

AKAI

Hi-Fi & Video.

Stereo Cassette Decks

GX-A5X/A5

HX-A101M/A101

HX-A3X/A3

GX-R99/R88

HX-A301W

GX-R66/R55

HX-A201

HX-R44



Akai—Creative At Heart.

Full Fidelity Performance for



Now dbx and Dolby B & C for 3-Way Noise Reduction

GX-A5X

The GX-A5X is a unique cassette deck, sure to complement any high-quality audio component system. Not only is the GX-A5X equipped with Dolby B and C noise reduction systems, but dbx is also standard, providing an exceptional feature combination for 3-way noise reduction. The dbx system not only eliminates annoying tape hiss, but it also provides incredible dynamic range. For music listeners in search of a stylish, functionally designed deck, complete with features standard on the finest of digital-era components, the GX-A5X is the best choice.

dbx

The Widest Possible Dynamic Range with Total Noise Reduction

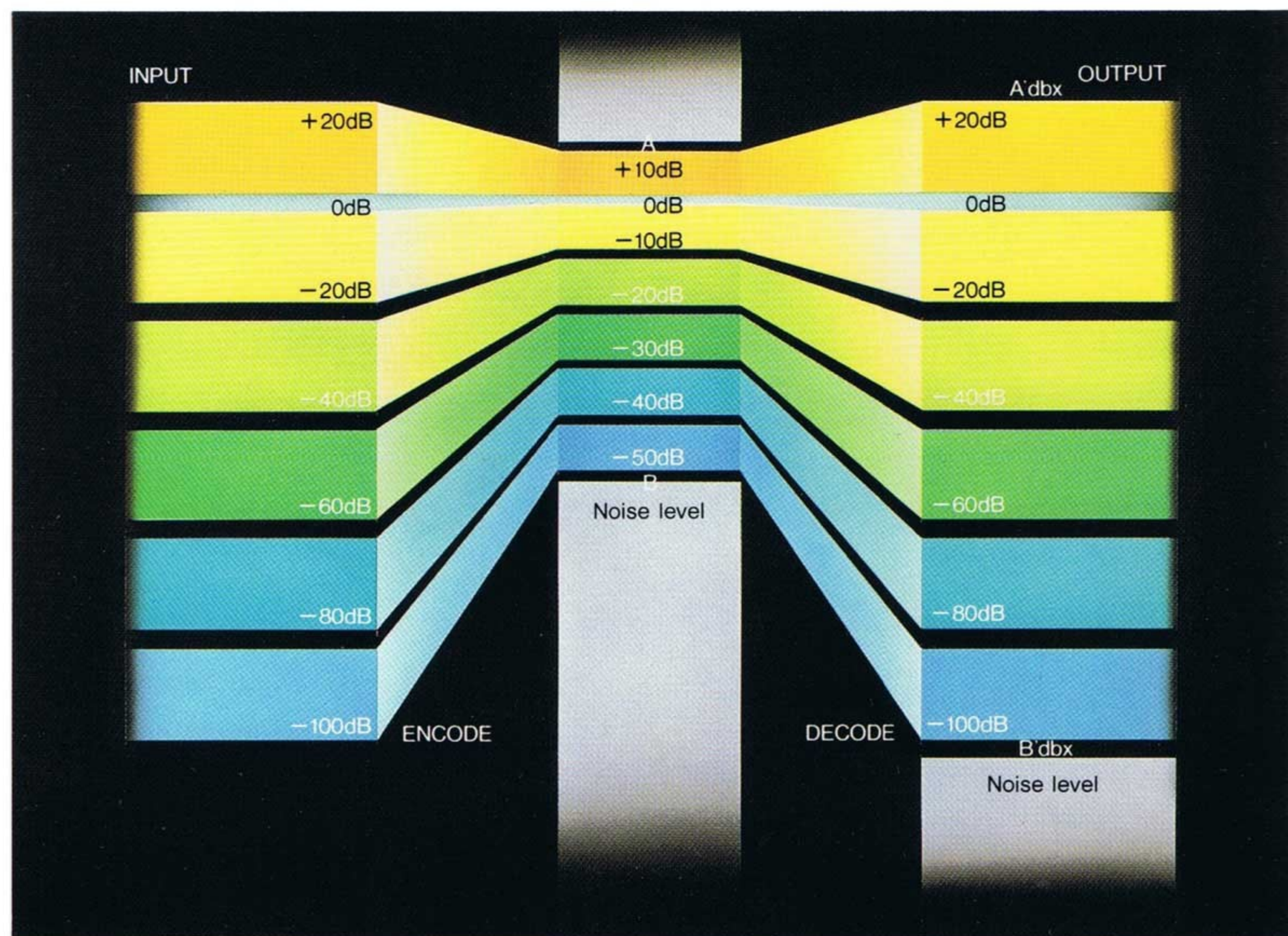
The dbx noise reduction system standard in the GX-A5X is one feature that places this component well above other comparably-priced decks. Not only does dbx reduce irritating tape hiss to practically inaudible levels, it also raises dynamic headroom, allowing you to record tapes without

