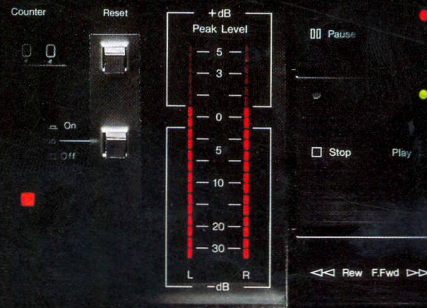
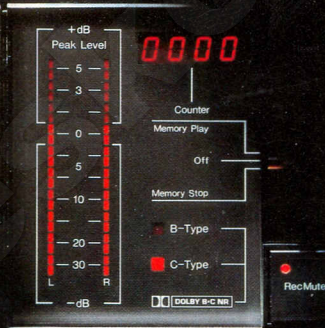


Nakamichi New Product Lineup

Nakamichi ZX-9 Discrete

0000

Super-Tuned Edition
Silent Mechanism/Direct Drive/Double Capacitor/Microprocessor Control



ZX-9

Combining the most extensive manual calibration capability available with the latest Nakamichi cassette reproduction technology, the ZX-9 offers everything the advanced cassette recordist needs — in terms of both control and reproduction quality.

The Nakamichi ZX-7 Discrete Head Cassette Deck has gained wide acceptance among serious cassette enthusiasts for its superb reproduction quality and extensive manual calibration capabilities. Now the ZX-9, a "super-tuned" edition of the ZX-7, offers the same calibration versatility with the extra precision of a direct-drive transport featuring Nakamichi's original Super Linear Torque DD Motor — essentially the same motor design that made our revolutionary TX-1000 Computing Turntable possible. Enhanced signal transmission accuracy has also been achieved through improvements in the deck's electronics. The ZX-9 offers extra-refined performance for the truly demanding cassette recordist.

ZX-9 Discrete Head Cassette Deck



Like the ZX-7, the ZX-9 permits precise manual calibration of record head azimuth, record/playback level and bias via easy-access, front-panel controls and a comprehensive visual calibration monitoring system. Once calibration has been completed, you simply press a RESET button; the tape is automatically rewind and stops when counter "0000" is reached. This makes it possible to achieve absolutely the best possible reproduction performance with all different types of tape — and even the same type of tape from different production batches. In the ZX-9, the Asymmetrical Diffused-Resonance Dual Capstan Transport is powered by Nakamichi's new Super Linear Torque Direct Drive Motor — a design that achieves extreme rotation precision without a trace of cogging for the utmost in reproduction purity. And direct coupling of the playback head to the playback amplifier as well as incorporation of top-quality capacitors in all other stages ensures outstanding fidelity to the original music signal — maintaining the exceptionally high reproduction quality that begins with the ZX-9 direct-drive transport. Even the rear-panel pin jacks have been gold-plated to ensure an uncompromisingly pure signal path that cannot become obstructed by corrosion or contact resistance. Add to all this Nakamichi's proven Discrete 3-Head system and

the impressive noise reduction capabilities of a Dolby C Type NR system — built-in — and you have almost unbelievable fidelity to the original music source. Further, the transport is microcomputer controlled for superior operability, stability, and auto-function convenience. There's auto-playback, for example: playback is automatically initiated as soon as tape counter "0000" is reached in either fast forward or rewind. Then there's easy-cueing: during fast forward or rewind you can slow the tape down to 1/3 or 1/6 its normal fast wind speed and monitor the recorded material. This function also permits reversing tape direction while cueing. Punch-in recording is another feature: it lets you instantaneously initiate record while the tape is running in the play mode — to add narration between selections, for example. Other functions include an automated master fader for record level fade in/out control, a 4-digit LED tape counter and a -40 dB to +10 dB LED peak level meter that provides precise visual feedback when calibrating record/playback level and bias as well as letting you see even brief musical transients for easier, more accurate record level setting. With the latest Nakamichi technology and precise manual calibration, this deck is capable of outperforming virtually any other.

BX-2/BX-1

Pure Nakamichi cassette reproduction performance and reliability with no frills.

The new BX-1 and BX-2 2-Head Cassette Decks do not rely on compromises to make them the most economical decks Nakamichi has ever introduced. Instead they offer full-performance basics. They provide only the essentials of cassette reproduction — but essentials designed and engineered to stringent Nakamichi cassette reproduction standards. No luxury features, no automated functions; just pure Nakamichi sound and precision. The BX-1 and BX-2 make the Nakamichi experience more available than ever before.

BX-2 Black 2 Head Cassette Deck

Outstanding, affordable Nakamichi cassette reproduction superiority with the exceptional noise reduction capability of built-in Dolby C NR.



The BX-2 offers simplified features, functions and operation while providing basic reproduction performance that can only be described as "Nakamichi." A new microcomputer controlled mechanism offers sure, stable operation with all the benefits of the prior Nakamichi Silent Mechanism: smooth, gentle tape handling, no high solenoid drive current, no heat generation and silent operation precision. A new record/playback head has been specifically designed for this deck with emphasis on achieving optimum performance of both the record and playback functions without compromising the performance of either. And special attention was paid to providing the highest quality in the record/playback amplifiers. In particular, the playback equalizer features a unique loss-compensation system that ensures perfect EQ characteristics, and Nakamichi's Double-NF circuit achieves exceptionally low distortion in the low-frequency range. The BX-2 also features Dolby B and C noise reduction, permitting optimum reproduction of Dolby B encoded tapes as well as offering the unmatched reproduction clarity achievable with the new Dolby C system. For convenience, the BX-2 also offers Memory Play and Rec Mute Functions.

