

accessories

Walnut case or walnut side panels for all receivers, separates, and cassette decks. Rack mount adaptor with handles for all separates, and cassette decks.

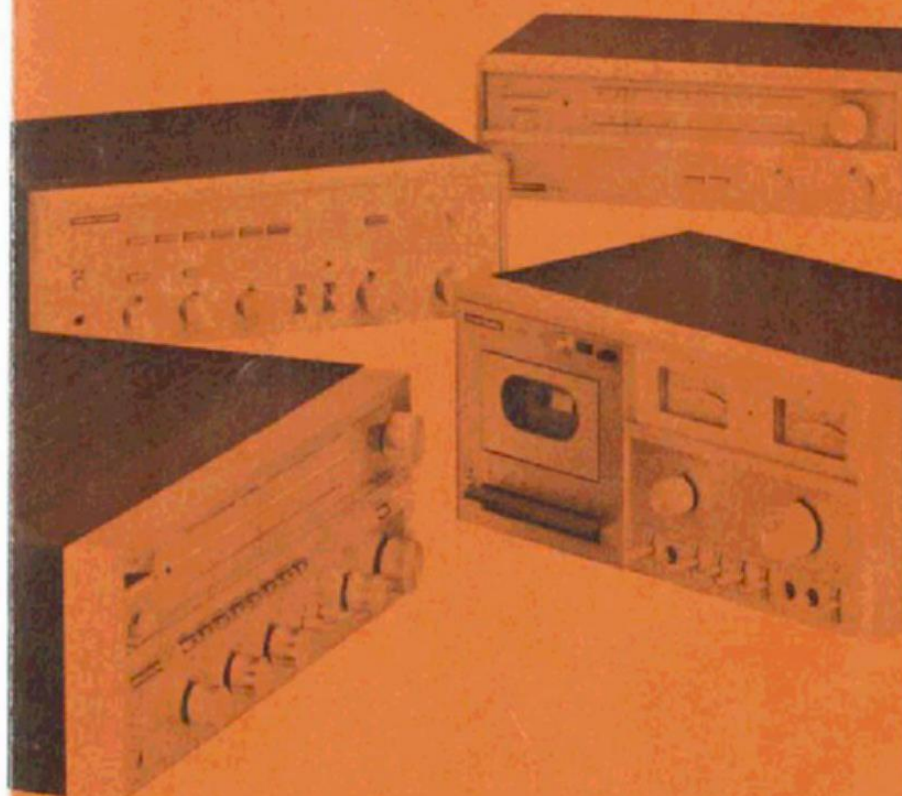
HARMAN KARDON

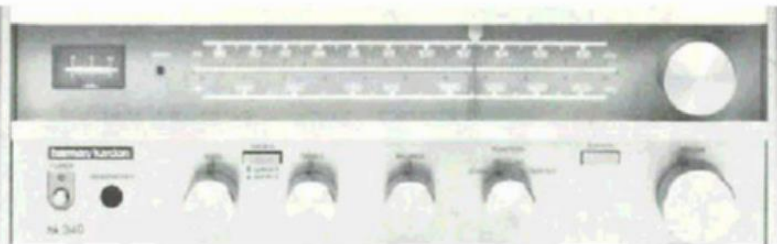
Harman Kardon engineering has one goal: to reproduce music in the home with uncompromising accuracy. Modern recordings rival the tonal balance, clarity, and detail of the concert hall. A superior component must reproduce all of these characteristics faithfully.

It must deliver *all* the music.

The new handsome components from Harman Kardon are designed, built, and tested with new understandings that go far beyond conventional ideas about distortion and the factors that make one component sound better than another. They are the most musically accurate components ever devised.

© beim Horst
Archiv Michiel





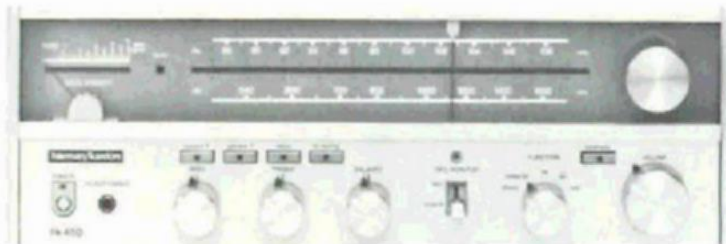
hk340 ultrawideband AM/FM stereo receiver
20/20 watts

