

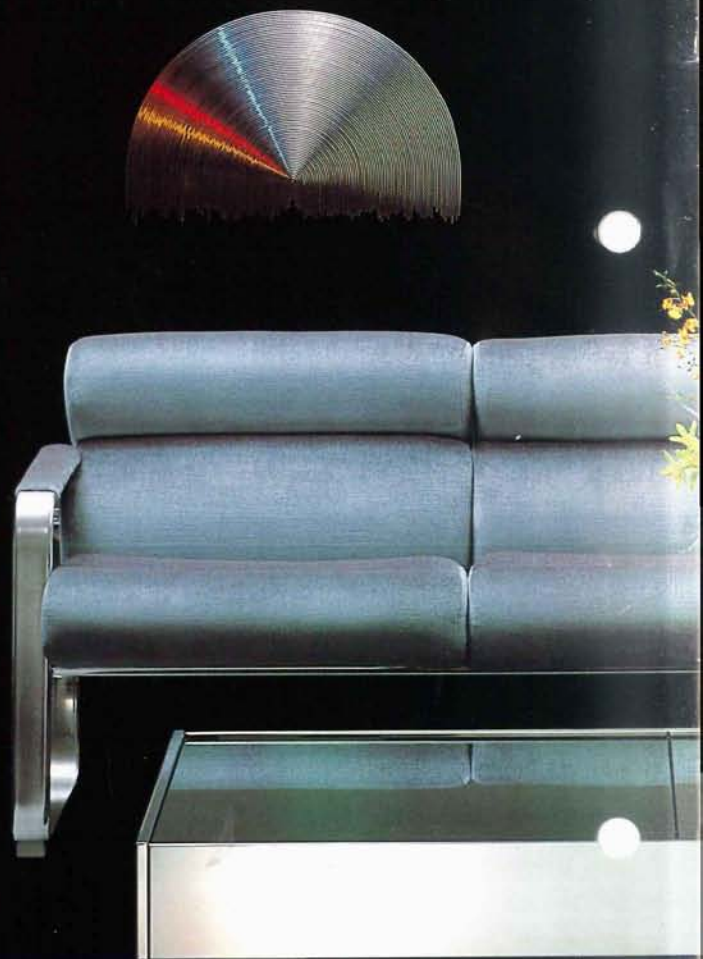
KENWOOD

COMPACT COMPONENT SERIES

The New Spirit in Audio



The new spirit in audio



A new stereo system that's probably tuned to exactly the life that you lead.



Series 9

A-9/T-9/X-9/P-9/SRM-9

It has the capacity of a "king-size" stereo system, yet it sits easily on a shelf or a desk top. It provides the sound quality that many hi-fi "specialists" would envy. And it offers all and much more of the pushbutton convenience of a cassette-radio. Series 9 is the spirit of the new audio age.

A-9

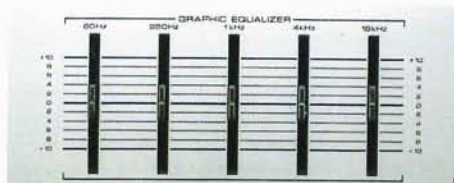
Stereo Integrated Amplifier with Built-in Graphic Equalizer



The graphic equalizer alters the sound to suit the listening environment

Because each listening room makes reproduced music sound different, a graphic equalizer is a highly useful—even essential—member of the audio team. Using the sliders, you can adjust the way the music sounds to compen-

sate for the room's acoustic deficiencies. A boost for dull tones lost in the



Accurate sound "tailoring"

drapes; a cut for harsh tones reflected off bare walls. In the same way, you can improve the speakers and even the music itself—for example, make a dull record pressing sound more dynamic. You can even isolate or cut out one instrument—a handy device for playing your own instrument along with the rest of the recorded music.

Special tapes for your car stereo

There's another important use for the graphic equalizer. You can use it to prepare tapes for the car, whose acoustic environment can make ordinary taped music sound awful. You can also employ the graphic equalizer to record noise-free tapes.

Easy taping

Look at the panel on the right and you'll see four input selector keys. These activate at a single light touch. This new simplified arrangement lets you copy tapes easily (either from Tape Deck A to Tape Deck B or reverse) without any complicated terminal reconNECTIONS. Recording with two decks at the same

time is also easy.

Luxury motor-driven volume control functions by fingertip

This new type of control to raise or lower the volume level literally works at the touch of a finger. An illuminating color-coded LED scale above the key gives a visual record of the current level and makes it easy to readjust to a preferred level.

