


JVC[®]

SYSTEM & PORTABLE AUDIO 2000



2000





Positive looks and
dynamic power in
compact
dimensions.
The 3-CD Triple-Tray
changer, the smart
and functional
Powered Rolling
Panel, and now
the Twin Hyper
Power-Drive
Subwoofers.



MX series

Powered Rolling Panel

To start the music, touch any key on the front panel: the rolling control panel comes into view, revealing keys for sound adjustment and source control. At the touch of the OPEN/CLOSE key, the panel is rotated to conceal the secondary controls. The design allows both a clean, sharp look

POWERED ROLLING PANEL

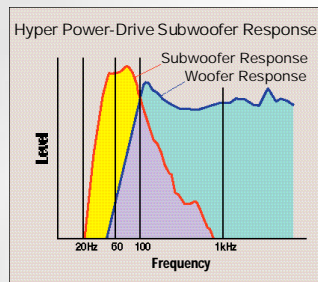


and ease of use.

Twin Hyper Power-Drive Subwoofers (MX-J900/MX-J700)

The MX-J900 and MX-J700 each present a sturdy appearance and deliver sturdy sound to go with it, reaching down to 30Hz. How? They feature a 4-way bass-reflex speaker design centered around the innovative Twin Hyper Power-Drive Subwoofers. And there is more behind its doubly rich bass sound.

With the Multi-Amplifier System, the subwoofers and main speakers are driven by the separate power amplifiers—150W/channel and 50W/channel (total 400W) with the MX-J900, and 100W/channel and 50W/channel (total 300W) with the MX-J700, respectively. This design ensures both efficient power delivery and higher clarity in mids and highs. The large-diameter diaphragms



have a lightweight, elastic polyether urethane edge to help extend bass frequencies. The 6-layer and 4-layer voice coils (MX-J900 and MX-J700, respectively) allow efficient driving and pure bass sound, stripped of unwanted frequencies.

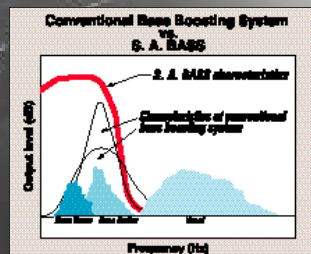
A weight ring is coupled to the cone diaphragm to keep bass response under tight control.

Extended Super Bass Circuit (MX-J900/MX-J700)

The Extended Super Bass Circuit is another JVC innovation for powerful bass. It generates harmonics of bass frequencies that are below the lowest playable frequency and adds them to the audible signals by shifting them into the audible range. The result is high-density bass sound. The boost circuit extends the low-frequency range, and the Q Control circuit actively controls its operation, to achieve bass that remains clean and undistorted even at high volume.

S.A. BASS (Signal Adaptive Bass System) (MX-J800)

Conventional bass boost circuits are designed to increase a specific frequency range, which sometimes alters the tonal character of the vocals and instruments. But this doesn't apply to JVC's intelligent S.A. BASS (Signal Adaptive Bass System).



First, the Bass Level Detection Circuit checks the level of low frequencies in the incoming signal and sets the optimum boosting levels. Then the Level Compensation Circuit applies the optimum amount of bass boost. You fully enjoy wide dynamic range as well as solid, rich bass from any music source—irrespective of volume level and program type.

JVC Home-Theater Audio—Dolby Pro Logic with a package of five speakers (MX-J800)

The MX-J800 comes complete with a center speaker and a pair of surround speakers, as well as a Dolby Pro Logic decoder, a separate amp for each channel, and front speakers.

Play & Exchange 3-CD changer

The 3-disc changer comes with three separate trays: conveniently, you can pull out trays not currently in use and put in new discs without stopping music.

Velocity-sensitive rotary encoder volume control (MX-J800)

The rotary encoder volume control features two operation modes. Turn the knob quickly to instantly increase or decrease the level, or turn it slowly to fine-adjust the level. Level is displayed on an attractive, easy-to-read fluorescent display.

COMPU PLAY (all models)

Just touch a single button to choose a source (CD, cassette or tuner), and the system will automatically turn on and initiate all steps to start the music.

3 preset electronic equalizations plus 3 manual settings

Apply matched equalization according to the type of music you play. Three custom responses for ROCK, POP and CLASSIC reside in memory for instant recall. Moreover, with top models, you can create three custom equalizations on your own and recall them at a touch.

Active Bass Extension

Active-Bass Extension gives you a clean, profound bass. With the MX-J500, you can customize the response of low frequencies to your preference in four steps.



MX-J900

Compact Component System



Amplifier/General

- Power output: Subwoofer: 150 watts per channel; Main Speaker: 50 watts per channel
- Powered Rolling Panel
- Multi-amplifier system
- Independent subwoofer volume control (8-step) with edge light
- Extended Super Bass
- SPI (Spectro Peak Indicator)
- Electronic equalizations (3 presets plus 3 manual settings)
- AUX input/output
- Live Surround (Dance Club/Hall/Stadium)
- COMPU PLAY

Tuner

- 15 AM and 30 FM station memory
- Programmable timer (Daily, Record, Sleep)

3-CD Triple-Tray Changer

- Play & Exchange System
- Dual 1-bit D/A converters
- 32-track programming
- 16-track program chart
- 3-disc program/smart random/repeat play
- Auto edit functions
- Optical digital output

Cassette Deck

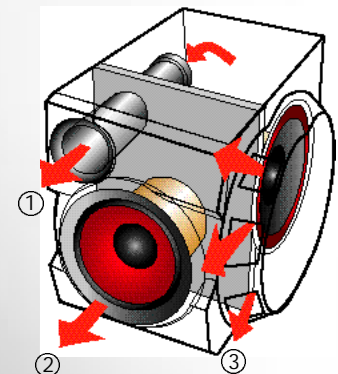
- Double auto-reverse transports
- Full-logic control
- CD synchro start recording
- Auto tape selector (Normal/CrO₂)
- Music Scan

Speaker System

- Twin Hyper Power-Drive 7⁷/₈" (20cm) subwoofers
- 4-way bass-reflex design: 7⁷/₈" (20cm) cone subwoofer, 7⁷/₈" (20cm) cone woofer, 2" (5cm) cone midrange, 1³/₁₆" (2cm) dome tweeter



Hyper Power-Drive Subwoofer

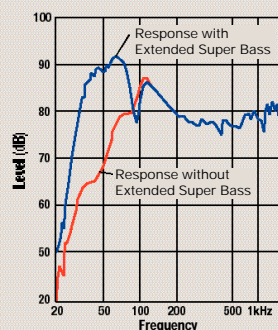


Twin Hyper Power-Drive Subwoofers

- ① Ultra Low Frequencies
- ② Low Frequencies
- ③ Ultra Low Frequencies



Extended Super Bass Circuit (MX-J900/MX-J700)



The Extended Super Bass Circuit generates harmonics of bass frequencies that are below the lowest playable frequency and adds them to the audible signals by shifting them into the audible range. The result is high-density bass sound. The boost circuit extends the low-frequency range, and the Q Control circuit actively controls its operation, to achieve bass that remains clean and undistorted even at high volume.