overloading them, eliminating one source of distortion. And, it ensures compatibility with digital audio sources with its tremendous 115dB of dynamic range. You get superb dubbing capability, even from Component Discs.

Twin Field Super GX Head



The Twin Field Super GX Head operates differently in recording and playback modes to ensure optimum performance throughout the record/playback cycle. This unique



A Full Line of Decks, Each w



Available in black or silver

dbx

dbx Plus Dolby B/C NR Equals Pure High-Fidelity Sound

HX-A3X

The HX Series Stereo Cassette Decks deliver the highest possible level of performance alongside a wide variety of professional-quality features. Full microcomputer control provides greater ease of operation for all functions. Like the top-of-the-line GX-A5X, the HX-A3X boasts standard 3-way noise reduction through the dbx and Dolby B/C systems for distortion-free performance.

Feather-Touch Controls

Electronic feather touch controls make deck operations simple, fast, and error-free, while at the same time eliminating the need to first use the STOP function. Smoothly operating slide-type recording level controls assure optimum recording level adjustments to give your tapes a sound that is truly professional.

Centralized FL Display

The FL display, located at the deck's center, indicates all operation information in brilliant blue symbols. The FL peak level meter displays in 2 colors, red and blue, as does the digital tape counter.

More Akai Extras

- HD Head for high grade tapes, including metal
- Auto tape selection
- Convenient Timer Start Switch
- Remote Control jack for RC-32/RC-92

Pure Performance with Remarkable Sound Reproduction

Available in black or silver



HX-A3

The HX-A3 provides all of the superb features of the HX-A3X, with the exception of dbx.

the Era of Digital Sound



Available in black or silver

Akai feature provides the dual gap performance of 3-head units in a simpler design, assuring extended frequency response with wider dynamic range. In addition, this head is shielded by an exclusive glass tape contact surface of exceptional hardness for greater wear resistance, while its smooth finish eliminates dust pick-up.

Feather-Touch Microcomputer Controls

All-electronic feather touch controls, conveniently laid out on the GX-A5X's front panel, place sure and easy mode-changing at your fingertips. Sleek, slide-type recording level controls enable easy level adjustment—smoothly and quietly.

Centralized FL Display

Akai's centralized FL display clearly shows all deck function information in one deck-center location. Noise reduc-

tion modes (Dolby B, C, and dbx), recording levels, tape counter, repeat and memory, are all brilliantly displayed for at-a-glance confirmation.

Selected Repeat with Memory

Once you've placed your favorite selection in the GX-A5X's memory, you never have to search for it again. This convenient electronic function cues a selection at the simple touch of a button.

Auto Tape Selection

Akai's handy auto tape selector automatically determines the type of tape loaded, and makes the selection for you. No need to remember the proper setting.