You can select two speaker systems

A selector allows you to choose either or both speaker systems, an ideal arrangement for sometimes providing music to a second room.

High power output and clear sound

40 watts per channel, minimum RMS, both channels driven at 8 ohms from 20Hz to 20kHz with no more than 0.05% total harmonic distortion.

With this audiophile-quality specification behind you, you'll never need to worry about poor sound quality—it's better than many hi-fi enthusiasts enjoy! It's more than enough to drive two pairs of speakers simultaneously at no sacrifice in sound quality. And it's plenty to bring out every dynamic musical "peak"—even if it's hard-rock and you like it loud.

T-9

Quartz Synthesizer AM/FM Tuner with Built-in Timer



Built-in 3-way timer to expand your life-style

The timer offers a number of options that considerably improve the potential of your stereo system. Your musical life will begin to improve, too, because the timer can take control of the whole system. For example, you can wake up each morning to your favorite taped or recorded music or a broadcast station, or you can go to sleep with it. If you want to record a broadcast in your absence or while you are asleep, the timer can arrange that, too.

Automatic memory presetting of stations

A new, simplified presetting system reduces this operation to just three easy moves: select FM or AM, press the preset key, then press the auto-tuning key which does the rest of the work for you. The tuner scans for 6 listenable stations and then memorizes their frequencies for instant recall. With "manual" presetting, you find a particular station first and then insert it into an available open preset.

Automatic or "manual" digital tuning

The synthesizer tuning system removes all the old chores of tuning from the operator's hands. Press the AUTO key and the tuner locates the nearest listenable station in the direction previously chosen and presents it for your enjoyment. If you want to pass, press the AUTO key again. That's all. If you wish to hear a weak station that is normally excluded by auto-tuning, switch to MANUAL mode, then press the TUNING key UP or DOWN until the tuner locates your station.



Useful timer facility



Easy preset tuning

Memory back-up power in case of power failure

You'll have no worries if the kids pull the plug or if the electric power supply fails. Separately purchased A3 batteries keep memory-written instructions intact.

X-9

Computer Cassette Deck with DPSS Direct Program Search System



Select the music you want to hear on a tape

The Kenwood DPSS music-searcher gives you the same flexibility with a tape that you'd have with a record: you can hear any cut from anywhere along the tape. All you need to do is tap out the required cut number (the system works for a total of 16 forward, 15 reverse) on the forward or rewind logic key, and the deck does the rest.

Automatic tape selection works for you

This is a cassette deck that's really designed to work for the operator. No sooner do you load a tape than the deck automatically senses which kind of tape it is and electronically adjusts itself accordingly for optimum results. Indicators merely inform you of the current tape status.

No problems when recording

When you are recording, you will not have any complicated recording level adjustment to do. As you can see, there are no meters. The deck automatically records at the optimum level to avoid

over- or under-recording.

Auto-recording mute: a useful aid

You can use this automatic silent-recording spacer either for DPSS cut-selection purposes (the DPSS system senses gaps between recorded cuts) or to edit out unwanted material such as commercial messages when recording off the airwaves.

Advanced Amorphous Alloy magnetic head: an ideal match for metal tape

Metal tape capability is an advantage if you demand the highest quality home-recorded tapes. It allows more dynamic musical content to be put onto tape, and increases the high frequency range. But it is a difficult tape which needs to have a special magnetic head designed for it in order to be fully optimized. The new Amorphous Alloy head is just such a special head.



With DPSS, you have access to any music selection recorded on a tape. The display provides easy visual feedback on current operations. Here, FULL REPEAT mode is displayed.



SRM-9

"Personality" Audio Rack

At last, here's an audio rack that doesn't make your stereo system look like the inside of a recording studio. It's carefully and attractively designed so that it will blend in with any room decor. Moreover, its wheel pods give it mobility so that the system can easily be moved about.

R-9

Lowboy Open Type Audio Rack



P-9

Vertical Front Loading Computerized Automatic Turntable with Linear Tracking Arm

Space-saving vertical design gives the stereo system a new look

With the door closed, its depth is about the size of a small paperback, which means the entire system can fit quite close to the wall and not protrude into the room. Moreover, it changes the entire character of the stereo system, giving it an original, 21st Century look.

Linear tracking tonearm

The turntable employs a new type of linear tracking tonearm that allows for the vertical standing design. But it has other benefits to offer as well. For example, it is totally free of "tracking error". In conventional tonearm design, the pivoted arm actually changes its angle as it goes from the outside to the inside tracks. On the other hand, the record is originally made with all the grooves following the same parallel relationship. Therefore, the linear tracking tonearm follows an unvarying tracking angle that is actually ideal.