MX-J800

Compact Component System



S.A.BASS



Amplifier

- Power output: Front: 120 watts per channel; Center: 30 watts; Rear: 15 watts per channel
- Powered Rolling Panel
- Dolby Pro Logic Surround—complete with 5 speakers
- Dolby 3 Stereo
- SPI (Spectro Peak Indicator)
- Electronic equalizations (3 presets plus 3 manual settings)
- AUX input/output
- Subwoofer output
- Live Surround (Dance Club/Hall/Stadium)
- S.A. BASS (2-step)

COMPU PLAY

Tuner

- 15 AM and 30 FM station memory
- Programmable timer (Daily, Record, Sleep)

3-CD Triple-Tray Changer

- Play & Exchange System
- Dual 1-bit D/A converters
- 32-track programming
- 16-track program chart

- 3-disc program/smart random/repeat play
- Auto edit functions
- Optical digital output

Cassette Deck

- Double auto-reverse transports
- Full-logic control
- CD synchro start recording
- Music Scan

Speaker System

- Labyrinth Aeroport System

- 4-way bass-reflex design: 6⁵/₁₆" (16cm) cone woofer, 2" (5cm) cone midrange, 1⁵/₈" (4cm) cone tweeter, 1³/₁₆" (2cm) dome supertweeter
- Magnetically shielded

Center and Surround Speakers

- 3³/₁₆" (8cm) cone center speaker—magnetically shielded
- 3³/₁₆" (8cm) cone surround speaker x2

MX-J700

Compact Component System



Amplifier/General

- Power output: Subwoofer: 100 watts per channel; Main Speaker: 50 watts per channel
- Powered Rolling Panel
- Multi-amplifier system
- Independent subwoofer volume control (6-step)
- Extended Super Bass
- Electronic equalizations (3 presets plus 3 manual settings)
- AUX input
- Live Surround (Dance Club/Hall/Stadium)
- COMPU PLAY

Tuner

- 15 AM and 30 FM station memory
- Programmable timer (Daily, Record, Sleep)

3-CD Triple-Tray Changer

- Play & Exchange System
- Dual 1-bit D/A converters
- 32-track programming
- 16-track program chart

- 3-disc program/smart random/repeat play
- Auto edit functions
- Optical digital output

Cassette Deck

- Double auto-reverse transports
- Full-logic control
- CD synchro start recording
- Auto tape selector (Normal/CrO₂)
- Music Scan

Speaker System

- Twin Hyper Power-Drive 6⁵/₁₆" (16cm) subwoofers
- 4-way bass-reflex design: 6⁵/₁₆" (16cm) cone subwoofer, 6⁵/₁₆" (16cm) cone woofer, 2" (5cm) cone midrange, 1³/₁₆" (2cm) dome tweeter

**Active Bass
Extension**

POWERED ROLLING PANEL

MX-J500

*Compact Component
System*



Amplifier/General

- Power output: 120 watts per channel
- Powered Rolling Panel
- Electronic equalizations (3 presets plus 3 manual settings)
- AUX input
- Live Surround (Dance Club/Hall/Stadium)
- Active Bass Extension (4-step)
- COMPU PLAY

Tuner

- 15 AM and 30 FM station memory
- Programmable timer (Daily, Record, Sleep)

3-CD Triple-Tray Changer

- Play & Exchange System
- Dual 1-bit D/A converters
- 32-track programming
- 16-track program chart
- Auto edit functions

- 3-disc program/smart random/repeat play
- Optical digital output

Cassette Deck

- Double auto-reverse transports
- Full-logic control
- CD synchro start recording
- Auto tape selector (Normal/CrO₂)
- Music Scan

Speaker System

- 3-way bass-reflex design: 6⁵/₁₆" (16cm) cone woofer, 2" (5cm) cone midrange, 1³/₁₆" (2cm) dome tweeter
- Punched metal grilles

**Active Bass
Extension**

POWERED ROLLING PANEL

MX-J300

*Compact Component
System*



Amplifier/General

- Power output: 100 watts per channel
- Powered Rolling Panel
- Level meter
- Electronic equalizations (3 presets)
- AUX input
- Live Surround (Dance Club/Hall/Stadium)
- Active Bass Extension
- COMPU PLAY

Tuner

- 15 AM and 30 FM station memory
- Programmable timer (Daily, Record, Sleep)

3-CD Triple-Tray Changer

- Play & Exchange System
- Dual 1-bit D/A converters
- 32-track programming
- 3-disc program/smart random/repeat play

Cassette Deck

- Double transports: auto-reverse with one
- Full-logic control
- CD synchro start recording
- Auto tape selector (Normal/CrO₂)

Speaker System

- 2-way bass-reflex design: 6⁵/₁₆" (16cm) cone woofer, 1⁵/₈" (4cm) cone tweeter
- Dual Duct System
- Punched metal grilles

MX-J200

Compact Component System

Active Bass Extension



Amplifier/General

- Power output: 60 watts per channel
- Level meter
- Electronic equalizations (3 presets)
- AUX input
- Live Surround (Dance Club/Hall/Stadium)
- Active Bass Extension
- COMPU PLAY

Tuner

- 15 AM and 30 FM station memory
- Programmable timer (Daily, Record, Sleep)

3-CD Triple-Tray Changer

- Play & Exchange System
- Dual 1-bit D/A converters
- 32-track programming

- 3-disc program/smart random/repeat play

Cassette Deck

- Double transports: auto-reverse with one
- Full-logic control
- CD synchro start recording
- Auto tape selector (Normal/CrO₂)

Speaker System

- 2-way bass-reflex design: 6⁵/₁₆" (16cm) cone woofer, 1⁵/₈" (4cm) cone tweeter
- Dual Duct System
- Punched metal grilles

MX-J100

Compact Component System

Active Bass Extension



Amplifier/General

- Power output: 40 watts per channel
- Electronic equalizations (3 presets)
- AUX input
- Active Bass Extension
- COMPU PLAY

Tuner

- 15 AM and 30 FM station memory
- Programmable timer (Daily, Record, Sleep)

3-CD Changer

- Carousel-type changer, with Play & Exchange System

- 24-track programming
- 3-disc program/smart random/repeat play

Cassette Deck

- Double transports
- Full-logic control
- CD synchro start recording
- Dubbing

Speaker System

- 2-way bass-reflex design: 4³/₄" (12cm) cone woofer, 1³/₁₆" (2cm) cone tweeter
- Dual Duct System

FS series

These are the upgraded lifestyle CD systems from JVC for 2000. They combine futuristic, individualized styling, pure hi-fi sound and fingertip ease of use in handy dimensions.



