

YAMAHA

AUDIO

CD Players, MD Recorder
&

Cassette Decks



 YAMAHA

Making the most of the CD format.

Yamaha is committed to the CD format: committed to making it sound better and be more convenient to use. So we've improved our digital technology and introduced great features like PlayXchange. Plus, a 111-disc Mega Changer. Discover Yamaha's digital delights.

DIGITAL DELIGHTS

Choose from among these components and enjoy pure sound, plus the benefits of dubbing CDs onto convenient MDs or tapes.

Pick a pair for greater enjoyment.

Yamaha recommends that you choose a CD player or changer, then pick one or two components from this page to multiply your entertainment possibilities. Our MD recorder and cassette decks offer superb quality and convenience. Match the MD recorder with a CD changer that's got Optical Digital Out and you can record the pure digital signal onto MiniDiscs.



CDM-900 Compact Disc Mega Changer

- Convenient Operation**
- 110 + 1-Disc Loading Capability
 - Yamaha Patented PlayXchange
 - Relay Play (linking 2 units)
 - User Preset Disc Filing
 - CD Naming: Title and Artist, 12 Letter/Numbers (192 characters)
 - Disc Program File: Title, Artist and

- TOC (Table of Contents) File
- Disc Grouping (up to 5 Groups) and Group Naming
- Versatile Search Functions: Disc Intro Scan, Disc Title Scan and Index Search
- Random, Repeat and Program Play
- 45-Key Remote Control Unit



MDX-793 MiniDisc Recorder



- Superior Digital Technologies**
- 20-Bit A/D Conversion and D/A Conversion System
 - 24-Bit Quantization System
 - Super Bit Allocation System
 - Automatic Synchro Sampling

- Rate Conversion
- Current Buffer Circuitry
- Low-Impedance Power Supply
- 3 Digital Inputs/Optical Digital Out
- **Convenient Operation**
- Time Rescue Rec

- Synchro Rec
- 30-Track Program Playback
- Convenient Titling
- Versatile Editing: Move, Erase, Divide, Combine and Undo
- Digital Encoder Jog Dial



CDC-775 Compact Disc Changer

- Convenient Operation**
- 5-Disc PlayXchange
 - Fully Opening Tray with Access to All 5 Discs
 - 3-Mode CD Text Display: Title, Artist and Track
 - Text/Best Filing and Text Search

- Sound Quality Technology**
- TOC (Table of Contents) Memory
 - Program File
 - I/O Port
 - Yamaha PRO-Bit
 - New Silent CD Changer Mechanism with Disc Stabilizer
 - Optical Digital Out and Variable Analog Out



CDC-675 Compact Disc Changer

- Convenient Operation**
- 5-Disc PlayXchange
 - Fully Opening Tray with Access to All 5 Discs
 - 3-Mode CD Text Display: Title, Artist and Track
 - Disc (Intro) Scan

- Sound Quality Technology**
- Peak Search
 - 3-Mode Tape Edit
 - I/O Port
 - New Silent CD Changer Mechanism with Disc Stabilizer
 - Laser Pickup Floating Mechanism
 - Optical Digital Output and Variable Analog Output



CDC-575 Compact Disc Changer

- Convenient Operation**
- 5-Disc PlayXchange
 - Fully Opening Tray with Access to All 5 Discs
 - 3-Mode CD Text Display: Title, Artist and Track
 - CD-Tape Synchro Rec Start

- Sound Quality Technology**
- Disc (Intro) Scan
 - 40-Track Random Access Programmable Play and Clear
 - 10-Key Direct Track
 - New Silent CD Changer Mechanism with Disc Stabilizer
 - Laser Pickup Floating Mechanism
 - Optical Digital Out



CDX-393 Compact Disc Player

- Convenient Operation**
- CD-Tape Synchro Rec Start
 - 3-Mode Tape Edit
 - Space Insert
 - 25-Track Random Access Programmable Play
 - Random and Repeat Play