Fully automatic operation by microcomputer includes repeat

microcomputer "brain" will help you operate this advanced turntable. After switching on, put on a record, push the play button and sit back to enjoy the music. Most functions are activated just by pushing buttons and you won't need to touch the tonearm at all. The tonearm can be cued-in at any groove by pushbutton, and it can be moved back or forward freely by pushbutton. You can even order a repeat of a single track or



the remainder of a side from the point you designate.

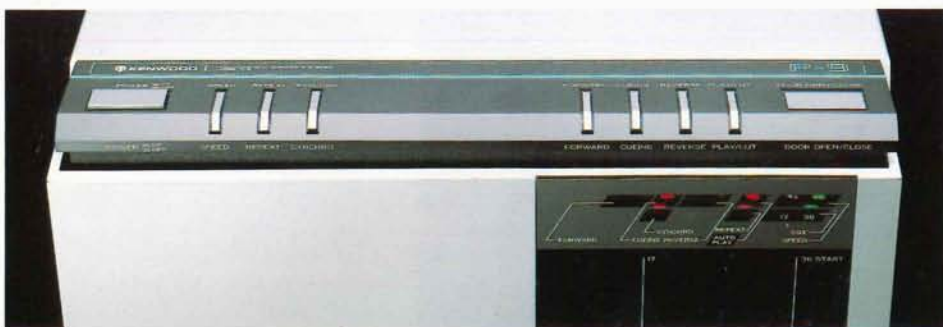
No bothersome adaptor for EPs: selection is automatic

Functions such as disc size and speed selection are automatic. Whether you put on an LP or an EP record, this turntable has the capability of sensing its size and operating accordingly. The EP adaptor is actually built-in to the unit.

New Synchro Start and Stop function: a perfect electronic aid for making your own original tapes

Now you can easily create your own

music selection on tape. The computer-guided Synchro function allows you to control your X-9 cassette deck's recordings from the P-9 turntable. The cassette deck can be started and stopped by the P-9's Synchro pushbuttons. Naturally, operations include automatic silent-recording spacing (for DPSS functioning) followed by recording pause to wait for the next recording instruction that you order. It's the most convenient and labor-saving way we know for recording, especially if you are choosing tracks from various records in preparation for a party.



Load a record, close the door, push a button and sit back to listen.

Sit back, relax and start enjoying yourself with the new spirit of audio

Precious moments: uninterrupted music when you need it

Kenwood audio can be as discreet as you wish, playing the right music without a break. If you opt for our remote control unit (the RC-7), all the cassette deck's important functions can be controlled from where you're sitting. And that includes repeating that haunting melody... Preparing a tape full of your choice of mood music is easy with the synchro recording system. And remember, the turntable is nearly self-operating.



Kenwood makes it easier to make friends happy

It's the easiest thing in the world to make your party a great success musically. You can make your own special tapes effortlessly, assisted by such functions as the cassette deck's automatic tape selector, one-touch recording and the turntable's unique synchro recording system.



Active audio: share your passion for creative music making

Here's where you can really expand your musical horizons. Have your friends gather for a productive, creative music session where you can record, dub, adjust and mix sound like a professional recording engineer. Yet there's nothing complicated in this at all; Kenwood engineers have kept it simple and effective.



Good morning, good night! Kenwood's new audio will serve you faithfully

No servant could do more to smooth away life's minor problems—like how to wake up feeling great. The Kenwood "timer in a tuner" can organize everything for you: send you to sleep and wake you up with music, and even record for you while you're asleep or away. Preset auto-tuning makes it easy to hear one of your favorite stations. Wake up to a most-favored record, or to a tape recorded with your own easily recorded music selections.



Series 7

•A-7/T-7/P-7/X-9/SRM-7

Series 7: a leaner version of Series 9 that makes no sacrifices in sound quality. Operational tasks are at a minimum; and the system's harmonizing design will be a welcome addition to your room decor.

A-7

Stereo Integrated Amplifier

Two speaker systems

This lets you connect two pairs of speakers and feed the music to either or both sets.

Easy tape dubbing

If you're planning to build up a library of cassette tapes, you won't find any easier way than this pushbutton tape selector system. You just push the Tape A selectors to start copying the tape on deck B, or the other way round.



One-touch input selectors

As you can see, the panel is arranged simply. Any connected input can be selected at the touch of a button.

