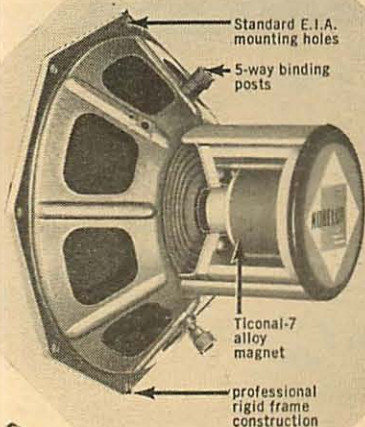


from the  
audio  
research  
center  
of the  
world

# Norelco®

## HI-FI COMPONENTS

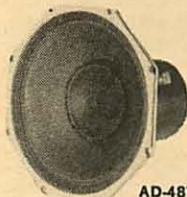
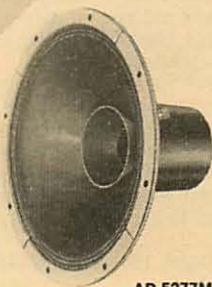
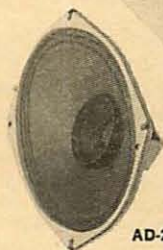
featuring new  
**TICONAL VIII**  
magnets (30%  
more powerful  
than alnico)



# T-7

## LOUDSPEAKERS

This new line of 5" to 12" loudspeakers is designed to match the quality requirements of the discriminating music lover...at a surprisingly moderate price. The world's greatest buys on the basis of listening quality, the T-7 series incorporates voice coil magnets of Ticonal-7 steel, the most powerful of modern magnet alloys, for maximum efficiency and damping...dual cones for wide frequency response...constant impedance resulting in an extremely straight response curve...longer effective air-gaps and extra-high flux density to provide exceptional transient response and to eliminate ringing and overshoot.



Model	Size	Power (watts)		Efficiency at 400 cps	Total Flux (Maxwells)	Frequency Response (cps)	Audiophile Net
		Continuous	Peak				
AD-5277M	12"	20	30	14%	134,000	35-18,000	\$72.50
AD-4277M	12"	20	30	7%	98,000	35-18,000	39.00
AD-4877M	8"	6	10	10%	58,300	50-20,000	26.00
AD-3800M	8"	6	10	6%	26,200	75-19,000	9.90
AD-3500M	5"	3	5	4%	26,200	30-19,000	8.34
AD-3690M	6x9"	6	9	5.5%	26,200	70-18,000	7.95
AD-2690M	6x9"	6	9	2.5%	15,200	70-16,000	6.75

## 'EXHIBITION' SPEAKER ENCLOSURES

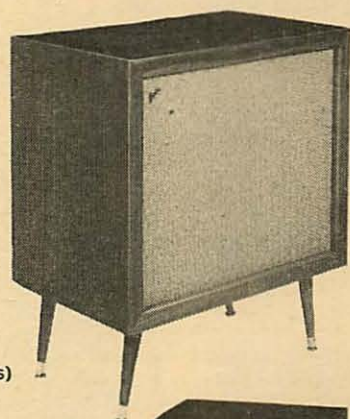
Acoustically designed to achieve moderate size without loss of bass response or wideness of dispersion. Perfectly matched for the bass response of the NORELCO T-7 speakers. Available in three sizes in hand-rubbed Mahogany, Walnut, Blond or Cherry finishes.

**Specifications:** The "Rembrandt," (26" x 21½" x 17¼" deep) Walnut or Cherry \$99.50; Blond \$94.95; Mahogany \$91.00. The "Van Gogh," (23¾" x 13¾" x 11¾" deep) Walnut or Cherry \$59.95; Blond \$55.50; Mahogany \$51.00. The "Vermeer," (18½" x 12" x 8-15/16" deep) Walnut or Cherry \$35.00; Blond \$33.25; Mahogany \$31.00.

\*May be placed horizontally or vertically.

...also new from *Norelco*

The "HAGUE"; completely integrated quality speaker system. Two high-efficiency T-7 loudspeakers in an acoustically matched enclosure. Designed for optimum dispersion...maximum efficiency...extremely wide-range, flat response. 26" x 21½" x 17¼" deep. Walnut or Cherry \$159.95; Blond \$154.95; Mahogany \$149.95.



The REMBRANDT  
(for AD-5277M or  
AD-4277M Speakers)



The HAGUE  
(Matched  
Speaker System)

The VAN GOGH  
(for AD-4877M  
Speaker)



The VERMEER  
(for AD-3800M  
Speaker)

# Norelco®

## 'CONTINENTAL' TAPE RECORDERS

developed  
and  
guild-crafted  
by  
Philips  
of the  
Netherlands

Whether you are a music lover, a recordist, or a high fidelity enthusiast, we are confident you will find one of the justly famous Norelco 'Continental' family of professional quality tape recorders ideally suited to your specific recording requirements.

"...quite up to professional standards...  
capable of producing superb tapes..."

