer has a high-compliance ceramic cartridge, light-tracking tubular tone arm, and needle pressure adjustment for individual stylus pressure requirements. Clear hinged dust protector. The FM-AM-FM stereo radio enables you to pinpoint your station quickly and effortlessly with slide-rule vernier tuning. FM stereo indicator. Switched AFC on FM. Pilot light. Rotary function selector includes: Tape/AM/FM/FM-AFC/FM Stereo/Phono. Continuous tone control. Each sealed speaker cabinet houses a 6" high efficiency speaker to assure sparkling reproduction of high and low frequencies. A stereo headphone jack is on the front panel. Rear panel connections are provided for Tape Out, Tape In (with External/Internal switching), Phono, and FM antenna. Cabinets in Walnut finish with Ebony trim (SSC 1104W). Main unit: H.4½", W.22", D.11". Speaker cabinets (each): H.11", W.8", D.11".

RZC 299



RZC 299

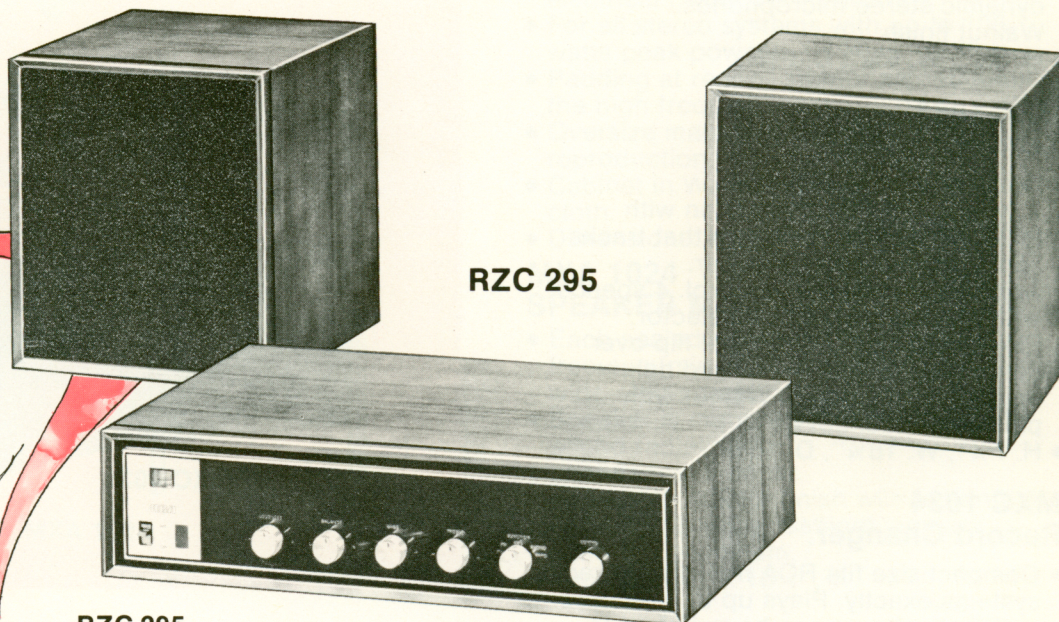
Two-piece FM/AM/FM Stereo system in Walnut cabinetry. The separate speaker cabinet can be placed up to 10 feet from the main unit. Solid state stereo tuner-amplifier delivers 20 watts. Tuned R-F stage on both FM and AM. Tuning meter. Slide-rule vernier tuning with log scale. AFC. FM Stereo indicator light. Separate bass, treble, and stereo balance controls. Blackout dial lights up when power is on. Four speakers: both the main unit and the separate enclosure house an 8" oval woofer plus a tweeter. Plug-in jacks for use with phono or tape units and stereo headphones. Dimensions — Main Unit: H. 11⅞", W. 15⅞", D. 6½". Speaker Unit: H. 11⅞", W. 11½", D. 6½".



YZD 1206

YZD 1206

Solid state 8-track stereo cartridge player with FM-AM-FM stereo radio in new trimline design. The cartridge player has an automatic track changer, for up to 80 minutes of continuous playing time on a single cartridge, as well as a manual track selector. There are lighted track indicators also. The radio features slide-rule vernier tuning with log scale, FM stereo indicator light, and Automatic Frequency Control (AFC) on FM. The pilot light tells you at a glance whether the set is in operation. Continuous tone control. The two 6" high efficiency speakers are in sealed enclosures that can be separated up to 20 feet for beautiful stereo effect. The front-mounted headphone jack lets you enjoy your own private stereo sounds. Rear panel connections include: Tape Out, Tape In (with External Tape/Internal Tape switch), Phono, and FM antenna. Cabinets in Walnut finish with Ebony trim (YZD 1206W). Main unit: H.4½", W.22", D.11". Speaker cabinets (each): H.11", W.8", D.11".