Tone boost system

More simple than conventional rotary tone controls, these pushbuttons give a

boost to either the low or high tonal ranges, or both, to compensate for any deficiencies in the room or music.

Superb sound from your records

Play your records through this amplifier and you'll quickly discover just how clean and clear recorded music can sound.



T-7

AM/FM Stereo Tuner

An efficient tuning system

Although this is not digital tuning, this tuner still gives you tuning the easy way. An LED in the dial pointer flashes as an active station is approached, flashes faster near the center-tuning point and glows brightly at dead-center of the chan-

nel. A 5-LED signal meter also aids in finding the optimum signal strength point.

Outstanding interference rejection

If you live in an area where broadcast stations or other signals compete for precious air-space, this tuner is going to

prove its value to you immediately.

Smooth tuning

As soon as you start tuning, you will know from the "feel" of the tuning knob that you are in the presence of a precision instrument.

P-7

Fully Automatic Turntable with Auto-Repeat

Automatic convenience

Except for putting the record on the platter, everything else can be done by pushbutton.

Automatic repeat

You can order a repeat of a record side at any time and it will continue to play until ordered to stop.

High performance

The mechanism inside the P-7 is one of the most accurate and stable of its kind available anywhere.



Low-resonance straight tonearm

A new, straight type low-mass and

rigid tonearm design ensures that you won't hear any tonearm resonance problems that many low-cost turntables are prone to.

X-9

Computer Cassette Deck with DPSS Direct Search System

Outstanding cassette deck value

Since this is exactly the same deck as used in Series 9, you'll have all



benefits of top-quality sound and easy operation.



SRM-7 "Personality" Audio Rack

Here's a system rack that avoids the specialist look in favor of a clean, attractive and decor-harmonizing look.



New Kenwood-brand cassette tapes

These new high-quality tapes are a perfect match for Kenwood decks.

RC-7 Remote Control for X-9 Cassette Deck

With this hand-held unit you can duplicate all the essential logic-controlled operations (including DPSS music search) of the X-9 from where you're sitting.



SPECIFICATIONS

A-9

A-7

PERFORMANCE

Power Output	40 watts per channel minimum RMS, both channels driven, at 8 ohms from 20Hz to 20kHz with no more than 0.05% total harmonic distortion. 43 + 43 watts 8 ohms at 1kHz (Both channels driven)	22 watts per channel minimum RMS, both channels driven, at 8 ohms from 40Hz to 20kHz with no more than 0.09% total harmonic distortion 24 + 24 watts 8 ohms at 1kHz (Both channels driven)
Dynamic Power Output at 4 ohms	130 watts	90 watts
Total Harmonic Distortion		
AUX input to SPEAKER output	0.05% at rated power into 8 ohms (20Hz to 20kHz) 0.04% at 1/2 rated power into 8 ohms (20Hz to 20kHz)	0.09% at rated power into 8 ohms (40Hz to 20kHz) 0.05% at 1/2 rated power into 8 ohms (40Hz to 20kHz)
PHONO input to SPEAKER output (1kHz)	0.04% at rated power with VOLUME -20dB	0.05% at rated power with VOLUME -20dB
Intermodulation Distortion		
(60Hz:7kHz = 4:1)	0.05% at rated power into 8 ohms	0.09% at rated power into 8 ohms
Damping Factor	30 (1kHz into 8 ohms)	30 (1kHz into 8 ohms)
Power Bandwidth	20Hz to 35kHz at 0.2% T.H.D.	20Hz to 35kHz at 0.2% T.H.D.
Frequency Response	10Hz to 100kHz, +0dB, -3dB	10Hz to 60kHz, +0dB, -3dB
Input Sensitivity/Impedance		
PHONO (MM)	2.5mV/50k ohms	2.5mV/50k ohms
TUNER/TAPE A/TAPE B	150mV/30k ohms	150mV/30k ohms
Signal to Noise Ratio (IHF. A)		
PHONO	71dB for 2.5mV input/77dB for 5.0mV input	71dB for 2.5mV input/77dB for 5.0mV input
TUNER/TAPE A/TAPE B	102dB for 150mV input	100dB for 150mV input
Phono Maximum Input Level	150mV (RMS), T.H.D. 0.05% at 1kHz	150mV (RMS), T.H.D. 0.05% at 1kHz
Output Level/Impedance		
TAPE REC (PIN)	150mV/1.5k ohms	150mV/1.0k ohms
Phono Frequency Response (20Hz to 20kHz)	RIAA standard curve ± 0.3 dB	RIAA standard curve ± 0.3 dB
Graphic Equalizer		
5 Elements	60Hz/250Hz/1kHz/4kHz/16kHz (± 10 dB)	-
Boost Low/High	-	100Hz +8dB/10kHz +8dB
Loudness Control (at -30dB VOLUME Level)	+10dB at 100Hz	+9dB at 100Hz
GENERAL		
Power Requirements	120V/220-240V, 50/60Hz (Switchable)	120V/220-240V, 50/60Hz (Switchable)
Power Consumption	195 watts at rated output power into 8 ohms 23 watts at no signal	95 watts at rated output power into 8 ohms 20 watts at no signal
A.C. Outlet	Switched 2, Unswitched 1 (Except Australia model)	Switched 2, Unswitched 1 (except Australia model)
Dimensions (W x H x D)	350 x 108 x 227mm (13-3/4" x 4-1/4" x 8-5/16")	350 x 108 x 237mm (13-3/4" x 4-1/4" x 9-5/16")
Weight (Net)	6.2kg (13.7lbs)	4.1kg (9.0lbs)