FS-G6

FS Series Component System

Amplifier/General

- Power output: 25 watts per channel
- MOS FET amplifier
- Motor-driven sliding panel
- Multi Jog Control
- Active Bass Extension
- Subwoofer output
- Electronic bass/treble controls
- AUX input
- Velocity-sensitive rotary encoder volume control
- COMPU PLAY
- Clock/timer

Tuner

- 15 AM and 30 FM station memory
- Auto preset

CD Player

- 1-bit P.E.M. D.D. Converter
- Program (32 tracks)/random/repeat play
- Optical digital output

Cassette Deck

- Full-logic control
- Auto-reverse record/play
- Dolby B noise reduction
- CD synchro start recording
- Music Scan
- Auto tape selector (Normal/CrO₂)

Speaker System

- 2-way bass-reflex design:
- 4⁹/₁₆" (11.5cm) cone woofer,
- 1³/₁₆" (3cm) Balanced Dome Tweeter
- Linear phase speaker alignment

Attractive styling and fully separate chassis

Each component in the FS-G6 is self-contained and separate. This means (1) you can combine FS-G6 components as you like, (2) you can lay them out the way you like, and (3) you enjoy consistently high sound quality because of well-regulated power supplies.

MOS FET amplifier in discrete configuration

MOS FETs (Metal-Oxide Semiconductor Field Effect Transistors) provide higher linearity, better thermal stability and lower drive currents than common bipolar

transistors. Because the use of MOS FET allows the elimination of a drive stage and a much simpler circuit configuration, the compact MOS FET amp lets you enjoy clear, pure sound.

1-bit P.E.M. D.D. Converter

JVC's 1-bit P.E.M. D.D. Converter features accurate, high-precision D/A conversion. The VANS 4th-order noise shaper reduces quantization noise to a negligible level. A pair of P.E.M. DACs improve resolution by four times, ensuring the high signal-to-noise ratio, while a simple low-pass filter offers superior frequency and phase responses.

Balanced Dome Tweeter

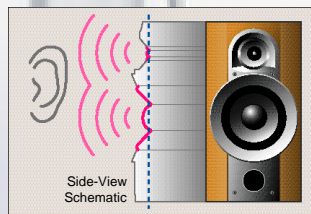
The Balanced Dome Tweeter provides crisp high frequency sound with better transient response than conventional tweeters.

Linear phase speaker alignment

The voice coil of the woofer is vertically aligned with that of the tweeter to ensure the sounds from both speakers reach the listener at the same instant. Sharp sound imaging results.



Motor-Driven Sliding Panel



Linear Phase Speaker Alignment



Motor-Driven CD Door with Vertical Loading

Active Hyper-Bass PRO (FS-V30/FS-V10)

The Active Hyper-Bass PRO Sound System features a Q (bandwidth) control circuit instead of a cut-off frequency circuit. Dynamically controlling the range of the boost frequencies through feedback according to output level, it's capable of dynamic bass response and clear vocals, with no drop in the midrange response.

COMPU PLAY

Just touch a single button to choose a source (CD, cassette or tuner), and the system will automatically turn on and initiate all steps to start the music.

FS-V30

FS Series Component System

AHB PRO

Amplifier/General

- Power output: 26 watts per channel
- Active Hyper-Bass PRO
- Electronic bass/treble controls
- AUX input/output
- COMPU PLAY
- Clock/timer (Daily, Record, Sleep)
- Display dimmer

Tuner

- 15 AM and 30 FM station memory
- Auto preset

CD Player

- Vertical loading system

- Motor-driven CD door with disc illumination
- 1-bit D/A converter
- Program (20 tracks)/random/repeat play
- 15-track program chart
- Optical digital output

Cassette Deck

- Full-logic control
- Auto-reverse record/play
- CD synchro/complete recording
- Multi-source one-touch recording
- Auto tape selector (Normal/CrO₂)

Speaker System

- Bass-reflex 2-way design:



3⁹/₁₆" (9cm) cone woofer and

1⁵/₈" (4cm) cone tweeter

- Detachable grilles



FS-V10

FS Series Component System

AHB PRO

Amplifier

- Power output: 26 watts per channel
- Active Hyper-Bass PRO
- Electronic bass/treble controls
- AUX input
- COMPU PLAY
- Clock/timer (Daily, Record, Sleep)

Tuner

- 15 AM and 30 FM station memory
- Auto preset

CD Player

- Vertical loading system

- Motor-driven CD door
- 1-bit D/A converter
- Program (20 tracks)/random/repeat play
- 15-track program chart

Cassette Deck

- Full-logic control
- Auto-reverse record/play
- CD synchro/complete recording
- Multi-source one-touch recording
- Auto tape selector (Normal/CrO₂)

Speaker System

- Bass-reflex design: 3³/₁₆" (8cm) full-range speaker



DVD digital theater system



The TH-A10 is a simple, stylish all-inclusive digital theater system complete with a DVD Video player and a Dolby Digital/DTS surround decoder. Having your dream home theater is now much simpler than you think.

Simple operation

The DVD Video player, Dolby Digital/DTS decoder, control functions and AM/FM tuner are all incorporated in a stylish, low-profile unit. Two remotes are included—an illuminated full-function multi-brand remote and a simple remote. GUI (Graphical User Interface) through OSD (On-Screen Display) allows step-by-step instructions on operation.

Easy connections

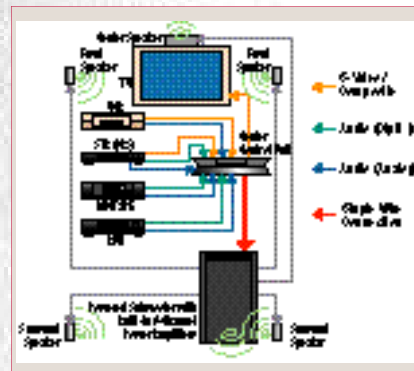
All six amplifiers for front, center, rear and subwoofer channels are housed in the subwoofer enclosure. It takes just a single cable to

connect the subwoofer to the center control unit. Speaker cables are supplied with mini plugs for one touch connection.