FEATURES

- Speaker selector
- Loudness compensation
- Provision for tape deck
- Headphone jack
- Signal strength tuning meter
- Stereo indicator LED
- Soft-touch switches, smooth-acting controls
- Built-in FM muting
- Circuit breaker speaker protection

POWER AND PERFORMANCE

POWER OUTPUT	20 WATTS MIN RMS PER CHANNEL, BOTH CHANNELS DRIVEN INTO 8 OHMS FROM 20Hz to 20kHz AT LESS THAN 0.1% THD
Frequency response	Below 3 Hz to 100 kHz —3.0dB
Amplifier type	Full complementary symmetry
Total harmonic distortion	0.08% 1kHz at rated output
Intermodulation distortion	0.1% at rated output
Rise time	Better than 3.5 microseconds
Slew rate	>50 volts/microsecond
FM sensitivity (mono)	2.5µV
FM selectivity	-60 dB



hk450 DC coupled ultrawideband AM/FM stereo receiver 30/30 watts

The hk450 has all the features of the hk340, PLUS the following:

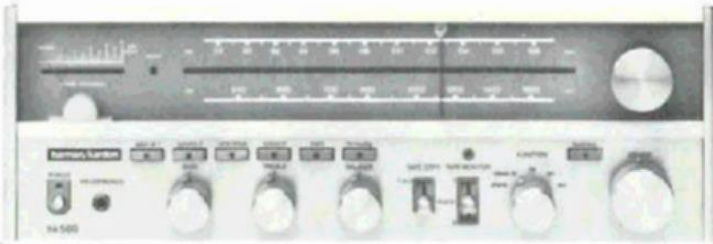
FEATURES

- Defeatable muting
- Two speaker system selectors
- Tape monitor with LED
- Provision for 2 tape decks
- Ultra-low negative feedback design

POWER AND PERFORMANCE

POWER OUTPUT	30 WATTS MIN RMS PER CHANNEL, BOTH CHANNELS DRIVEN INTO 8 OHMS FROM 20Hz to 20kHz AT LESS THAN 0.09% THD
Frequency response	Below 3Hz to 140kHz —3.0dB
Amplifier type	DC coupled, full complementary symmetry
Total harmonic distortion	0.04% 1kHz at rated output
Intermodulation distortion	0.09% at rated output
Rise time	Better than 2.5 microseconds
Slew rate	>60 volts/microsecond
Phono preamp	3-stage, low noise, low TIM distortion
FM sensitivity (mono)	2.0µV
FM selectivity	-67 dB

Archiv Hersteller
Michael Otto



hk560 DC coupled ultrawideband AM/FM stereo receiver 40/40 watts

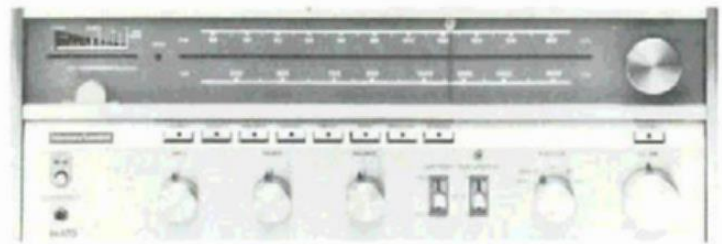
The hk560 has all the features of the hk450, PLUS the following:

FEATURES

- 3-position tape monitor with LED
- Center detent on bass, treble, and balance controls
- Subsonic filter (12dB/octave)
- Tape copy facility
- Tone control defeat switch
- LED in-tune indicator

POWER AND PERFORMANCE

POWER OUTPUT	40 WATTS MIN RMS PER CHANNEL, BOTH CHANNELS DRIVEN INTO 8 OHMS FROM 20Hz to 20kHz AT LESS THAN 0.08% THD
Frequency response	Below 3Hz to 140kHz —3.0dB
Amplifier type	DC coupled, full complementary symmetry
Total harmonic distortion	0.03% 1kHz at rated output
Intermodulation distortion	0.05% at rated output
Rise time	Better than 2.5 microseconds
Slew rate	>65 volts/microsecond
Phono preamp	4-stage, low noise, low TIM distortion
FM sensitivity (mono)	1.9 μ V
FM selectivity	-70 dB



hk670 twin powered DC coupled ultrawideband AM/FM stereo receiver 60/60 watts

The hk670 has all the features of the hk560, PLUS the following:

FEATURES

- Twin power supply
- Electronic speaker protection outside the feedback loop
- High cut filter (12dB/octave)
- 3-position tape copy switch
- Patented (SMQ) signal strength/multipath/quieting meter
- Remarkable square wave response and spectral analysis at all frequencies
- Compounded "T" circuit design

POWER AND PERFORMANCE

POWER OUTPUT	60 WATTS MIN RMS PER CHANNEL, BOTH CHANNELS DRIVEN INTO 8 OHMS FROM 20Hz to 20kHz AT LESS THAN .06% THD
Frequency response	Below 3Hz to 140kHz —3.0dB
Amplifier type	DC coupled, full complementary symmetry
Total harmonic distortion	0.04% 1kHz at rated output
Intermodulation distortion	0.08% at rated output
Rise time	Better than 2.5 microseconds
Slew rate	>65 volts/microsecond
Phono preamp	4-stage, low noise, low TIM distortion
FM sensitivity (mono)	1.9 μ V
FM selectivity	-75 dB

- Speaker selector
- Loudness compensation
- Separate bass, treble, and balance controls
- Provision for tape deck
- Headphone jack
- Heavy duty power supply
- Signal strength tuning meter
- Stereo indicator LED
- Parallax-free tuning scale
- Soft-touch switches, smooth-acting controls
- Built-in FM muting
- Separate power switch with LED
- Circuit breaker speaker protection
- Defeatable muting
- Two speaker system selectors
- Mono/stereo switch
- 5-position function selector
- Tape monitor with LED
- Provision for 2 tape decks
- Ultra-low negative feedback design
- 3-position tape monitor with LED
- Center detent on bass, treble, and balance controls
- Subsonic filter (12dB/octave)
- Tape copy facility
- Tone control defeat switch
- LED in-tune indicator
- Twin power supply
- Electronic speaker protection outside the feedback loop
- High cut filter (12dB/octave)
- 3-position tape copy switch
- Switchable 25 microsecond deemphasis for Dobby® NR broadcasts
- Patented (SMQ) signal strength/multipath/quieting meter
- Power switch with dual LEDs
- Extremely low dynamic distortion
- Remarkable square wave response and spectral analysis at all frequencies
- Compounded "T" circuit design

hk340

hk450

hk560

hk670



hk503 DC coupled ultrawideband integrated amplifier 40/40 watts

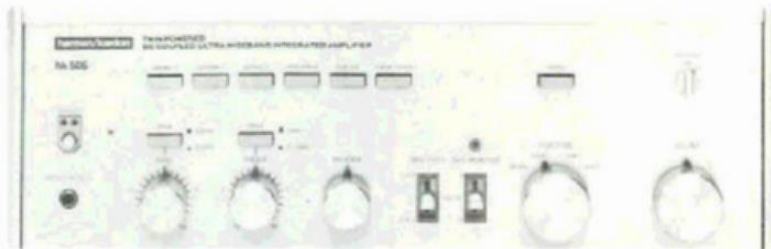
FEATURES

- 3-position tape monitor with LED
- Center detent on bass, treble, and balance controls
- Subsonic filter (12dB/octave)
- Tape copy facility
- Tone control defeat switch
- Phono preamplifier with excellent dynamic range and square wave response

POWER AND PERFORMANCE

POWER OUTPUT	40 WATTS MIN RMS PER CHANNEL, BOTH CHANNELS DRIVEN INTO 8 OHMS FROM 20Hz to 20kHz AT LESS THAN 0.08% THD
Frequency response	Below 3Hz to 140kHz —3.0dB
Amplifier type	DC coupled, full complementary symmetry
Total harmonic distortion	0.03% 1kHz at rated output
Intermodulation distortion	0.05% at rated output
Rise time	Better than 2.5 microseconds
Slew rate	>65 volts/microsecond
Phono preamp	4-stage, low noise, low TIM distortion

© beim Hersteller Archiv Michael Otto



hk505 twin powered DC coupled ultrawideband integrated amplifier 60/60 watts

The hk505 has all the features of the hk503, PLUS the following:

FEATURES

- Twin power supply
- Switchable phono capacitance
- Electronic speaker protection outside the feedback loop
- High cut filter (12dB/octave)
- 3-position tape copy switch
- Extremely low dynamic distortion
- Remarkable square wave response and spectral analysis at all frequencies
- Compounded "T" circuit design