More Akai Extras

- MPX Filter Switch
- Timer Start Switch
- Remote Control jack for RC-32/RC-92

The Next Best Deck to Perfection

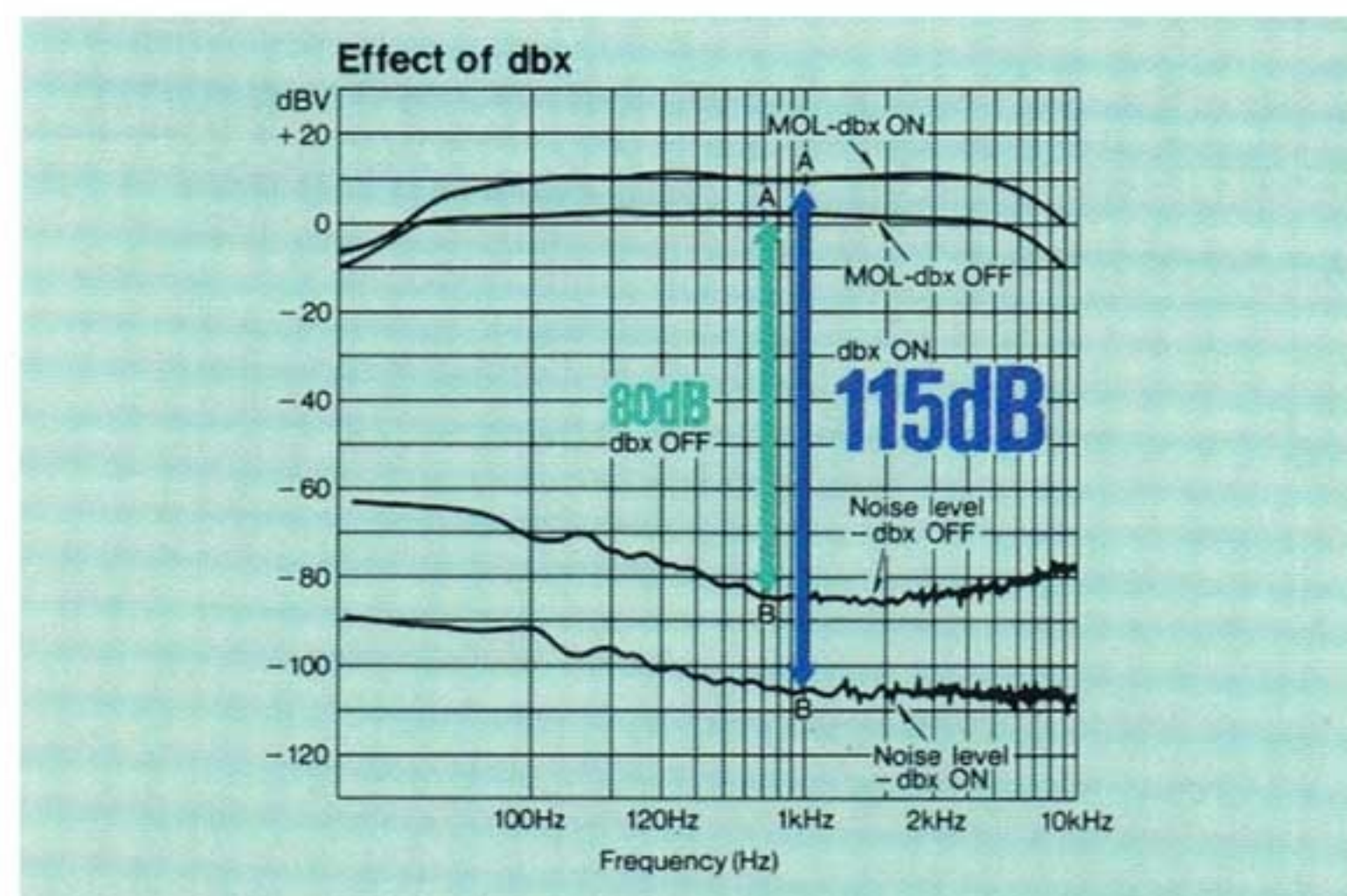
Available in black or silver



GX-A5

The GX-A5 has all of the unique Akai extras standard in the GX-A5X except dbx. Included are the remarkable Twin Field Super GX Head, Dolby B & C

Noise Reduction, and Selected Repeat with Memory. The sleek, stylish design of the GX-A5X is also seen in this deck, along with the professional attention to top-quality performance that music connoisseurs have come to expect from Akai.



ith More to Offer



Available in black or silver

Twin-Cassette High-Speed Dubbing with Akai Quality

HX-A301W

Double Cassette For the music lover in need of the added convenience provided by the double cassette format, Akai has developed the all-new HX-A301W. Now you can dub your favorite cassette tapes using the exclusive double format at your choice of normal or double speed. The HX-A301W is available in either a handsome black or stylish silver finish.

High-Speed Dubbing

The high-speed function allows tape dubbing in half the normal playback time. This means that you can dub a standard C-60 tape in 30 minutes, or

take just 45 minutes for a C-90. In addition to saving your time, it also provides for speedy editing of dubbed music tapes.

Dolby Noise Reduction System

Enjoy the superb performance of Dolby noise reduction in the HX-A301W. Dolby NR works to eliminate annoying tape hiss so that recordings come out sounding clearer and cleaner than you've ever heard them before.

High Density (HD) Head

This deck features our exclusive HD head for compatibility with all tapes, including high quality metal. Not only does this head deliver optimum recording/playback performance, but it also gives you the option of selecting from a wide variety of tape types.