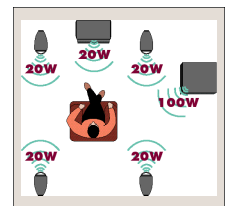
Satellite/subwoofer system—five satellites with a powered subwoofer

Front, center and rear speakers are bookend-sized so they may be easily set up wherever convenient. Just like pieces of art, these satellites are finished in aluminum housing to enhance beauty and also to deliver clear, uncolored sound. The powered subwoofer adds drama to what you see on the screen.

Connection Diagram



Total 200W Power Output



TH-A10

DVD Digital Theater System

- 10-bit/27MHz video D/A converter
- 24-bit/96kHz audio D/A converter
- Digital Acoustics Processor: 5 modes (Theater/Dance Club/Live Club/Hall/Pavilion)
- Fluorescent display
- Two remote control units: Full-function and simple
- DVD functions: Resume, Angle List, Digest, Strobe and Zoom
- "Theater Position" for picture adjustment
- AV COMPU LINK
- Terminals: 4 analog and 3 digital audio inputs, 2 analog and 1 digital audio outputs, 2 composite and 2 S-VHS video inputs, 2 composite and 2 S-VHS video outputs
- Enhanced COMPU LINK Control System
- Satellite Speaker
- All-in-one center unit combining a DVD Video/VCD/CD player and AM/FM tuner
- 5-satellite-speaker/powered subwoofer system
- Complete with Dolby Digital/DTS surround decoder
- Easy connection and installation
- Easy operation: auto power on and auto speaker setting
- GUI (Graphical User Interface) Center Unit

- Compact full-range bass-reflex speaker system
- Aluminum cabinet for quality sound reproduction and decor matching
- Wall-mounting bracket included
- Powered Subwoofer
- Built-in 6-channel amplifier

- Power output: Total 200W
- Extra-large 10-inch (25cm) cone unit for powerful bass



*Dolby, the double-D symbol and "Dolby Digital" are trademarks of Dolby Laboratories

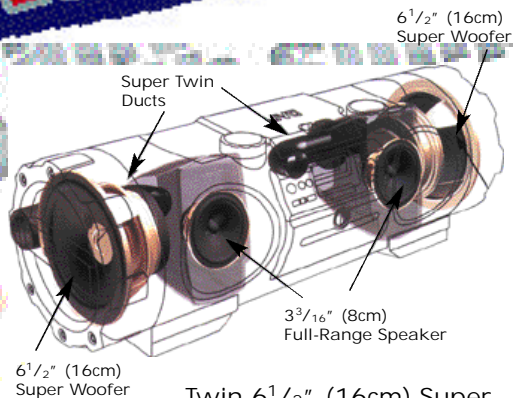
Screen picture is simulated.

kaboom box



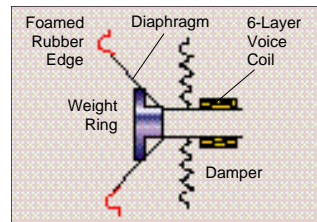
The KABOOM BOX from JVC! You know it as an unshakable tubular CD portable that shakes you with deep bass sound. But now it's also a suite of a musician's tools with guitar and amp, drum pad and rhythm machine.

kaboom!



Twin 6 1/2" (16cm) Super Woofers and Super Twin Ducts for rock-bottom bass (RV-DP100)

A pair of extra-large 6 1/2" (16cm) Super Woofers gives you powerful, deep bass sound in combination with a number of JVC technologies. Units are mounted back-to-back to cancel out vibrations, while the Super Twin Ducts deliver crisp,



extended bass sound. A weight ring coupled to the woofer helps extend response down to under 100Hz. A 6-layer voice coil shifts down the lowest resonance frequency and increases driving power. The woofer units also feature foamed rubber surround to achieve both high linearity and low distortion.

Total 52W output—dynamic high power (RV-DP100)

The KABOOM BOX comes with two Super Woofers and two 3 3/16" (8cm) full-range units—a total of four speakers. And there are two amps for the full-range units and another two exclusively for the dual woofers, delivering total power output of 52 watts. Using the Super Woofer volume control, you can adjust deep bass to your liking.

Play the guitarist—a built-in guitar amp with rhythm machine (RV-DP100)

Brush up your guitar-strumming skills or play duets with your favorite musician on CD or cassette. The RV-DP100 features a built-in guitar amp to let you rock with the greatest. Two standard input jacks accept the plugs of your guitar and your vocal mic, each with its own level control.

There's no rhythm you can't jam along with as you master your chords. The RV-DP100 comes with 36 rhythms you can choose from—ranging from classic 8 beat to funk and rap.



Be a DJ with four drum pads and scratch (RV-DP100)

Have a good time playing the DJ you've always wanted to be! The

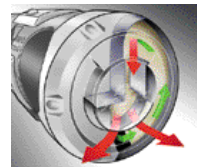


RV-DP100 features a 4-drum pad with five different combinations called standard, percussions, voice, etc.—20 sound samples in all. The scratch jog offers two types of effects simulating a stylus scratching the surface of an analog record.

Long labyrinth ducts (RV-B550)

The sound from the rear is routed through long, winding labyrinth ducts to extend the frequency response down to the lowest frequencies.

This is another JVC approach to delivering a big sound from a small package.



Super Exciter Bass Circuit (RV-DP100)

This is a compressor circuit that achieves deep, rich bass. It works by shifting inaudibly low frequencies into an audible, higher frequency range and adding them to the original sound, with the audible sounds boosted.

ACS (Active Clear Sound)

ACS actively controls high frequencies to prevent deterioration of the signal-to-noise ratio and improve clarity for better balance with deep lows. The circuit delivers balanced response over the entire audible range by activating only when a high-frequency signal occurs.

RV-DP100

Powered Woofer CD System

Shoulder Strap



- Guitar and mic inputs with level controls
- Built-in guitar amp
- 4-drum pad (20 patterns)
- Rhythm machine (36 sound samples)
- Ambient sound patterns (2 patterns)
- Scratch jog (2 patterns)
- Twin 6 1/2" (16cm) Super Woofers with volume control
- Super long twin ducts
- Rugged tubular construction
- Super Exciter Bass circuit
- High power: Total 52W
- 4-amp configuration
- Center-mount transformer
- Full-logic auto-reverse cassette
- AUX IN
- DC IN for car use*
- ACS (Active Clear Sound)



- 15 AM and 30 FM station memory
- 1-bit D/A converter
- Program (20 tracks)/repeat/random play

- CD synchro-start recording
- Clock/timer
- Shoulder strap with remote control case provided

* With optional car battery adapter (CA-R150)

RV-B550

CD Portable System

Shoulder Strap



AHB PRO

RV-B550RD

RV-B550BU



- Active Hyper-Bass PRO (2 Steps/Off)
- Long Labyrinth Duct
- High power: 12 watts per channel
- 4-layer voice coil
- Full-logic auto-reverse cassette
- AUX IN

- DC IN for car use*
- ACS (Active Clear Sound)
- Speaker illumination
- 3 preset equalization patterns (Beat/Pop/Clear)
- 15 AM and 30 FM station memory
- 1-bit D/A converter

- Program (20 tracks)/repeat/random play
- CD synchro-start recording
- Clock/timer
- Shoulder strap with remote control case provided

* With optional car battery adapter (CA-R150)



Speaker Illumination
The illuminated center cap blinks with the rhythm of the music.



