

LUXMAN KX-101

ServoFace Metal Cassette Deck

A cassette deck that not only incorporates Dolby® B, but also Dolby® C, for an additional 10 dB improvement in signal-to-noise.

With a full array of essential controls and functions, it also uses the solenoid method of activating them, eliminating wear-prone mechanical linkages.

Wow and flutter and Total Harmonic Distortion are reduced to inaudible levels, and Transient Intermodulation Distortion to unmeasurable levels. Thanks to Duo-Beta, Luxman's highly acclaimed approach to negative

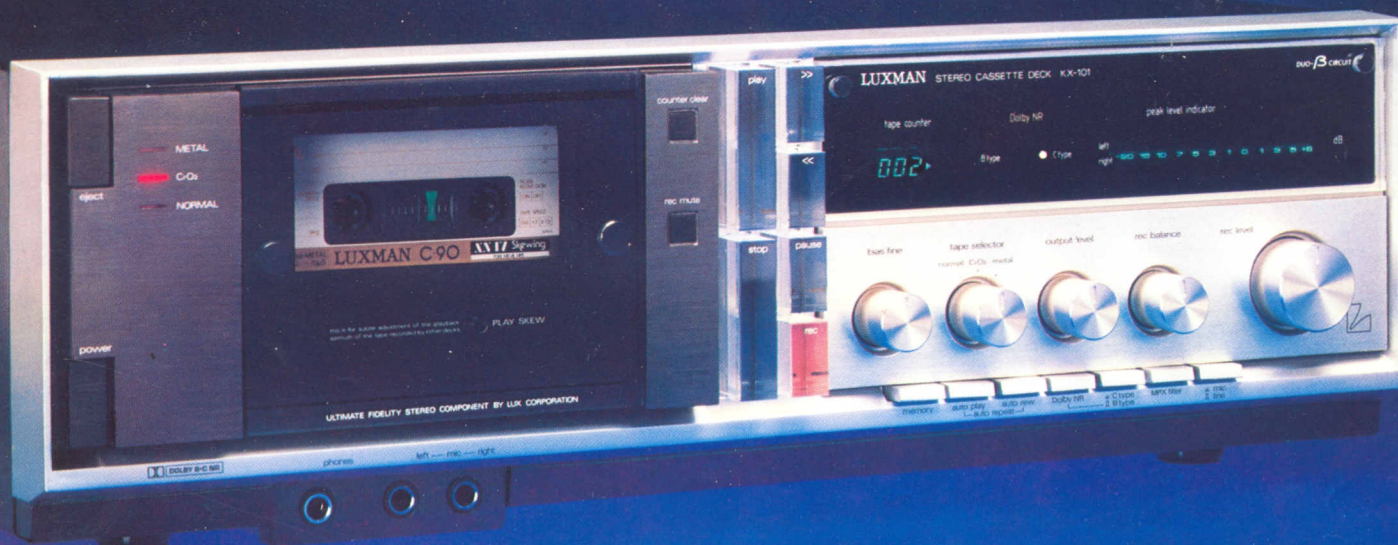
feedback circuitry.

The KX-101 achieves remarkable results with any high quality tape, and provides expanded dynamic range, improved signal-to-noise, and extended response through its compatibility with metal tape.

It also looks as clean as it sounds. With ServoFace, the most refined and elegant face panel treatment ever designed for home audio components.

Sendust Heads. Fluorescent Metering. Dolby B and C. Duo-Beta. ServoFace. And more. High performance from Luxman.

LUXMAN



LUXMAN KX-101 ServoFace Metal Cassette Deck

Specifications

Heads:
Record/Playback head (Sendust)
Erase head (Ferrite)

Wow and Flutter:
No more than 0.04% WRMS

Signal-to-Noise Ratio:
Metal tape: better than 73 dB
with Dolby C on, better than
65 dB with Dolby B on, better
than 58 dB without NR.

Chromium tape: better than 73
dB with Dolby C on, better
than 65 dB with Dolby B on,
better than 58 dB without NR.
Normal tape: better than 72 dB
with Dolby C on, better than
65 dB with Dolby B on, better
than 58 dB without NR.

Output Level:
Line out, 580 mV

Frequency Response:
Metal tape: 20 to 20,000 Hz
Chromium tape: 20 to 18,000 Hz
Normal tape: 20 to 17,000 Hz

Overall Distortion:
No more than 0.7% (Normal
tape, 1 KHz, 0 dB)

Input Sensitivity:
Line input, 80 mV
Microphone input, 0.3 mV

Power consumption:
26 Watts

Dimensions:
453mm wide (18.1") x 147mm
high (5.9") x 365mm deep
(14.6")

Weight:
Net 8 kg (17.6 lbs)
Gross 10.5 kg (23.1 lbs)

Specifications and design subject to change
without notice.

Features

Dolby® B Noise Reduction:
This noise reduction system has
been included to provide com-
plete compatibility with other
decks and recordings that have
been Dolby encoded. Dolby B
NR offers you as much as 10 dB
in noise reduction.

Dolby® C Noise Reduction:
The basic principle of the C type
NR system is the same as for the
B type. However, the processor
goes through an additional step.
Dividing the processor into a
high and low level configuration
broadens the operating band of
the C type, two octaves over
that of the B type system. This
results in a noise reduction
improvement of up to 20 dB.

Duo-Beta Circuitry:
Luxman's highly acclaimed
approach to minimizing the
audible effects of negative
feedback (NFB). The result is
smoother, cleaner mid-to-
high frequency performance
and substantially tighter
bass response.

Full Logic Solenoid Control:
Provides instantaneous and
smooth shifting from one opera-
tional mode to another.

**Fluorescent Tape Counter
Tape Selector Switch**

Bias Fine Control:
Permits bias current alteration to
within $\pm 15\%$ of the nominal
bias point, allowing you to
subtly alter frequency response
for any given tape.

**Fluorescent Peak Level
Indicator:**
Provides quick response to
recording signals as well as an
additional 3 dB of calibration for
metal tapes which results in up
to +8 dB.

**Auto Rewind/Play/Repeat
Switch:**
Autorepeat mode automat-
ically engages the rewind mode
at the end of the tape. With the
Counter Memory switch
depressed, the rewinding stops
at the tape start position, and
the tape transport mechanism is
automatically shifted into the
play mode.

MPX Filter Switch

ServoFace:
The most refined look in home
audio today. Press the power
switch on and the flush Servo-
Face faceplate slides back to
reveal a full array of controls and
adjustments. Press the power
switch off and the faceplate
slides flush again, creating a
smooth, even surface which

minimizes the accidental alter-
ing of the set adjustments.

Metal Tape Capability:
The KX-101 lets you take advan-
tage of the wider dynamic range
and signal-to-noise characteris-
tics of metal particle tapes. Both
the record/playback head and
erase head are specially con-
structed for compatibility with
metal tapes.

Auto Disc Pause:
Works in combination with the
Luxman PX-101 Tangential Track-
ing Turntable. The PX-101 has

the auto disc pause output to
command the KX-101 from the
record mode to pause automat-
ically at the end of disc play.
Allows you to leave the system
unattended while taping.

**Infrared Wireless Remote
Control:**
Through the Luxman RX-103
Receiver, you may control the
KX-101. Control includes: play,
stop, pause, fast forward,
rewind and record.



*An ideal system in combination with the KX-101 is the Luxman RX-103
Receiver with Remote Control and the PX-101 Tangential Tracking Turntable.*

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