One-Touch Recording

Troublesome pushbutton work is no longer necessary thanks to this convenient feature. Just one press of the RECORD button alone engages both the RECORD and START functions.

LED Peak Level Meter and Soft-Touch Operation Controls

Added ease of operation is ensured by the LED display which indicates recording peak levels during dubbing. Clear, easy-to-read level indications are yours at a glance. In addition, soft touch controls make mode shifts quick and simple.

More Akai Extras

- Timer Start Function
- Headphone jack
- Convenient auto tape selection

Total Operation Convenience



Available in black or silver

Sound Accuracy and One-Touch Convenience in a Slim New Deck

HX-A201

Akai's all new HX-A201 cassette deck incorporates several innovative features, including the convenience of one-touch recording. Along with this engineering advancement, the HX-A201 has been given a bold new design, with slim dimensions and the option of silver or black finishes.

Dolby B & C Noise Reduction

The HX-A201 has been equipped with Dolby B and C NR to ensure the ultimate in playback fidelity. Annoying tape hiss is all but eliminated, assuring you clear sound reproduction from all of your cassette recordings.

HD Head

The HX-A201 has Akai's High Density (HD) head which is compatible with metal tapes. Plus, the HD head assures you that virtually any tape you use will produce optimum results.

One-Touch Recording

Recording is now a simple one-touch process thanks to this function. In place of a combination of buttons to engage the record mode, this convenient function works with one press of the RECORD button.

LED Peak Level Meter and Soft-Touch Controls

Peak level readings are indicated by the bright LED meter for positive confirmation. Plus, the HX-A201's soft-

touch operation controls make virtually any mode-change practically effortless.

Slim Design

The HX-A201 has a sleek profile and a flat and slim front panel. It's available in your choice of black or silver finish.

Plus these Akai Extras

- Left and Right Microphone jacks
- Headphone jack

Technologically Advanced, with A Touch of Class

Available in black or silver



HX-A101/M

The HX-A101M is a Dolby B NR deck with most of the outstanding features

of the HX-A201. It boasts the same distinctive design in your choice of black or silver.

- The HX-A101 is also available. It features Normal/CrO₂ tape capability in a design similar to the HX-A101M.

and Superior Sound Quality



Available in black or silver



Computerized Recording in a Technically Advanced Deck

GX-R99

The GX-R99 features Akai's CRLP

(Computer Recording Level Processing) system for the ultimate in high-quality recording from any tape you use. In addition to this great technical advancement, the GX-R99 gives

you the convenience of Quick Reverse recording and playback. Added to this is our Super GX 3-head mechanism and Dolby B & C noise reduction systems.

Hi-Tech Decks with a Wide Variety of Features

Available in black or silver



GX-R88

The GX-R88 offers the high performance of the Super GX 3-head system and extended recording and playback with terrific sound quality. Quick Reverse and Quick Auto Tuning.



Available in black or silver



GX-R66

A full package of hi-tech advancements, including dbx and Dolby B & C noise reduction systems, Quick Reverse playback/record, and Random Program Play System (RPPS).



Available in black or silver



GX-R55

This deck is equipped with computer-controlled Random Program Play System (RPPS), great for selective programming of favorites. Long recording time is guaranteed without a sacrifice in sound quality.



Available in black or silver



HX-R44

The HX-R44's convenience features include Intro Scan and IPLS operation, plus Dolby B/C NR and extended recording with virtually no loss in sound quality.