RZC 295

RZC 295

Three-piece, 12-watt FM/AM/FM Stereo system provides dramatic stereo separation with dual 6" speakers in enclosures that can be separated up to 20 feet. Tuned R-F stage on FM circuit. Tuning meter. Slide-rule vernier tuning with log scale. Switched AFC. FM Stereo indicator light. Blackout dial lights up when power is on. Separate bass and treble controls. Plug-in jack for phono or tape. Warm Walnut cabinetry with Ebony grille cloth on speaker enclosures.

Dimensions — Main Unit: H. 4¾", W. 16¾", D. 11½".

Speaker Cabinets (each): H. 9¾", W. 8½", D. 8¾".

Build your own system with matched RCA attachment modules

MZC 587/585 8-track Stereo Tape Player Deck

- Compact deck unit is designed to play pre-recorded 8-track stereo tape cartridges through any system equipped with tape plug-in jack.
- Automatic and manual track selection. Lighted track indicator.
- Cabinet in Walnut.
H. 3 $\frac{3}{4}$ ", W. 6 $\frac{3}{4}$ ", D. 9 $\frac{3}{4}$ ".

MZD 563 Stereo Cassette Tape Deck.

- Designed to complement RCA's modular stereo systems.
- Complete record/playback facilities in monaural or stereo. Digital tape usage counter with push-button reset. Separate volume controls and VU meters for left and right channel monitoring. Two professional tubular dynamic stereo microphones. Walnut finish.
- H. 3 $\frac{3}{4}$ ", W. 6 $\frac{3}{4}$ ", D. 9 $\frac{3}{4}$ ".

MXA 1031 Record Changer.

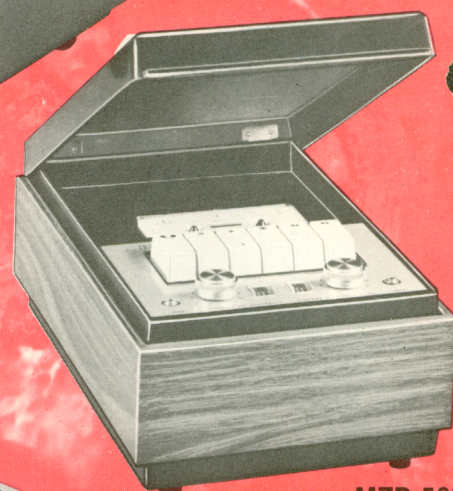
- MacDonald 200 changer. Automatic/manual operation with low-mass tubular tone arm that tracks lightly, reduces record wear. Adjustable anti-skate control. 4 speeds with manual record-size selector. Fingerlift on tone arm. Dual flip-over ceramic cartridge. Over-sized deluxe turntable. Finished in Walnut with plexiglass dust cover.
- H. 7 $\frac{3}{4}$ ", W. 16 $\frac{1}{4}$ ", D. 15 $\frac{1}{2}$ ".

MXC 1034 Record Changer.

- Compact size fits RCA modular stereo systems exactly. Plays up to 6 records automatically, or can be switched to manual operation. 4 speeds. Ceramic cartridge. Attractive plexiglass dust cover. Black and Walnut finish.
- H. 6 $\frac{1}{4}$ ", W. 14 $\frac{3}{4}$ ", D. 11 $\frac{1}{8}$ ".