Kaleido Clock Display with Lively Animation

Kaleido Clock Display with Multi Jog Control (RC-BZ6)

The Kaleido Clock Display brings lively animation to our CD Portable System. Normally it functions as an analog clock. When used with the Multi Jog Control it turns into an animated

indicator to help you set the built-in timer in familiar analog style.

Active Hyper-Bass Pro (RC-BZ6)

The Active Hyper-Bass PRO Sound System features a Q (bandwidth) control circuit instead of a cut-off frequency circuit. Dynamically

controlling the range of the boost frequencies through feedback according to output level, it's capable of dynamic bass response and clear vocals, with no drop in the midrange response.



RC-BZ5LB

AHB PRO



RC-BZ6



RC-BZ5RD

RC-BZ6

CD Portable System

- Remote control
- 3 preset equalization patterns (Beat/Pop/Clear)
- Kaleido-Clock LCD display with back light
- Multi-Jog Control (Clock/timer, Volume)
- Active Hyper-Bass PRO (on/off)
- 1-bit D/A converter
- CD synchro-start recording
- COMPU PLAY
- Digital tuner with auto preset
- 15 AM and 30 FM station memory
- Repeat play
- Clock/timer (with sleep and wake-up)
- Bass-reflex design speaker
- Power output: 5W x 2

RC-BZ5

CD Portable System

- Remote control
- 3 preset equalization patterns (Beat/Pop/Clear)
- COMPU PLAY
- 1-bit D/A converter
- CD synchro-start recording
- Digital tuner with auto preset
- 15 AM and 30 FM station memory
- Repeat play
- Clock/timer (with sleep)
- Bass-reflex design speaker
- Power output: 5W x 2



RC-BX30

CD Portable System

- CD remote control
- 1-bit D/A converter
- Bass boost
- Repeat play
- AM/FM tuner
- Tone control
- PHONES/AC inputs
- ALC (Automatic recording Level Control)
- Power output: 2W x 2

portable CD/MD

The magic of digital sound—anywhere, anytime.

A line of portable CD players for rock concerts on the run.

Portable CD Players

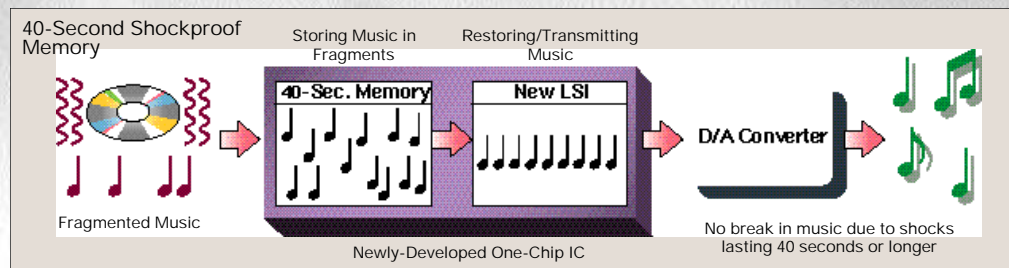
Anti-Shock Protection

● **40-Second Shockproof Memory:** The one-chip IC combines 40-second memory with the "defrag" LSI. When a jolt causes pickup mistracking, the memory stores the music in fragments. The LSI then "defrags" the music and sends it out in the correct order to the D/A converter—your music is proof against shocks.

● **High-Speed Pickup Servo:** When mistracking occurs, the High-Speed Servo moves the pickup quickly back to its original position.

● **Dynamic Suspension System:** Contoured butyl rubber dampers and springs protect the pickup from shocks and vibrations.

Remote Control for XL-PG51



Portable MD Recorder

Jog control editing

The XM-R70 lets you record live mic sound, an analog line source or a digital source. It's easy to edit recorded tracks thanks to the jog dial and oversized display. Just turn and click the dial to join, divide, shuffle, erase and name tracks.

DACB (Digital Active Clear Bass)

DACB gives you crisp lows and clear, wide-range response irrespective of volume levels. The boost circuit is controlled according to the detected output level, ensuring low distortion, even at high volume. Low frequencies, centered at about 70Hz, are boosted without degrading clarity in the mid and high ranges.

DACB's sound is especially rich and distortion is low because a DSP (Digital Signal Processor) is responsible for the signal control.

40-Second Anti-Shock Memory

During playback, forty seconds of music are constantly stored in memory. When a jolt affects playback, the stored music is recalled from the memory to

ensure interruption-free playback.

Long play time

The XM-R70 keeps the music coming nonstop. It plays for up to 38 hours* and records up to 18 hours* continuously.

* When running on the built-in rechargeable battery and an optional alkaline battery.

Portable CD Players

XL-PG51

Portable CD Player

- 40-second Anti-Shock Protection
- Remote control
- Hyper-Bass Sound (on/off)
- 11-hour playback*
- 1-bit D/A converter
- Program (20 tracks)/repeat/intro/shuffle (random) play

- Heat-resistant casing
- Auto power-off
- Hold switch
- PHONES/DC inputs
- AC adapter and headphones with remote control provided
- Rechargeable batteries (x 2) provided
- Car battery adapter (Optional)

* With alkaline batteries.



XL-PV310

Portable CD Player

- Cassette adapter and car battery adapter provided
- 40-second Anti-Shock Protection
- Hyper-Bass Sound (on/off)
- 11-hour playback*
- 1-bit D/A converter

- Program (20 tracks)/repeat/intro/shuffle (random) play
- Heat-resistant casing
- Auto power-off
- Hold switch
- PHONES/DC inputs
- AC adapter and headphones provided
- Rechargeable batteries (Optional)

* With alkaline batteries.

XL-PG31

Portable CD Player

- 40-second Anti-Shock Protection
- Hyper-Bass Sound (on/off)
- 11-hour playback*
- 1-bit D/A converter
- Program (20 tracks)/repeat/intro/shuffle (random) play

- Heat-resistant casing
- Auto power-off
- Hold switch
- PHONES/DC inputs
- AC adapter and headphones provided
- Rechargeable batteries (Optional)
- Car battery adapter (Optional)

* With alkaline batteries.