POWER AND PERFORMANCE

POWER OUTPUT	60 WATTS MIN RMS PER CHANNEL, BOTH CHANNELS DRIVEN INTO 8 OHMS FROM 20Hz to 20kHz AT LESS THAN 0.06% THD
Frequency response	Below 3Hz to 140kHz -3.0dB
Amplifier type	DC coupled, full complementary symmetry
Total harmonic distortion	0.04% 1kHz at rated output
Intermodulation distortion	0.08% at rated output
Rise time	Better than 2.5 microseconds
Slew rate	>65 volts/microsecond
Phono preamp	4-stage, low noise, low TIM distortion



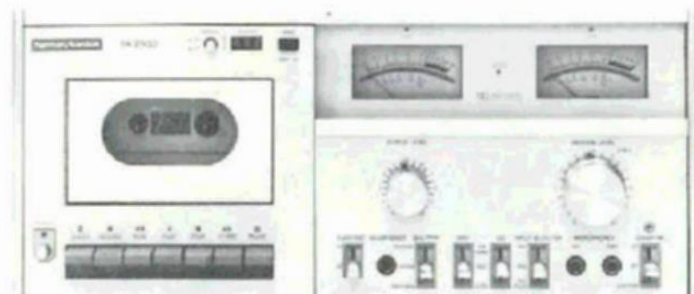
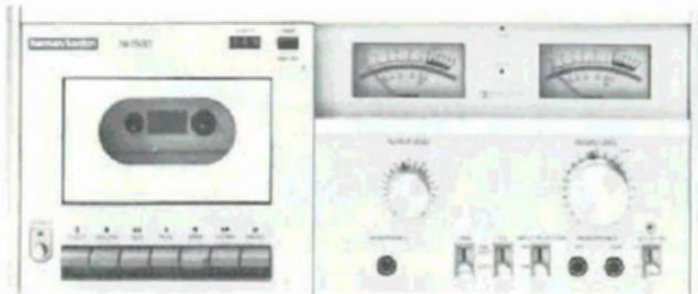
hk500 linear phase ultrawideband AM/FM stereo tuner

FEATURES

- Switchable 25 microsecond deemphasis for Dolby® NR broadcasts
- Multiplex noise filter
- Phase-linear IF section
- Output level control
- Square wave capability through IF section

PERFORMANCE

FM sensitivity (mono)	1.9 μ V
FM noise	-75dB
Capture ratio	1.2dB
IF rejection	-110dB
FM distortion (stereo)	0.08% at 1kHz, 100% modulation
FM selectivity	-75 dB



hk1500 front loading DC servo driven stereo cassette deck with Dolby® noise reduction

hk2500 front loading DC servo driven stereo cassette deck with Dolby® noise reduction
The hk2500 has all the features of the hk1500 PLUS the following:

FEATURES

- Dual permalloy heads
- Headphone and microphone jacks
- On-off Dolby NR switch
- 2-position bias switch
- 2-position equalization switch (EQ)
- Tape motion indicator, record indicator LED
- 2 large peak-reading extended scale meters
- Single record overload LED
- Soft-touch switches, smooth-acting controls
- Automatic shutoff at end of tape
- Hydraulically damped cassette door
- Illuminated cassette area

PERFORMANCE

Wow and Flutter:	
NAB, WRMS	0.06%
DIN 45507 (maximum)	0.12%
Fast forward and rewind	75 sec. (C60)
Frequency response	30Hz to 15.5kHz ±3.0dB (low noise, CrO ₂)
Signal-to-noise ratio	—63dB Dolby NR, IHF 'A' weighted
Heads	1 erase, 1 record/ playback
Motor	DC servo
Meter range	—20 to +5dB

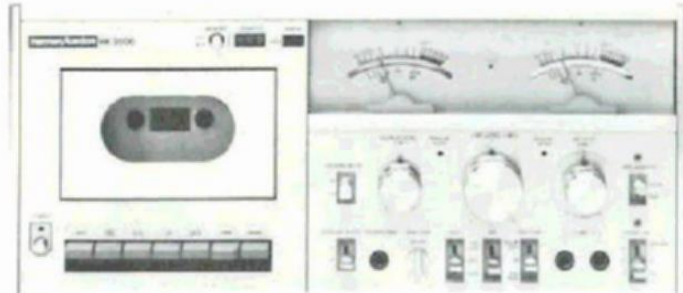
FEATURES

- 3-position Dolby NR switch (mx. filter out)
- 3-position bias switch
- 3-position equalization switch (EQ)
- 3-position bias trim switch
- 3-position input selector with record muting
- Subsonic filter
- Memory rewind
- 2 record overload indicator LEDs
- Flashing record LED in pause mode
- Heavy flywheel, heavy duty motor