Optional Accessories



Specifications	GX-A5X/GX-A5	HX-A3X/HX-A3	HX-A301W	HX-A201	HX-A101/M
Motor	Electronically speed controlled DC motor for capstan drive × 1	Electronically speed controlled DC motor for capstan drive × 1	Electronically speed controlled DC motor for capstan drive × 1 (Tape I, Tape II)	Electronically speed controlled DC motor for capstan drive × 1	Electronically speed controlled DC motor for capstan drive × 1
Heads	Twin Field Super GX head for recording and playback × 1 Erase head × 1	HD head for recording and playback × 1 Erase head × 1	HD head for recording and playback × 1 (Tape I) HD head for playback × 1 (Tape II) Erase head × 1 (Tape I)	HD head for recording and playback × 1 Erase head × 1	HD head for recording and playback × 1 Erase head × 1
Wow & flutter	0.05% (WRMS), 0.12% (DIN. WTD)	0.05% (WRMS), 0.12% (DIN. WTD)	0.05% (WRMS), 0.12% (DIN. WTD)	0.05% (WRMS), 0.12% (DIN. WTD)	0.05% (WRMS), 0.12% (DIN. WTD)
Distortion	0.65% (Metal)	0.7% (Metal)	0.7%	0.7% (Metal)	0.7%
Frequency response					
Metal	20Hz to 19,000Hz ± 3dB	20Hz to 18,000Hz ± 3dB	—	30Hz to 17,000Hz ± 3dB	30Hz to 17,000Hz ± 3dB
CrO ₂	20Hz to 18,000Hz ± 3dB	20Hz to 17,000Hz ± 3dB	30Hz to 16,000Hz ± 3dB	30Hz to 16,000Hz ± 3dB	30Hz to 16,000Hz ± 3dB
Normal	20Hz to 17,000Hz ± 3dB	20Hz to 16,000Hz ± 3dB	30Hz to 15,000Hz ± 3dB	30Hz to 15,000Hz ± 3dB	30Hz to 15,000Hz ± 3dB
S/N	60dB (Metal)	59dB (Metal)	56dB	56dB	56dB
Dynamic range (dbx ON)	Dolby C type NR ON: Improves up to 15dB at 500Hz, 20dB at 1kHz to 5kHz Dolby B type NR ON: Improves up to 5dB at 1kHz, 10dB above 5kHz	Dolby C type NR ON: Improves up to 15dB at 500Hz, 20dB at 1kHz to 5kHz Dolby B type NR ON: Improves up to 5dB at 1kHz, 10dB above 5kHz	Dolby B type NR ON: Improves up to 5dB at 1kHz, 10dB above 5kHz	Dolby C type NR ON: Improves up to 15dB at 500Hz, 20dB at 1kHz to 5kHz Dolby B type NR ON: Improves up to 5dB at 1kHz, 10dB above 5kHz	Dolby B type NR ON: Improves up to 5dB at 1kHz, 10dB above 5kHz
Input sensitivity/Impedance	115dB (GX-A5X)	115dB (HX-A3X)	—	—	—
LINE	70mV/47k ohms	70mV/47k ohms	70mV/47k ohms	70mV/47k ohms	70mV/47k ohms
MIC	2.5mV/5k ohms	2.5mV/5k ohms	—	0.25mV/5k ohms	0.25mV/5k ohms
Output sensitivity/Impedance					
LINE	380mV/1.2k ohms	380mV/1.2k ohms	380mV/1k ohms	380mV/2.2k ohms	380mV/1.5k ohms
PHONES	0.3mW (at 8 ohms)/91 ohms	0.3mW (at 8 ohms)/91 ohms	0.3mW/8 ohms	0.3mW/8 ohms	0.3mW/8 ohms
Dimensions	440(W) × 104(H) × 285(D)mm (17.3 × 4.1 × 11.2 inches)	440(W) × 104(H) × 285(D)mm (17.3 × 4.1 × 11.2 inches)	440(W) × 122(H) × 254(D)mm (17.3 × 4.5 × 10.0 inches)	440(W) × 110(H) × 255(D)mm (17.3 × 4.3 × 10.0 inches)	440(W) × 110(H) × 255(D)mm (17.3 × 4.3 × 10.0 inches)
Weight	4.1kg (9.0 lbs)	4.1kg (9.0 lbs)	3.1kg (6.8 lbs)	3.2kg (7.1 lbs)	3.2kg (7.1 lbs)