Portable MD Recorder



XM-R70

Portable MD Recorder



- Easy 5-mode editing with side jog (Join/Divide/Move/Erase/Title)
- Sampling rate converter (32kHz/44.1kHz/48kHz)
- Extra-long 38-hour playback and 18-hour recording*
- 40-second Anti-Shock Protection

- Remote control with backlit LCD
- Digital synchro recording
- Mic and line (analog/digital) inputs
- DACB (Digital Active Clear Bass)
- Random/repeat play
- Hold switch
- Optical digital cable/rechargeable lithium ion battery/headphones/carrying case provided
- Slim, compact and lightweight

* With rechargeable and alkaline batteries.

SPECIFICATIONS

FS Series				
		FS-G6	FS-V30	FS-V10
AMPLIFIER SECTION				
Output Power		25 watts per channel, min. RMS, at 6 ohms, at 1kHz, with no more than 10% total harmonic distortion	26 watts per channel, min. RMS, at 4 ohms, from 80Hz to 20kHz, with no more than 10% total harmonic distortion	26 watts per channel, min. RMS, at 4 ohms, from 80Hz to 20kHz, with no more than 10% total harmonic distortion
CD PLAYER SECTION				
Dynamic Range (1kHz)		95dB	85dB	85dB
S/N Ratio		100dB	90dB	90dB
CASSETTE DECK SECTION				
Frequency Response		30 - 16,000Hz (Chrome)	60 - 15,000Hz (Chrome)	60 - 15,000Hz (Chrome)
Signal-to-Noise Ratio		63dB (Dolby B NR, Chrome)	52dB* (Chrome)	52dB* (Chrome)
Wow and Flutter		0.1% (WRMS)	0.15% (WRMS)	0.15% (WRMS)
TUNER SECTION				
Bands		FM/AM	FM/AM	FM/AM
Dimensions (W X H X D):	Amplifier CD Player/Tuner Cassette Deck	7 ³ / ₁₆ X 3 ¹ / ₄ X 12 ³ / ₈ inches (182 X 81 X 313 mm) 7 ³ / ₁₆ X 3 ¹ / ₄ X 12 ³ / ₈ inches (181 X 81 X 313 mm) 7 ³ / ₁₆ X 3 ¹ / ₄ X 12 inches (181 X 81 X 304 mm)	6 ¹ / ₄ X 9 ³ / ₁₆ X 10 ⁷ / ₈ inches (158 X 233 X 275 mm)	6 ¹ / ₄ X 9 ³ / ₁₆ X 10 ⁷ / ₈ inches (158 X 233 X 275 mm)
Weight:	Amplifier CD Player/Tuner Cassette Deck	8.4 lbs (3.8kg) 4.2 lbs (1.9kg) 4.2 lbs (1.9kg)	7.3 lbs (3.3kg)	7.3 lbs (3.3kg)
SPEAKER SECTION				
Type		2-way, bass-reflex	2-way, bass-reflex	Bass-reflex
Speakers:	Woofer Tweeter	4 ⁹ / ₁₆ -inch (11.5cm), cone 1 ³ / ₁₆ -inch (3cm), dome	3 ⁹ / ₁₆ -inch (9cm), cone 1 ³ / ₈ -inch (4cm), cone	3 ⁷ / ₁₆ -inch (8cm), full-range, cone
Impedance		6 ohms	4 ohms	4 ohms
Dimensions (W X H X D)		6 ³ / ₁₆ X 11 ⁵ / ₈ X 9 ⁷ / ₁₆ inches 157 X 295 X 232 mm	5 ⁹ / ₁₆ X 9 ⁷ / ₁₆ X 8 ¹ / ₁₆ inches 140 X 230 X 226 mm	5 ⁷ / ₁₆ X 9 ⁷ / ₁₆ X 8 ⁵ / ₁₆ inches 140 X 230 X 211 mm
Weight		7.3 lbs (3.3kg)	4.2 lbs (1.9kg)	4.0 lbs (1.8kg)

KABOOM BOX CD Systems				
		RV-DP100	RV-B550	
Bands		FM/AM	FM/AM	
Power Source:	AC DC	120V, 60Hz D (13F) X 10 Car battery*	120V, 60Hz D (13F) X 8 Car battery*	
Speakers:	Full-Range Subwoofer	3 ³ / ₁₆ " (8cm) X 2 6 ¹ / ₂ " (16cm) X 2	4" (10cm) X 2	
Power Output: (with no more than 10% THD)	Full-Range Subwoofer	6 watts per channel, min. RMS, at 4 ohms from 150Hz to 15kHz 20 watts per channel, min. RMS, at 4 ohms at 60Hz	12 watts per channel, min. RMS, at 4 ohms from 150Hz to 15kHz	
Dimentions (W X H X D)		25 X 10 ⁷ / ₂ X 12 ⁷ / ₈ inches 634 X 256.5 X 311 mm	21 ³ / ₈ X 8 ⁹ / ₁₆ X 10 ⁷ / ₄ inches 542 X 216 X 260 mm	
Weight (without batteries)		22.5 lbs (10.2kg)	13.5 lbs (6.1kg)	

*CA-R150 car battery adapter is optionally available.

CD Portable Systems				
		RC-BZ6	RC-BZ5	RC-BX30
Bands		FM/AM	FM/AM	FM/AM
Power Source:	AC DC	120V, 60Hz D (13F) X 8 Car battery*	120V, 60Hz D (13F) X 8 Car battery*	120V, 60Hz D (13F) X 6
Speakers		4-inch (10cm) X 2	4-inch (10cm) X 2	3-inch (8.9cm) X 2
Power Output: (with no more than 10% THD)		5 watts per channel, min. RMS, at 4 ohms, from 150Hz to 15kHz	5 watts per channel, min. RMS, at 4 ohms, from 150Hz to 15kHz	2 watts per channel, min. RMS, at 4 ohms, from 150Hz to 10kHz
Dimensions (W X H X D)		17 ¹ / ₄ X 6 ¹ / ₂ X 10 ⁷ / ₁₆ inches 438 X 176 X 255 mm	17 ¹ / ₄ X 6 ¹ / ₂ X 10 ¹ / ₁₆ inches 438 X 176 X 255 mm	15 ¹ / ₁₆ X 6 ¹ / ₁₆ X 9 ³ / ₁₆ inches 401 X 169 X 232 mm
Weight (without batteries)		9.3 lbs (4.2kg)	8.9 lbs (4.0kg)	7.3 lbs (3.3kg)

*CA-R150 car battery adapter is optionally available.