SPECIFICATIONS

T-9

T-7

FM TUNER SECTION

Usable Sensitivity	10.8dBf (0.95 μ V)	10.8dBf (0.95 μ V)
50dB Quieting Sensitivity		
Mono/Stereo	16.4dBf (3.6 μ V)/37.2dBf (40 μ V)	17.2dBf (4.0 μ V)/37.2dBf (40.0 μ V)
Signal to Noise Ratio		
Mono/Stereo	77dB at 65dBf/70dB at 65dBf	75dB at 65dBf/70dB at 65dBf
Total Harmonic Distortion (Normal)		
Mono 1kHz/50Hz to 10kHz	0.1%/0.4%	0.1%/0.4%
Stereo 1kHz/50Hz to 10kHz	0.15%/0.6%	0.2%/0.6%
Capture Ratio	1.0dB	1.5dB
Alternate Channel Selectivity	50dB	50dB
Stereo Separation		
1kHz/50Hz-10kHz	45dB/35dB	40dB/35dB
Frequency Response Ratio	30Hz to 15kHz +0.2dB, -2.0dB	30Hz to 15kHz +0.2dB, -2.0dB
Spurious Rejection Ratio	90dB	80dB
Image Rejection Ratio	80dB	50dB
IF Rejection Ratio	90dB	90dB
AM Suppression Ratio	65dB at 45dBf	65dB at 65dBf
Sub Carrier Suppression Ratio	60dB	35dB

AM TUNER SECTION

Usable Sensitivity	10 μ V	13 μ V
Signal to Noise Ratio	50dB	48dB
Image Rejection	30dB	45dB
Selectivity	32dB	25dB

GENERAL

Power Requirements	120V/220-240V, 50/60Hz (Switchable)	120V/220-240V, 50/60Hz (Switchable)
Power Consumption	0.1A	0.1A
Dimensions (W x H x D)	350 x 68 x 238mm (13-3/4" x 2-11/16" x 9-3/8")	350 x 68 x 255mm (13-3/4" x 2-11/16" x 10-1/16")
Weight (Net)	2.6kg (5.7lbs)	2.4kg (5.3lbs)

SPECIFICATIONS

P-9

P-7

MOTOR & TURNTABLE

Drive System	Belt Drive System	Belt Drive System
Motor	F.G. Servo Motor	4-Pole Synchronous AC Motor
Turntable Platter	20.5cm (8-1/16") Diameter, 0.85kg (1.9lbs) Weight	30cm (12") Diameter, Aluminum Alloy Die-Cast
Speeds	2 Speeds, 33-1/3 and 45 rpm	2 Speeds, 33-1/3 and 45 rpm
Wow & Flutter	Less than 0.07% (WRMS)	Less than 0.05% (WRMS)
Rumble	DIN weighted better than -65dB	DIN weighted better than -65dB

TONEARM

Type	Dynamic Balance Type Linear Tracking System	Static-Balance Type, Straight Tubular Arm
Effective Tonearm Length	62mm (2-7/16")	213mm (8-3/8")
Overhang	—	14mm (9/16")
Tracking Error	± 0.5°	+ 4° - 1°
Stylus Pressure Variable Range	2.5 grams (fixed)	0 to 3 grams
Usable Cartridge Weight	—	5 to 8 grams (with supplied headshell)

