AKAI GX-747





EE Tape.

When Fine Recording

Has to Be

Even Better.



Akai's GX-747 Expands the Range of Dynamic Open Reel Performance with Extraordinary Sophistication and Unsurpassed EE Reproduction Quality.

This is truly audiophile equipment; and it deserves the careful scrutiny of the serious recordist. After hearing its exceptional reproduction quality, you'll know this is a thoroughly well-conceived approach to the delicate process of critical recording. And we're sure you'll realize, after outting the GX-747 through its paces, that you've got your hands on a superior open roel dock. Because we already know just how much advanced technology, dynamic performance

You'll find the GX-747 unique in more ways than one. It's compatible with EE tape - the latest breakthrough in open reel tape technology. EE offers unmatched dynamic range, higher frequency response, and greater output level. The GX-747 also atures an elaborate, yet wonderfully slates a host of memory, location and timing functions. Unlike ordinary tape counters, these operate on an elapsed-time basis. And

there's the uncommon luxury of Auto Reverse with continuous playback, giving you virtually unlimited, uninterrupted All of what you'd expect to find in a topof-the-line open reel deck is here - a

precision-aligned, ultra-stable transport system, sophisticated, positive-operation controls, and loads of convenience featur Give the GX-747 a close look; then you'll know what you've been missing.



AKAI

Pitch Control -

Auto Release, Auto Lock

Includes peak hold to give you precise monitoring of recordin levels without delay or eversh-

AKAI

Feather-Touch, Full Microcomputer Logic Controls

Auto Rec Mate Switch Left and Right Microphone

A New Breakthrough in Open Reel Performance

EE-It Brings Out the Best That

handle the higher bias and lower equaliza performance. Because no other tane can achieve the expanded dynamic range, im tape quality is so high, reproduction perother tape at 7-1/2 ips. This plus Auto Reverse on the GX-747 makes it possible

system that operates on a "real-time" (elapsed-time) basis. A bright, easy-toread digital display tracks tape travel in hours, minutes and seconds, unlike con-

display capability, the microcomputer also functions, like Memory Reverse. This allows you to reverse tape travel at any desired point on the tape, in either record "0" Stop, another automatic memory

new motorized tension arms make difficult Feather-Touch, Microcomputer

A light touch activates these controls

nism. Tape travel direction is verified by a in effect when the indicator is blinking.



Even with a fine open reel dock, the tape itself is often a limiting factor in critical recording applications. Until now, there really hasn't been an open reel tape good enough to thoroughly capture the excellent sound reproduction quality of advanced audiophile disc technology. New high-year master, direct-of-disc, and PCM (digital)

source indenty mat recovering uspe simply couldn't do them justice.

But no longer. A remarkable new development in open red tape that meets those demanding standards is now available. It's an extraordinary high performance tape offering significant improvements in dynamic range, frequency response and

high frequency MOL. Improvements 50

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outstanding that EE tape, when used properly with compatible decks, will mon than live up to these superior audiophile discs. Improvements so noticeable that musically, you'll realize more pure performance with EE tape than you ever thought possible.

R&D breakthrough. EE tape was achieved by two of the world's leading tape manufactures in a combined effort with Akai. The critical difference between EE and other tape formulas lies in the magnetic particles themselves. Their highdensity cobalt-ferrite composition provides

enhanced remanence and high coercivity. EE tape yields greater output, broader dynamic range and wider frequency response. More importantly, EE tape provides performance that makes a qualitative difference in the sound you

demanding the music source.

Seedifically, EE tape achieves a dramatic
5 dB improvement in MOL (Muximum
Output Level) at 15 kHz. Throughout the
high-frequency range there is substantially
better MOL at all tape speeds. This means
that music with high-level transients and
high-frequency harmonics is accurately
recorded and reproduced with an absolute
minimum of distortion. So you can expect

saturation.

Frequency response with EE tape is extended way out to 33 kHz (±3 dB) at a speed of 7% ips (19cm/s). At 3% ips (9.5cm/s), frequency response is equivalent to the finest conventional open reel tape at 7% ips (19cm/s), or twice the speed.

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virtually all the audio information contain in the source is retained and released, wit no sign of strain. EE tape also means a 2.5 dB S/N

improvement at all frequencies, and a 3 dB gain at high frequency levels. With a corresponding dynamic range increase of 5 – 6 dB, there's an audible difference in EE tape performance. Soft, quiet musical passages come through with ultra-low noise,

croscendoes and high-level peaks jump out with clarity and stunning musical presence. Open reel tupe has always had significant advantages as a recording medium – like high level reproduction quality, extended

playback and recording time, and ease of editing and splicing.

Now, the introduction of EE tape has made another big difference. Bringing open reel performance to the highest level yet, it guarantees the broadest dynamic quality available with tape today.

EE tape requires a bias increase of about ic 20% over other tapes, a playback equalization of 35 gs (at 17%) iss or 19 cm/s) and extra erasing power, and most deeks of don't have a tape selector position compatible with these demands. But Akai has designed an exclusive setting which employs special erase heads and

employs special erase heads and sophisticated circuitry for EE tape into two of its top-line decks. And you'll find it on the astounding GX-747. With EE tape, you get the most true-to-fie music reproduction attainable. When fine recording has to be even better.

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Specifications GX-747 Truck System 4-Truck, 2-Channel Steroo System Reel Capacity 101/2" and 7" Motors 1 AC Servo Capstan Motor

Input Jacks MIC:0.25 mV (input impedance 5.0 k-ohms) Output Jacks Heads 2 GX recording, 2 GX playback, 2 Erase DIN Jack

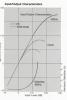
Wow & Flatter Less than 0.03% WRMS, 0.07% DIN 45500 at Less than 0.04% WRMS, 0.09% DIN 45500 at

Tape Winding Time . . Frequency Response . . 25 - 33,000 Hz ±3 dB/-20 VU at 7½ ips (19cm/s) 25 - 15,000 Hz ±3 dB/0 VU at 3% ips (9.5cm/s) Signal-to-Noise Ratio . Better than 65 dB at 7% ins (19cm/c) DIN 45500

Weight 25 - 25,000 Hz ±3 dB/-20 VU at 3% ips (9.5cm/s)

440 (W) × 493 (H) × 256 (D) Power Requirements . . U.S.A. and Canada: 120 V, 60 Hz

Harmonic Distortion . . Less than 0.4% at 7½ ins (19cm/s) Specifications EE Tape





- * The empty reel and tape 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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