- Sound Quality Technology**
- 10-Key Direct Track Access
 - 3-Way Music Search
 - 4-Mode Time Display
 - Intelligent Digital Servo
 - 3 Illumination Levels: Full, Half Dim and Dim



KX-W421 Double Auto Reverse Cassette Deck

- High Sound Quality Design**
- Play Trim Control for Both Decks
 - High Speed Play Trim
 - Dolby HX Pro Dynamic Bias Servo for Both Decks
 - Dolby B/C NR

- Convenient Operation**
- CD-Tape Synchro Rec Start
 - Two (Normal/High) Speed Dubbing
 - Relay Play
 - Music Search, Rec Return and Auto Rec Mute
 - Auto Tape Type Selection
 - 4-Digit Tape Counters for Both Decks



KX-W321 Double Auto Reverse Cassette Deck

- High Sound Quality Design**
- Yamaha GF Heads
 - Dolby B/C NR
 - CD-Tape Synchro Rec Start for Perfect Recording Start
 - Two (Normal/High) Speed

- Convenient Operation**
- Dubbing
 - Relay Play
 - Music Search, Rec Return and Auto Rec Mute
 - Auto Tape Type Selection
 - 2-Color 12-Segment Wide Range (-30 dB to +6 dB) Peak Level Meters with Peak Hold
 - 4-Digit Tape Counters for Both Decks

Enjoy Uninterrupted Music
Yamaha CD changers are 5-disc carousel types, giving you the benefits of extended playing time and direct selection from any of five discs. And with PlayXchange, you can change up to four discs while the fifth continues to play. You don't have to interrupt the music to change a disc and you're not limited to changing only one disc at a time. What's more, when you press stop, the tray opens all the way, allowing you to change all five discs at once.



KX-393 Stereo Cassette Deck

- High Sound Quality Design**
- Auto Tape Tuning
 - Play Trim Control
 - Dolby HX Pro
 - MPX Filter Switch
 - Manual Bias Control
 - Cassette Stabilizer

- Convenient Operation**
- Bi-Directional Intro Scan
 - CD-Tape Synchro Rec Start
 - Music Search, Rec Return and Auto Rec Mute
 - Auto Tape Type Selection
 - Timer Rec/Play Capability
 - 2-Color 15-Segment Wide Range (-30 dB to +8 dB) Peak Level Meters with Peak Hold

CD Player Features and Specifications	CDC-775	CDC-675	CDC-575	CDX-393	CDM-900
Yamaha PRO-Bit Technology	■				110 + 1 disc loading capability
Intelligent Digital Servo	■	■	■	■	Relay play
Digital Output Terminal	■ Optical	■ Optical	■ Optical		■ Optical
Peak Search	■	■			User preset disc filing
Tape Edit Capability	■ 3-mode	■ 3-mode	■ 3-mode	■ 3-mode	CD naming
Programmable Play and Clear	■ 40-track	■ 40-track	■ 40-track	■ 25-track	Disc program file
Remote Controllable Volume Control	■ Digital	■ Digital	■ Digital		Disc grouping
CD-Tape Synchro Rec Start	■	■	■	■	Versatile search functions
Space Insert				■	Random play
PlayXchange Function	■ 5-disc	■ 5-disc	■ 5-disc		■
Disc (Intro) Scan	■	■			Repeat play
10-Key Direct Track Access	■	■	■	■	Program play
Music Calendar Display	■	■	■	■	Skip play
4-Mode Time Display	■	■	■	■	Digital encoder jog dial
3 Illumination Levels	■ Full/half dim/dim	■ Full/half dim/dim	■ Full/half dim/dim	■ Full/half dim/dim	Time mode
Harmonic Distortion + Noise (1 kHz)	0.0025%	0.003%	0.004%	0.003%	0.0035%
Frequency Response (2-20,000 Hz)	±0.5 dB	±0.5 dB	±0.5 dB	±0.5 dB	±0.5 dB
Signal-to Noise Ratio	115 dB	106 dB	102 dB	105 dB	104 dB
Dynamic Range	100 dB	96 dB	95 dB	96 dB	96 dB
Dimensions (W x H x D)	435 x 116 x 404 mm 17-1/8" x 4-9/16" x 15-7/8"	435 x 116 x 404 mm 17-1/8" x 4-9/16" x 15-7/8"	435 x 116 x 404 mm 17-1/8" x 4-9/16" x 15-7/8"	435 x 96 x 273 mm 17-1/8" x 3-3/4" x 10-3/4"	435 x 176 x 386 mm 17-1/8" x 6-15/16" x 15-3/16"
Weight	5.8 kg 12 lbs. 13 oz.	5.8 kg 12 lbs. 13 oz.	5.8 kg 12 lbs. 13 oz.	3.5 kg 7 lbs. 11 oz.	6.0 kg 13 lbs. 4 oz.