CARTRIDGE

Furnished Cartridge	V-52 (Dual Magnet Type VM)	V-50 (Moving Magnet Type)
Stylus	N-52 with 0.6 mil Diamond	N-50 with 0.7 mil Diamond
Frequency Response	20Hz to 20kHz	20Hz to 20kHz
Output Voltage	2.5mV (1kHz, 5cm/sec)	2.5mV (1kHz, 5cm/sec)
Optimum Tracking Force	2.5 grams	1.5 - 1.8 grams
Load Impedance	47k ohms	47k ohms
Replacement Stylus	N-52	N-50

MISCELLANEOUS

Power Requirements	120V/220-240V, 50/60Hz (Switchable)	120V/220-240V, 50/60Hz (Switchable)
Power Consumption	23 watts	10 watts
Dimensions (W x H x D)	358 x 392 x 187mm (14-1/8" x 15-7/16" x 7-3/8")	388 x 129 x 372mm (15-1/4" x 5-1/16" x 14-5/8")
Weight	9.0kg (19.2lbs)	4.8kg (10.6lbs)

SPECIFICATIONS

X-9

SRM-9/SRM-7/R-9

Type	Front Loading Stereo Cassette Deck with Dolby* NR System
Track System	4-Track 2-Channel Stereo/Mono Record/layback
Recording System	AC Bias (Bias Frequency: 105kHz)
Erasing System	AC
Tape Speed	4.76cm/sec (1-7/8 ips)
Heads	
Rec/Play	Amorphous Alloy Head
Erase	Double Gap Ferrite Head
Motor	Electronically-Controlled DC Motor
Fast Winding Time	Approx. 100 seconds with C-60 tape
Frequency Response	
Normal Tape	20Hz to 16kHz (40Hz to 15kHz, ± 3dB)
CrO ₂ Tape	20Hz to 17kHz (40Hz to 16kHz, ± 3dB)
Metal Tape	20Hz to 17kHz (40Hz to 16kHz, ± 3dB)
Signal to Noise Ratio	
Dolby ON (Over 5kHz)/Dolby OFF	67dB/57dB
Harmonic Distortion	Less than 1.0% (at 1kz, 0VU with Metal Tape)
Wow & Flutter	0.04% (WRMS) ± 0.14% (DIN)
Input Sensitivity/Impedance	
Line x 2	78.4mV/68k ohms
Microphone x 2	0.2mV/100k ohms
Output Level/Load Impedance	
Line x 2	275mV (0VU)/47k ohms
Power Requirements	120V/220-240V, 50/60Hz
Power Consumption	18 watts
Dimensions (W x H x D)	350 x 108 x 222mm (13-3/4" x 4-1/4" x 8-3/4")
Weight	4.1kg (9.0lbs)
Supplied Accessories	Head Cleaning Set x 1, Audio Connection Cord x 2 Synchro Connecting Cord x 1

SRM-9

Dimensions	417 x 964 x 333mm (16-13/32" x 17-1/8" x 13-1/8")
Weight	Net 10kg (22.0lbs)/ Gross 12kg (26.5lbs)

SRM-7

Dimensions	391 x 742 x 362mm (15-13/32" x 29-27/32" x 14-1/4")
Weight	Net 13.5kg (29.8lbs)/ Gross 15.0kg (33.1lbs)

R-9

Dimensions	791 x 458 x 250mm (31-9/64" x 31-1/32" x 9-29/64")
Weight	15.6kg (34.3lbs)

*Trademark of Dolby Laboratories Licensing Corp.

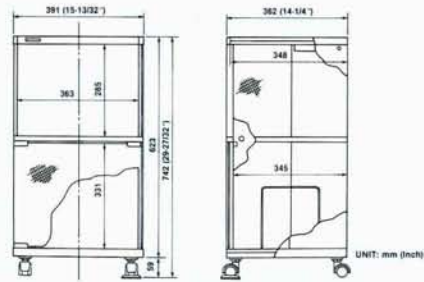
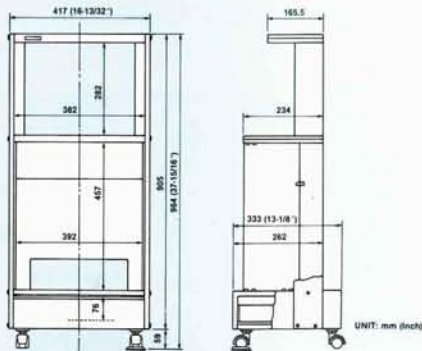
Kenwood follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.



SRM-9 Rack for Series 9



SRM-7 Rack for Series 7



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