BX-1 Black 2 Head Cassette Deck

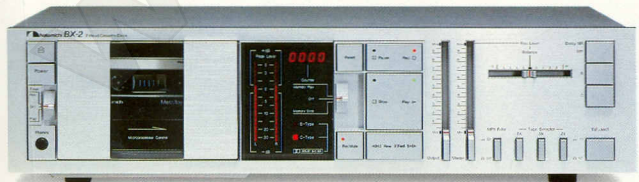
Basically the same superb performance as the BX-2 with Dolby B NR.



With the exception of Dolby C noise reduction, an output level control, Memory Play and Rec Mute functions, and a mechanical tape counter in place of the BX-2's sleek LED counter, the BX-1 offers basically the same incomparable Nakamichi cassette reproduction quality as the BX-2. Operation of the microcomputer controlled transport mechanism is remarkably smooth and precise. And since there are no solenoids to generate vibration, back EMF (Electromotive Force) causing large current spikes, or heat that could interfere with transport operation, consistent top-performance reproduction is maintained at all times. The same computer-designed record/playback head used in the BX-2 is employed in the BX-1. The sophisticated design of this combined head achieves record and playback performance that actually rivals that of the superb Nakamichi Discrete 3-Head system. Naturally, the same critical attention to signal transmission accuracy in the deck's electronics applies to the BX-1 as to the BX-2. You won't get an array of convenience features with the BX-1, but you will get pure cassette reproduction that all the convenience features in the world cannot provide.

BX-2 Silver 2 Head Cassette Deck

Stunning BX-2 performance and simplicity with a striking silver exterior for sound systems and decor that require a "lighter" look.



BX-1 Silver 2 Head Cassette Deck

If the design of your sound system and decor features lighter tones, the BX-1 is available with the sophisticated look of silver.



Specifications/Features

ZX-9/BX-2/BX-1 Specifications

	ZX-9	BX-2	BX-1
Frequency Response	20Hz ~ 21kHz \pm 3dB (ZX Tape)	20Hz ~ 20kHz	20Hz ~ 20kHz
Wow and Flutter (WTD RMS)	Less Than 0.022%	Less Than 0.06%	Less Than 0.06%
Signal-to-Noise Ratio (IHF A-WTD, ZX Tape)	Dolby C NR on More Than 72dB	More Than 68dB	More Than 62dB
	Dolby B NR on More Than 66dB	More Than 62dB	More Than 62dB
Distortion (400Hz, 0dB, ZX Tape)	Less Than 0.8%	Less Than 1.0%	Less Than 1.0%
Dimensions (W×H×D)mm	450×135×300	430×110×250	430×110×250
Weight (Approx.)	9.5kg	5.5kg	5.5kg

ZX-9 Features

- New Super Linear Torque Direct-Drive Transport Motor
- Azimuth-Alignment Control With LED Phase-Detecting Indicator
- Individual Bias And Record-Level Calibration Controls For Each Channel And Tape Type
- Auto Rewind After Calibration Via Calibration-Reset Button
- Separate ZX/SX/EX Tape And 70 μ s/120 μ s Equalization Switches
- Discrete 3-Head Technology With 20 ~ 21,000Hz \pm 3dB Response
- Dual-Gap Ferrite/Sendust Erase Head For Low-Noise Erasure Of Metal Tape
- Laminated Crystalloy Record And Playback Heads For Low Distortion
- Double Dolby-B And Dolby-C Noise Reduction With Defeatable MPX Filter And Full Off-Tape Monitoring
- Individual Left And Right Input Level Controls
- Automated Fade-Up/Fade-Down With Choice Of Fade Rate
- Recording Amplifiers Featuring Double-NF Circuitry
- Record Head Direct-Coupled To Record Amplifier
- Playback Head Direct-Coupled To DC Playback Amplifier
- Asymmetrical, Dual Capstan, Diffused Resonance Transport With Motor-Driven Cam, Dual Slot Guides, And Tape-Pad Lifter
- 4-Bit N-MOS Microprocessor Control With 2-Speed Cueing, Cue "Rocking," Automatic Playback, Punch-In Recording, Rec Mute, High-Speed Shutoff, And Slack-Tape Takeup
- 50dB Peak-Responding Electronic LED Metering
- Output Level Control
- High-Output Headphone Jack Plus DC Power For BlackBox Series
- 4-Digit LED Electronic Counter (-999 to 9999) With Tape-Start Memory
- Unattended Operation In Record Or Playback Via Accessory Timer
- Total Remote Control Via RM-200 Option

BX-2/BX-1 Features

- 4-Bit N-MOS Microprocessor-Controlled Transport Mechanism
- RP-2D Laminated Sendust Core Record/Playback Head
- Dual-Gap Ferrite Erase Head
- High Quality Record/Playback Amplifiers With Double-NF Circuitry
- Dolby-B Noise Reduction
- 3-Position Tape Selector (ZX, SX, EX Tapes)
- 2-Position Equalization Selector (120 μ s Or 70 μ s)
- Master Rec Level Control Regulates Recording Level For Both Channels
- Rec Level Balance Control
- LED Peak Level Meters (-30dB To +5dB)
- Memory Stop After Fast Wind To "0000" (BX-1: Rewind To "000") Tape Counter Position
- Unattended Operation In Record Or Playback Via Accessory Timer
- One-Touch Record Standby Mode Initiation

BX-2 Only

- Dolby-C Noise Reduction With Defeatable MPX Filter
- 4-Digit LED Electronic Counter (-999 To 9999) With Memory Playback Function
- Rec Mute
- Output Volume Control

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