HIGH FIDELITY MAGAZINE

◆ full frequency recording...broadcast fidelity playback ◆ three speeds for maximum versatility, economy and fidelity ◆ special narrow-gap heads for extended frequency response ◆ simple piano-key controls ◆ self-contained with dynamic microphone and wide range Norelco loudspeaker ◆ can also be played through an external hi-fi system ◆ easily portable...rugged ◆ carrying case styled by the continent's top designers.

## NEW THE CONTINENTAL "400" 4-TRACK STEREO-RECORD/PLAYBACK

Model EL3536 \$399.50

◆ four-track stereophonic recording and playback ◆ four-track monophonic recording and playback ◆ self-contained including dual hi-fi preamps, recording and playback amplifiers and Norelco wide-range loudspeaker ◆ fully compatible with conventional pre-recorded magnetic tapes ◆ can also be used as a self-contained phono/P.A. amplifier and speaker system

### SPECIFICATIONS:

THREE TAPE SPEEDS—7½, 3¾, and 1⅞ ips; TRACKS—stereo 2 (dual); monophonic 4; HEADS—stacked; FREQUENCY RESPONSE—at 7½ ips, 50-18,000 cps; at 3¾ ips, 60-14,000 cps; at 1⅞ ips, 60-7,000 cps; SIGNAL-TO-NOISE RATIO—55 db or better; WOW AND FLUTTER—Less than .3% at 3¾ ips; MODULATION INDICATOR—Magic Eye (Type EM84); PROGRAM INDICATOR—Built-in, 4 digit adjustable; PAUSE BUTTON—Instantaneous with locking device; FAST FORWARD AND REVERSE—Less than 2 minutes for 1200 ft. of tape; DUBBING FACILITIES—Sound on sound; AUTOMATIC STOP—At ends of tape (with metalized strips); AUDIO FACILITIES—Self-contained including dual hi-fi preamps, recording and playback amplifiers, balance control and Norelco wide range loudspeaker; INPUTS—(1) for stereo microphone; (2) for stereo phono or



tuners; OUTPUTS—(2) for extension speakers; (2) for external amplifiers; (1) for stereo headphones; MICROPHONE—Stereophonic (dual elements); SPECIAL CONTROLS—For recording only: ganged mike volume, and ganged phono/radio volume. For playback only: 2 channel tone; ganged volume; and ganged balance; SWITCHES: (1) dubbing; (1) 2-position channel modulation selector; (1) 2-position for combining both stereo channels to single speaker output; (1) 4-position selector—Pos. I, Public Address, Stereo (mike and phono), Pos. II, Monaural Track 1 (& track 4 when tape reel is inverted), Pos. III, Monaural Track 3 (& track 2 when tape reel is inverted), Pos. IV, Stereo; TUBE COMPLEMENT—EF86 (2), ECC83 (3), EL84 (2), EM84 (1); LINE VOLTAGE—117 volts AC at 60 cycles; POWER CONSUMPTION—100 w; DIMENSIONS—18½" x 15½" x 8½"; WEIGHT—55 lbs.

## STEREO-PLAYBACK VERSION Model EL3516/G53 \$299.50

Provides every feature of the original monaural 'Continental' Model EL3516—PLUS stereophonic playback and mixing facilities for monaural recording.

### SPECIFICATIONS:

THREE TAPE SPEEDS—7½, 3¾, and 1⅞ ips; TRACKS—Dual; HEADS—Stacked; FREQUENCY RESPONSE—at 7½ ips, 50 to 16,000 cps; at 3¾ ips, 60 to 10,000 cps; at 1⅞ ips, 60 to 5,000 cps; WOW AND FLUTTER—0.15% at 7½ ips, 0.2% at 3¾ ips, 0.35% at 1⅞ ips; VOLUME INDICATOR—Magic Eye Type EM84; LOUDSPEAKER—Integrated, heavy magnet, wide range; FAST FORWARD AND REVERSE—Less than 2 minutes for 1200 ft. of tape; AUTOMATIC STOP—At ends of tape (with metalized strips);



PROGRAM INDICATOR—Built-in, 3 digit adjustable; INPUTS—(1) radio/phono; (1) microphone (with mixing facilities); OUTPUTS—(1) for external speaker without controls; (1) for headphone monitoring recording circuit; MICROPHONE—High-Impedance Dynamic; TUBES—EF86 (2), ECC83 (2), ECL82 (1), EM84 (1); LINE VOLTAGE—117 volts AC at 60 cycles; POWER CONSUMPTION—80 watts; DIMENSIONS—15¾" x 13" x 8"; WEIGHT—32 lbs.

## STEREO COMPANION PIECE Model SCP-1 \$99.00

Provides the all important "second voice" for completely self-contained stereophonic playback with the 'Continental' Model EL3516/G53. Incorporates second power amplifier and second wide-range Norelco loudspeaker in exactly matching carrying case.

WEIGHT—15 pounds. DIMENSIONS—15¾" x 13" x 8".



## ORIGINAL MONAURAL VERSION Model EL3516 \$269.50

Still the greatest buy in a monaural tape recorder. Similar to the 'Continental' Model EL3516/G53 but with monaural facilities only. The Norelco Model EL3516, the favorite of the nation's schools and voice and music teachers is regarded as the world's most advanced, all-in-one portable tape recorder.