Portable CD Players				
		XL-PG51	XL-PV310	XL-PG31
Power Source:	AC DC	120V, 60Hz (AC adapter) 15A X 2 Rechargeable battery (X 2) Car battery*	120V, 60Hz (AC adapter) 15A X 2 Rechargeable battery** (X 2) Car battery	120V, 60Hz (AC adapter) 15A X 2 Rechargeable battery** (X 2) Car battery*
Power Output:	Headphones	9mW X 2, at 10% THD, 16 ohms	9mW X 2, at 10% THD, 16 ohms	9mW X 2, at 10% THD, 16 ohms
Dimensions (W X H X D)		5 ⁹ / ₁₆ X 1 ³ / ₁₆ X 5 ¹ / ₁₆ inches 140 X 33 X 147.5 mm	5 ⁹ / ₁₆ X 1 ³ / ₁₆ X 5 ¹ / ₁₆ inches 140 X 33 X 147.5 mm	5 ⁷ / ₁₆ X 1 ³ / ₁₆ X 5 ¹ / ₁₆ inches 140 X 33 X 147.5 mm
Weight (without batteries)		8.8 oz (250g)	8.8 oz (250g)	8.8 oz (250g)

*Car battery adapter is optionally available. **Optional.

Portable MD Recorder		
XM-R70		
Power Source:	AC DC	120V, 60Hz (AC adapter) 15A X 3 Rechargeable battery (X 1)
Power Output:	Headphones	5mW X 2, at 10% THD, 16 ohms
Dimentions (W X H X D)		3 ³ / ₁₆ X 1 ³ / ₁₆ X 3 ³ / ₈ inches 83.2 X 19.5 X 91 mm
Weight (without batteries)		5.18 oz (147g)

MX Series								
		MX-J900	MX-J800	MX-J700	MX-J500	MX-J300	MX-J200	MX-J100
		3-CD Changer Double Cassette Receiver	3-CD Changer Double Cassette Receiver	3-CD Changer Double Cassette Receiver	3-CD Changer Double Cassette Receiver	3-CD Changer Double Cassette Receiver	3-CD Changer Double Cassette Receiver	3-CD Changer Double Cassette Receiver
AMPLIFIER SECTION								
Output Power:	Front	Subwoofer: 150 watts per channel, min. RMS, driven into 6 ohms, at 63Hz, with no more than 10% total harmonic distortion Main Speaker: 50 watts per channel, min. RMS, driven into 6 ohms, at 1kHz, with no more than 10% total harmonic distortion	120 watts per channel, min. RMS, driven into 6 ohms, at 1kHz, with no more than 10% total harmonic distortion	Subwoofer: 100 watts per channel, min. RMS, driven into 6 ohms, at 63Hz, with no more than 10% total harmonic distortion Main Speaker: 50 watts per channel, min. RMS, driven into 6 ohms, at 1kHz, with no more than 10% total harmonic distortion	120 watts per channel, min. RMS, driven into 6 ohms, at 1kHz, with no more than 10% total harmonic distortion	100 watts per channel, min. RMS, driven into 6 ohms, at 1kHz, with no more than 10% total harmonic distortion	60 watts per channel, min. RMS, driven into 6 ohms, at 1kHz, with no more than 10% total harmonic distortion	40 watts per channel, min. RMS, driven into 6 ohms, at 1kHz, with no more than 10% total harmonic distortion
	Center		30 watts, min RMS, driven into 8 ohms, at 1kHz, with no more than 0.9% total harmonic distortion					
	Rear		15 watts per channel, min. RMS, driven into 16 ohms, at 1kHz, with no more than 0.9% total harmonic distortion					
Total Harmonic Distortion at Half-Rated Power		0.07% (63Hz, at Subwoofer)	0.05% (1kHz)	0.07% (63Hz, at Subwoofer)	0.07% (1kHz)	0.05% (1kHz)	0.05% (1kHz)	0.05% (1kHz)
CASSETTE DECK SECTION								
Frequency Response		50 - 14,000Hz (Chrome) 50 - 14,000Hz (Normal)	50 - 14,000Hz (Chrome) 50 - 14,000Hz (Normal)	50 - 14,000Hz (Chrome) 50 - 14,000Hz (Normal)	50 - 14,000Hz (Chrome) 50 - 14,000Hz (Normal)	50 - 14,000Hz (Chrome) 50 - 14,000Hz (Normal)	50 - 14,000Hz (Chrome) 50 - 14,000Hz (Normal)	50 - 14,000Hz (Chrome) 50 - 14,000Hz (Normal)
Signal-to-Noise Ratio		57dB* (Chrome)	57dB* (Chrome)	57dB* (Chrome)	57dB* (Chrome)	57dB* (Chrome)	57dB* (Chrome)	57dB* (Chrome)
Wow and Flutter		0.15% (WRMS)	0.15% (WRMS)	0.15% (WRMS)	0.15% (WRMS)	0.15% (WRMS)	0.15% (WRMS)	0.15% (WRMS)
CD CHANGER SECTION								
Dynamic Range		85dB	85dB	85dB	85dB	85dB	85dB	85dB
Signal-to-Noise Ratio		90dB	90dB	90dB	90dB	90dB	90dB	90dB
Total Harmonic Distortion		0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
TUNER SECTION								
Bands		AM/FM	AM/FM	AM/FM	AM/FM	AM/FM	AM/FM	AM/FM
Dimensions (WX HX D)		10 ⁷ / ₁₆ X 13 ⁷ / ₁₆ X 14 ¹ / ₂ in. 265 X 335 X 368 mm	10 ⁷ / ₁₆ X 12 ⁷ / ₁₆ X 13 ⁷ / ₁₆ in. 265 X 315 X 341 mm	10 ⁷ / ₁₆ X 13 ⁷ / ₁₆ X 14 ¹ / ₂ in. 265 X 335 X 368 mm	10 ⁷ / ₁₆ X 13 ⁷ / ₁₆ X 14 ¹ / ₂ in. 265 X 335 X 368 mm	10 ⁷ / ₁₆ X 12 ⁷ / ₁₆ X 14 ¹ / ₂ in. 265 X 315 X 361 mm	10 ⁷ / ₁₆ X 12 ⁷ / ₁₆ X 14 ¹ / ₂ in. 265 X 315 X 361 mm	10 ¹ / ₁₆ X 12 ⁷ / ₁₆ X 15 ¹ / ₁₆ in. 270 X 317 X 392 mm
Weight		22.7 lbs (10.3kg)	20.9 lbs (9.5kg)	21.8 lbs (9.9kg)	21.6 lbs (9.8kg)	19.2 lbs (8.7kg)	15.9 lbs (7.2kg)	15.3 lbs (6.9kg)
		Speaker System	Speaker System	Speaker System	Speaker System	Speaker System	Speaker System	Speaker System
Type		4-way, 4-speaker, bass- reflex, Twin Hyper Power-Drive Subwoofer Speaker System	4-way, 4-speaker, bass- reflex, Labyrinth Aeroport Speaker System, magnetically shielded	4-way, 4-speaker, bass- reflex, Twin Hyper Power-Drive Subwoofer Speaker System	3-way, 3-speaker, bass-reflex	2-way, 2-speaker, bass-reflex, Dual Duct System	2-way, 2-speaker, bass-reflex, Dual Duct System	2-way, 2-speaker, bass-reflex, Dual Duct System
Speakers:	Woofer	7 ⁷ / ₈ " (20cm), cone	6 ⁵ / ₁₆ " (16cm), cone	6 ⁵ / ₁₆ " (16cm), cone	6 ⁵ / ₁₆ " (16cm), cone	6 ⁵ / ₁₆ " (16cm), cone	6 ⁵ / ₁₆ " (16cm), cone	4 ³ / ₄ " (12cm), cone
	Midrange	2" (5cm), cone	2" (5cm), cone	2" (5cm), cone	2" (5cm), cone			
		Tweeter	1 ⁵ / ₈ " (4cm), cone	1 ³ / ₁₆ " (2cm), dome	1 ³ / ₁₆ " (2cm), dome	1 ⁵ / ₈ " (4cm), cone	1 ⁵ / ₈ " (4cm), cone	1 ³ / ₁₆ " (2cm), cone
		Supertweeter						
		Subwoofer						
Power Handling Capacity		7 ⁷ / ₈ " (20cm), cone 150 watts (Subwoofer) 50 watts (Main Speaker)	120 watts	100 watts (Subwoofer) 50 watts (Main Speaker)	120 watts	100 watts	60 watts	40 watts
Impedance		6 ohms (Subwoofer) 6 ohms (Main Speaker)	6 ohms	6 ohms (Subwoofer) 6 ohms (Main Speaker)	6 ohms	6 ohms	6 ohms	6 ohms
Dimensions (WX HX D)		13 X 13 ¹ / ₄ X 16 ⁷ / ₁₆ in. 330 X 335 X 407 mm	8 ¹ / ₂ X 12 ⁷ / ₁₆ X 10 ³ / ₄ in. 215 X 315 X 273 mm	11 ³ / ₁₆ X 13 ⁷ / ₁₆ X 14 ³ / ₈ in. 286 X 335 X 365 mm	9 ⁹ / ₁₆ X 13 ⁷ / ₁₆ X 10 ¹ / ₁₆ in. 235 X 335 X 270 mm	8 ¹ / ₂ X 12 ⁷ / ₁₆ X 10 ³ / ₄ in. 215 X 315 X 273 mm	8 ¹ / ₂ X 12 ⁷ / ₁₆ X 10 ³ / ₄ in. 215 X 315 X 273 mm	8 ⁵ / ₈ X 12 ¹ / ₂ X 8 ⁵ / ₈ in. 219 X 317 X 219 mm
Weight		18.1 lbs (8.2kg)	8.6 lbs (3.9kg)	13.9 lbs (6.3kg)	8.2 lbs (3.7kg)	7.8 lbs (3.5kg)	7.8 lbs (3.5kg)	6.9 lbs (3.1kg)
			Center & Surround Speakers					
CENTER SPEAKER								
Type			Full-range, bass-reflex, magnetically shielded					
Speaker			3 ⁷ / ₁₆ " (8cm), cone					
Power Handling Capacity			30 watts					
Impedance			8 ohms					
Dimensions (WX HX D)			9 ¹ / ₁₆ X 4 ³ / ₈ X 5 ³ / ₄ in. 245 X 110 X 145 mm					
Weight			1.8 lbs (0.8kg)					
SURROUND SPEAKER								
Type			Full-range, bass-reflex					
Speaker			3 ⁷ / ₁₆ " (8cm), cone					
Power Handling Capacity			30 watts					
Impedance			16 ohms					
Dimensions (WX HX D)			6 ⁵ / ₁₆ X 4 ³ / ₈ X 5 ³ / ₈ in. 160 X 110 X 136 mm					
Weight			1.2 lbs (0.55kg)					

