

**OPEN REEL  
CASSETTES  
8-TRACK**

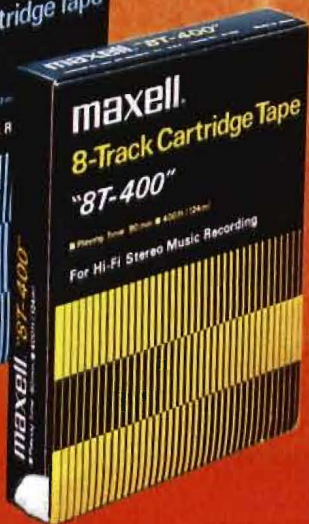
# maxell®



NEW ULTRA DYNAMIC CASSETTES



NEW LOW NOISE CASSETTES



HIGH PERFORMANCE 8 TRACK CARTRIDGES

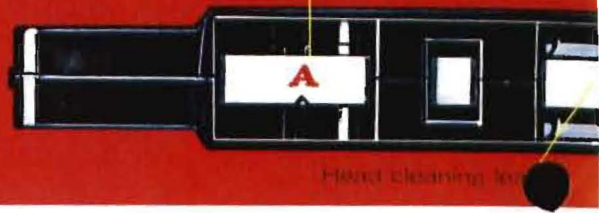
OPEN REEL TAPE



ULTRA DYNAMIC

**UD**

**NEW STANDARDS  
OF EXCELLENCE**



**NEW MAXELL CASSETTES HAVE FOUR WAY WORKING LEA**



**UDC-LP**

3 New UDC-60 cassettes and 3 new UDC-90 cassettes in a luxurious black and white vinyl six pack that fits conveniently on a library shelf, contains ample index note space and protects your valued cassettes in a premium moulded snap-in case.

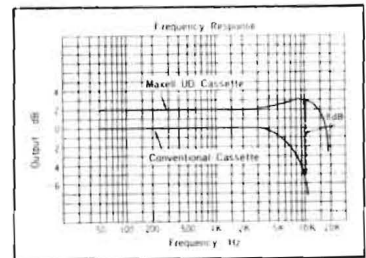
UD Model	Recording Time (1 7/8 ips)
UDC-46	46 min. (23 x 2)
UDC-60	60 min. (30 x 2)
UDC-90	90 min. (45 x 2)
UDC-120	120 min. (60 x 2)

**UD ULTRA DYNAMIC CASSETTES (HIGH BIAS)**

- New Standards of high reliability
- New levels of consistency, running efficiency and uniformity
- New high sensitivity and outstanding improvements in S/N Ratio
- Improved extra high saturation level
- Extremely wide frequency response with extra-high pass characteristics

(See Frequency Response)

- Extremely low print through even after long periods of storage preserves original quality of recording
- Maxell's new PX Gamma Hematite is the most advanced oxide formulation in the magnetic tape industry
- New thermal hardening type binder ensures superb durability even in very heavy duty use
- Improved mirror oxide surface finish achieves new levels of output level consistency and extends high-pass output
- New cassette shell, with super high precision finish, has dimensional accuracy which sets a new and much higher standard



ELECTRI

**OPEN REEL**

**ULTRA DYNAMIC (HIGH BIAS)**

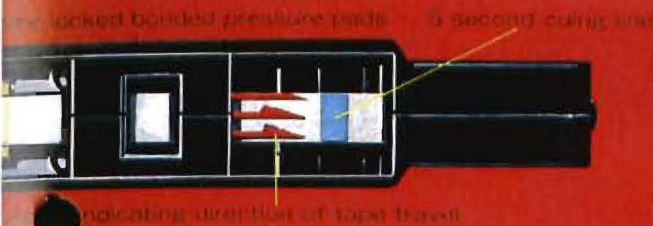
This new ULTRA DYNAMIC Tape is truly an outstanding, premium quality product which is in a class by itself—unmatched and unparalleled in magnetic tape. It was developed exclusively for exceptionally high quality, high fidelity applications. The technological improvements embodied in the exclusive ULTRA DYNAMIC tape construction are truly epoch making. MAXELL's unique and advanced techniques plus an entirely new type of binder system contribute to the outstanding and desirable characteristics of this tape.



This unique combination of the finest quality open reel tape and the most practical, yet luxurious, library package is available with UD50-7VP or UD35-7VP... truly the perfect tape in the perfect package.