Specifications	GX-R99	GX-R88	GX-R66	GX-R55	HX-R44
Motors	FG servo direct motor for capstan drive × 2 DC motor for reel drive × 1 DC motor for mechanism drive × 1 DC motor for recording operation board drive × 1	FG servo direct motor for capstan drive × 2 DC motor for reel drive × 1 DC motor for mechanism drive × 1	Electronically speed controlled DC motor for capstan drive × 1 DC motor for cam drive × 1	Electronically speed controlled DC motor for capstan drive × 1 DC motor for cam drive × 1	Electronically speed controlled DC motor for capstan drive × 1 DC motor for cam drive × 1
Heads	Super GX head for recording × 1 Super GX head for playback × 1 Erase head × 2	Super GX head for recording × 1 Super GX head for playback × 1 Erase head × 2	Twin Field Super GX Head for recording and playback × 1 Erase head × 1	Twin Field Super GX Head for recording and playback × 1 Erase head × 1	HD head for recording and playback × 1 Erase head × 1
Wow & flutter	0.028% (WRMS), 0.08% (DIN. WTD)	0.028% (WRMS), 0.08% (DIN. WTD)	0.05% (WRMS), 0.12% (DIN.)	0.05% (WRMS), 0.12% (DIN.)	0.05% (WRMS), 0.12% (DIN.)
Tape winding time	90 sec. (using a C-60 tape)	90 sec. (using a C-60 tape)	—	—	—
Distortion	0.5% (Metal)	0.5% (Metal)	0.65% (Metal/1kHz)	0.65% (Metal/1kHz)	0.7% (Metal/1kHz)
Frequency response					
Metal	20Hz to 21,000Hz ± 3dB	20Hz to 21,000Hz ± 3dB	20Hz to 19,000Hz ± 3dB	20Hz to 19,000Hz ± 3dB	20Hz to 18,000Hz ± 3dB
CrO ₂	20Hz to 19,000Hz ± 3dB	20Hz to 19,000Hz ± 3dB	20Hz to 18,000Hz ± 3dB	20Hz to 18,000Hz ± 3dB	20Hz to 17,000Hz ± 3dB
Normal	20Hz to 18,000Hz ± 3dB	20Hz to 18,000Hz ± 3dB	20Hz to 17,000Hz ± 3dB	20Hz to 17,000Hz ± 3dB	20Hz to 16,000Hz ± 3dB
S/N (Metal)	60dB	60dB	60dB (1kHz, 3%, 3rd harmonic distortion)	60dB (1kHz, 3%, 3rd harmonic distortion)	58dB (1kHz, 3%, 3rd harmonic distortion)
Dynamic range (dbx ON)	Dolby C type NR ON: Improves up to 15dB at 500Hz, 20dB at 1kHz to 10kHz Dolby B type NR ON: Improves up to 5dB at 1kHz, 10dB above 5kHz	Dolby C type NR ON: Improves up to 15dB at 500Hz, 20dB at 1kHz to 10kHz Dolby B type NR ON: Improves up to 5dB at 1kHz, 10dB above 5kHz	S/N dbx ON (92dB) Dolby C type NR ON: Improves up to 15dB at 500Hz, 20dB at 1kHz to 10kHz Dolby B type NR ON: Improves up to 5dB at 1kHz, 10dB above 5kHz	Dolby C type NR ON: Improves up to 15dB at 500Hz, 20dB at 1kHz to 10kHz Dolby B type NR ON: Improves up to 5dB at 1kHz, 10dB above 5kHz	Dolby C type NR ON: Improves up to 15dB at 500Hz, 20dB at 1kHz to 10kHz Dolby B type NR ON: Improves up to 5dB at 1kHz, 10dB above 5kHz
Input sensitivity/Impedance	—	—	115dB	—	—
LINE IN	70mV/47k ohms	70mV/47k ohms	70mV/47k ohms	70mV/47k ohms	70mV/47k ohms
Output sensitivity/Impedance					
LINE OUT	410mV/250 ohms	410mV/250 ohms	70mV/1k ohms	70mV/1k ohms	70mV/1k ohms
PHONES	1.3mW/8 ohms	1.3mW/8 ohms	1.3mW/8 ohms	1.3mW/8 ohms	0.3mW/8 ohms
Dimensions	440(W) × 105(H) × 372(D)mm (17.3 × 4.1 × 14.6 inches)	440(W) × 105(H) × 372(D)mm (17.3 × 4.1 × 14.6 inches)	440(W) × 105(H) × 288(D)mm (17.3 × 4.1 × 11.3 inches)	440(W) × 105(H) × 288(D)mm (17.3 × 4.1 × 11.3 inches)	440(W) × 105(H) × 288(D)mm (17.3 × 4.1 × 11.3 inches)
Weight	8.7kg (19.1 lbs)	7.6kg (16.7 lbs)	5.0kg (11 lbs)	4.8kg (10.6 lbs)	4.5kg (9.9 lbs)

•For improvement purposes, specifications and design are subject to change without notice.

•dbx is a trademark of dbx incorporated.

•“Dolby” and the double-D symbol are trademarks of Dolby Laboratories Licensing Corporation (manufactured under license from Dolby Laboratories Licensing Corporation).

•The cassette tapes shown in the photographs are optional accessories.

•The contents of this leaflet are not to be treated as representative as to current availability of products as described or as to products actually offered for sale.

•Recording and playback of material may require consent.

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