*Measured at peak level, weighted, without Dolby NR.

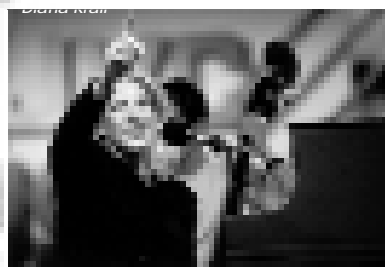
DVD Digital Theater System		
TH-A10		
Center Unit		
AUDIO SECTION		
Dynamic Range		97dB
Total Harmonic Distortion		0.007%
Output Level		2.0V RMS
VIDEO SECTION		
Horizontal Resolution		500 Lines
Signal-to-Noise Ratio		60dB
Output Level:		S-Video-Y 1.0Vp-p/75 ohms S-Video-C 0.286Vp-p/ 75 ohms Composite 1.0Vp-p/75 ohms
Dimensions (WX HX D)		15 ¹ / ₁₆ X 3 ³ / ₈ X 10 ¹ / ₁₆ inches (403 X 85 X 273.5 mm)
Weight		11.0 lbs (5.0kg)
Powered Subwoofer		
AMPLIFIER SECTION		
Output Power:		Front/Surround/Center Woofer 20W X 5, 4 ohms, 1kHz, 0.7% total harmonic distortion 100W, 4 ohms, 100Hz, 0.7% total harmonic distortion
SPEAKER SECTION		
Type		Bass-reflex
Speaker		10 inches (25cm)
Frequency Range		25Hz - 200Hz
Dimensions (WX HX D)		11 ⁷ / ₁₆ X 18 ¹ / ₁₆ X 19 ¹ / ₁₆ inches (280 X 480 X 506 mm)
Weight		41.4 lbs (18.8kg)
Satellite/Center Speakers		
Type		Bass-reflex, magnetically shielded
Speaker		2 ¹ / ₁₆ X 1 ⁵ / ₈ inches (7cm X 4cm)
Power Handling Capacity		20 watts
Frequency Range:		Satellite/Center 110Hz - 20kHz/100Hz - 20kHz
Dimensions (WX HX D)		2 ¹ / ₂ X 4 ¹ / ₁₆ X 4 ³ / ₁₆ inches/6 X 2 ¹ / ₂ X 4 ³ / ₁₆ inches 62 X 102 X 109 mm/152 X 62 X 109 mm
Weight		Satellite/Center 0.98 lbs/1.1 lbs (440g/475g)



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Wallace Roney

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