PLAYXCHANGE is a registered trademark in the U.S. Yamaha has received a trademark and patent for PlayXchange technology in the U.S. (Patent Number: 5115419).

Cassette Deck/MD Recorder Features and Specifications	KX-W421	KX-W321	KX-393	MDX-793
Play Trim Control	■ Both decks		■	20-bit A/D and D/A conversion
High Speed Play Trim	■ Both decks	■ Both decks		24-bit quantization
Dolby HX Pro Dynamic Bias Servo	■ Both decks		■	Super bit allocation
Cassette Stabilizer			■	Current buffer circuitry
CD-Tape Synchro Rec Start	■	■	■	■
Dolby Noise Reduction	B/C NR	B/C NR	B/C NR	Low impedance power supply
Microcomputer Control Full Logic Operation	■	■	■	3 digital inputs/optical digital out
Wide Range Peak Level Meters	2-color, 12-segment with peak hold	2-color, 12-segment with peak hold	2-color, 15-segment with peak hold	Multi-information display
4-Digit Tape Counter	■ Both decks	■ Both decks	■	Multi-information display
Recording Level & Balance Controls	■	Recording balance	■	Digital encoder jog dial
Auto Tape Type Selection	■	■	■	Convenient titling
Wow & Flutter	W RMS/W Peak 0.08%/±0.15%	0.08%/±0.15%	0.07%/±0.12%	Unmeasurable
Frequency Response				5-20,000 Hz, ±0.5 dB
Metal	20-20,000 Hz, ±3 dB	20-19,000 Hz, ±3 dB	20-19,000 Hz, ±3 dB	
High Position	20-18,000 Hz, ±3 dB	20-17,000 Hz, ±3 dB	20-17,000 Hz, ±3 dB	
Normal	20-17,000 Hz, ±3 dB	20-16,000 Hz, ±3 dB	20-16,000 Hz, ±3 dB	
Signal-to-Noise Ratio	Dolby B/C NR 66 dB/74 dB	66 dB/74 dB	66 dB/74 dB	98 dB
Dimensions (W x H x D)	435 x 146 x 279 mm 17-1/8" x 5-3/4" x 11"	435 x 146 x 279 mm 17-1/8" x 5-3/4" x 11"	435 x 126 x 283 mm 17-1/8" x 5" x 11-1/8"	435 x 108 x 400 mm 17-1/8" x 4-1/4" x 15-3/4"
Weight	5.0 kg 11 lbs.	5.0 kg 11 lbs.	4.4 kg 9 lbs. 11 oz.	5.5 kg 12 lbs. 2 oz.

Product designs and specifications are subject to change without notice.

For details please contact:

RKX1 Remote Control Unit (Optional)

The RKX1 is optionally available for use with all cassette decks in this catalog. It commands all major functions for control-at-a-distance convenience. (Button functions vary with the deck.)



YAMAHA

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