MZC 587/585



MZD 563

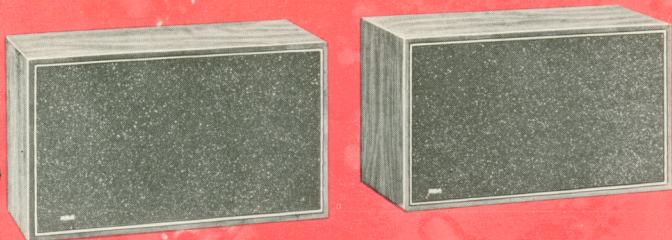


MXA 1031

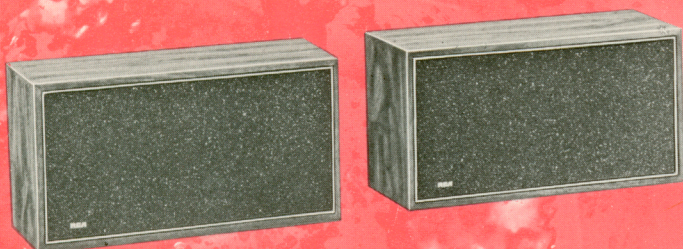


MXC 1034

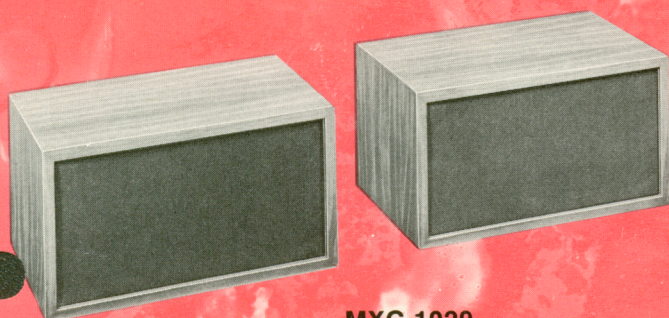
Stands for Modular Stereo Systems



MXC 1026



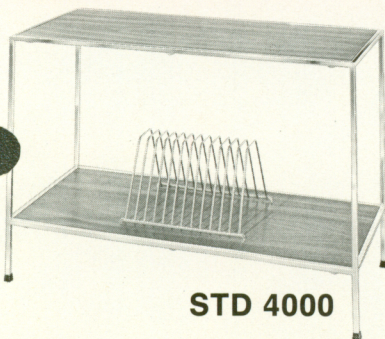
MXC 1025



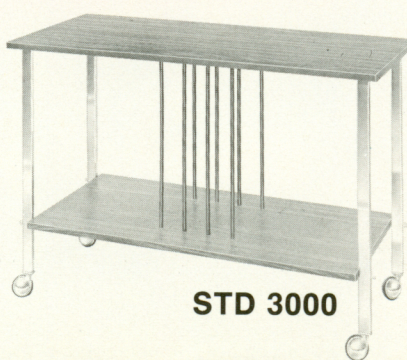
MXC 1029



MXA 1024



STD 4000



STD 3000



STD 5000

MXC 1026 QUANT/AURAL SPEAKER MODULE

- Each cabinet contains one 10" free-excursion "Elastomer Surround" woofer and a 3½" tweeter with electrical crossover network at 4,000 Hz.
- The speakers are sealed in a cushion of air that becomes part of the suspension for the woofer. This provides more accurate reproduction of fundamental bass frequencies.
- Frequency response: 30-20,000 Hz.
- Woofer resonance: 60 Hz.
- 8 ohm impedance.
- Cabinet in Walnut with Ebony grille cloth.
- Dimensions: H. 13", W. 23", D. 10¾".

MXC 1025 QUANT/AURAL SPEAKER MODULE

- Each cabinet contains one 8" acoustic suspension woofer with "Elastomer Surround" and a 3½" tweeter with electrical crossover network at 4,000 Hz.
- Operates on the same principle as the MXC 1026 speaker module.
- Frequency response: 30-20,000 Hz.
- Woofer resonance: 60 Hz.
- 8 ohm impedance.
- Cabinet in Walnut with Ebony grille cloth.
- Dimensions: H. 10", W. 20", D. 7½".

MXC 1029 SPEAKER MODULE

- Each sealed cabinet houses one 8" woofer plus two 3½" tweeters with an electrical crossover network.
- For all stereo systems with up to 100 watts peak power.
- Padding at rear of interior smooths out the high frequencies.
- Oversize magnet produces purer bass reproduction.
- Cabinet in Walnut with matching grille cloth.
- Dimensions: H. 10", W. 19", D. 11½".

MXA 1024 SPEAKER MODULE

- Each sealed enclosure houses a free-excursion 6½" duocone speaker for wide-range response.
- Speaker is mounted face-up for 360° sound radiation.
- Impedance: 8 ohms.
- Cabinet in Walnut finish with accents of Ebony and White. Cabinet legs are extruded aluminum.
- Dimensions: H. 15½", W. 10¾", D. 10¾".

TECHNICAL SPECIFICATIONS:

SSC 1101/1102/1103

MRA 1144

I... AMPLIFIER SECTION:

Music Power:	60 Watts	60 Watts
RMS Power:	15/15 Watts @ 8 ohms	15/15 Watts @ 8 ohms
Distortion (at rated output):	5%	5%
Frequency Response:	30-25,000 Hz \pm 3 dB	30-25,000 Hz \pm 3 dB
Bass Range:	\pm 10 dB at 100 Hz	\pm 10 dB at 100 Hz
Treble Range:	\pm 10 dB at 10 KHz	\pm 10 dB at 10 KHz

II... FM TUNER SECTION:

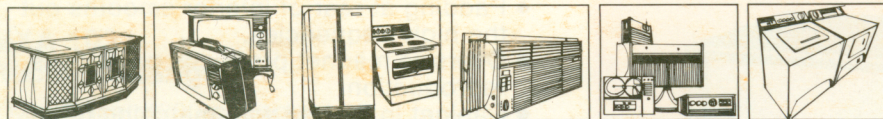
Sensitivity:	3.5 μ V	3.5 μ V
Sensitivity (for 30 dB S/N ratio):	5.5 μ V	7.0 μ V
Limiting Sensitivity:	20 μ V	20 μ V
FM Stereo Separation (at 1 KHz):	29 dB	25 dB
IF Rejection (at 100 MHz):	70 dB	70 dB
Image Rejection (at 100 MHz):	45 dB	45 dB

III... AM TUNER SECTION:

Sensitivity:	140 μ V	140 μ V
Sensitivity (for 20 dB S/N ratio):	230 μ V	230 μ V

IV... SPEAKER SYSTEM:

Type:	2-Way (air-suspension)	---
Woofers:	6-inch "Elastomer Surround"	---
Tweeters:	3 1/2"	---
Impedance:	8 ohms	---
Frequency Response:	30-20,000 Hz	---
Crossover Frequency:	4,000 Hz	---
Woofer Resonance:	70 Hz	---



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