Model	Base Material	Total Thickness (microns)	Tape Length (ft.)	Reel Size
UD50-10R	Polyester (1.5 mil.)	50	2500	metal 10 1/2" NAB
UD50-7	Polyester (1.5 mil.)	50	1200	7"
UD35-10R	Polyester (1.0 mil.)	35	3600	metal 10 1/2" NAB
UD35-7	Polyester (1.0 mil.)	35	1800	7"





**NEW ACHIEVEMENT  
IN HIGH RELIABILITY  
AND CONVENIENCE**



**HEADERS AND FRAME LOCKED BONDED PRESSURE PADS**

**LOW NOISE LN LOW NOISE CASSETTES (NORMAL BIAS)**

- Smooth frequency response and good dynamic range plus excellent S/N ratio, make the new LN Cassettes fully capable of High Fidelity performance
- Unique new leader has: head cleaning function, running direction indicator, side A or B indicator, and 5 second cuing mark
- Entirely new precision aligned pressure pad structure with pad bonded into pan shaped retainer insures against any misalignment of pad position

LN Model	Recording Time (1 7/8 ips)
C-30	30 min. (15 x 2)
C-60	60 min. (30 x 2)
C-90	90 min. (45 x 2)
C-120	120 min. (60 x 2)

Premium Quality . . . Standard Prices . . . Superb Mechanism . . . Four Function Working Leader . . . Frame Locked Pressure Pads . . . MAXELL LOW-NOISE Cassette Tape has virtually eliminated noise from the tape and is far superior to conventional premium cassettes. Its exceptional dynamic range and extended frequency response makes MAXELL LOW-NOISE a superb quality tape in a smooth running, trouble free, heavy duty precision housing.

**MICROSCOPE PHOTO OF MAGNETIC PARTICLES**



MAXELL UD

CONVENTIONAL



Model	Base Material	Total Thickness (microns)	Tape Length (ft.)	Reel Size
LNE50-10R	Polyester (1.5 mil.)	50	2500	metal 10 1/2" NAB
LNE50-7	Polyester (1.5 mil.)	50	1200	7"
LNE35-10R	Polyester (1.0 mil.)	35	3600	metal 10 1/2" NAB
LNE35-7	Polyester (1.0 mil.)	35	1800	7"
LNE25-7	Polyester (0.5 mil.)	25	2400	7"
LNE18-7	Polyester (0.5 mil.)	18	3600	7"

**LOW NOISE (NORMAL BIAS)**

MAXELL LOW NOISE tape is a high efficiency low noise tape. Quality control and precise manufacturing processes assure uniformity, reliability and consistent wide frequency response. Mirror finished oxide surface improves tape to head surface contact and eliminates drop out as well as reducing friction and wear.

The exceedingly low print through characteristics of LNE35, (far superior to conventional tapes), makes it capable of stable performance for recording and reproduction even after long periods of dead storage.

**STANDARD (NORMAL BIAS)**

MAXELL STANDARD tape is an all-round high consistency tape which can be used with excellent and extremely uniform results for all general recording applications.



Model	Base Material	Total Thickness (microns)	Tape Length (ft.)	Reel Size
A50-7	Acetate (1.5 mil.)	50	1200	7"
E35-7	Polyester (1.0 mil.)	35	1800	7"



# maxell®

## 8-TRACK CARTRIDGES

8T-200 8T-300  
8T-400

MAXELL's high reliability, smooth running heavy duty construction combined with high performance tape formulations ensure optimum cartridge results: 40H to 12KH, superb S/N ratio (3dB better than ordinary tape) . . . widest dynamic range . . . less than .3% wow & flutter (after 300 hours operation) . . . high quality tough polyester base provides high resistance to moisture and -20 c to +80 c operating temperature range . . . When all is said and done, results are what count, and spectacular results are what you get with MAXELL tape cartridges.



### STATEMENT OF COMMITMENT

Ours is an age of superlatives; particularly in the area of product claims and counter-claims. Products are described with words like "reliability," "dependability," "quality," and "consistency." Everything from pencils to space vehicles are referred to with these words. The true meaning of these words now becomes a matter of degree. Such as: How much quality? How much reliability? How much consistency?

You will find words like those we have mentioned throughout this brochure. But, we have chosen to use them with great care. The quality, dependability and reliability are integral parts of all Maxell products including the NEW ULTRA DYNAMIC Cassettes.

The total superiority of the NEW UD Cassettes is the result of the essential factors of precision craftsmanship, superior engineering, and material excellence.

When you choose Maxell UD Cassettes, you can be certain that they represent the most advanced achievement in the state of the art of magnetic tape products backed by a firm commitment to provide you with the magnetic tape product that suits your needs with the finest product that can be made and without compromise.

Model	Tape Length (ft.)	Recording Time (min.)
8T-200	200	40
8T-300	300	64
8T-400	400	80

## Maxell Corporation of America

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Look for the colorful MAXELL display at your local dealer. It contains everything to fill all your magnetic tape needs. You can be sure of the finest quality tape products when they carry the MAXELL name.

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