PERFORMANCE

Wow and flutter:	
NAB, WRMS	0.06%
DIN 45507 (maximum)	0.12%
Fast forward and rewind	75 sec. (C60)
Frequency response	20Hz to 16kHz ±3.0dB (low noise, FeCr, CrO ₂)
Signal-to-noise ratio	—63dB Dolby NR, IHF 'A' weighted
Heads	1 erase, 1 record/ playback
Motor	DC servo
Meter range	—20 to +5dB

© beim Hersteller
Archiv Michael Ocho



hk3500 front loading dual motor three head stereo cassette deck with Dolby® noise reduction

The hk3500 has all the features of the hk2500, PLUS the following:

FEATURES

Three head (write/read) configuration
 Massive transport flywheel
 Tape monitoring with LED
 Rear panel pitch control with center detent
 Dolby NR record and playback calibration
 Dolby NR test tone generator
 Continuously variable bias trim with tone oscillator, center detent
 Separate line and mic level controls
 Isolated mic/line mixing
 Dual concentric output level control
 Phase compensation in record

PERFORMANCE

Wow and flutter:	
NAB, WRMS	0.05%
DIN 45507 (maximum)	0.10%
Fast forward and rewind	60 sec. (C60)
Frequency response	20Hz to 17.5kHz ±3.0dB (low noise, FeCr, CrO ₂)
Signal-to-noise ratio	—65dB Dolby NR, IHF 'A' weighted
Heads	1 erase, 1 record, 1 playback
Motors	1 DC servo, 1 forward/rewind
Meter range	—40 to +6dB

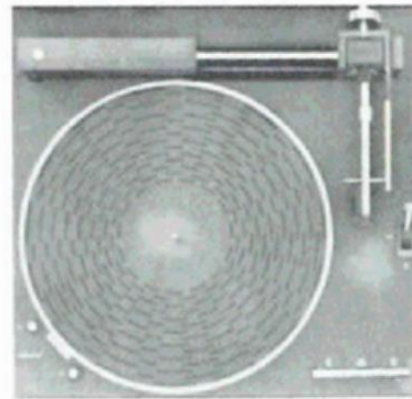
Dual permalloy heads
 Headphone and microphone jacks
 Separate power switch with LED
 On-off Dolby NR switch
 2-position bias switch
 2-position equalization switch (EQ)
 Digital counter with reset
 Tape motion indicator
 Dual concentric record level control
 2-position input selector
 Ganged output level control
 2 large peak-reading extended scale meters
 Record indicator LED
 Dolby NR indicator LED
 Single record overload LED
 Soft-touch switches, smooth-acting controls
 Automatic shutoff at end of tape
 Hydraulically damped cassette door
 Illuminated cassette area
 3-position Dolby NR switch (mx. filter out)
 3-position bias switch
 3-position equalization switch (EQ)
 3-position bias trim switch
 3-position selector with record muting
 Subsonic filter
 Memory rewind
 2 record overload indicator LEDs
 Flashing record LED in pause mode
 Heavy flywheel, heavy duty motor
 Three head (write/read) configuration
 Massive transport flywheel
 Tape monitoring with LED
 Rear panel pitch control with center detent
 Dolby NR record and playback calibration
 Dolby NR test tone generator
 Continuously variable bias trim with tone oscillator, center detent
 Separate line and mic level controls
 Mic/line mixing
 Dual concentric output level control
 Level indicator markers
 Phase compensation in record

© beim Hersteller
 Archiv Michael Otto

hk1500

hk2500

hk3500



ST-8 straight line tracking turntable

FEATURES

- Hall effect motor
- Low-mass tonearm
- Belt-drive platter isolation
- Illuminated stroboscope
- Automatic lift-off
- Damped cueing
- Adjustable feet
- Built-in bubble level
- Touch controls
- Plays records in a straight line...
The way they were cut

PERFORMANCE

Tracking error	0
Skating force	0
Stylus overhang	0
Wow and flutter, NAB weighted	.04%
Rumble, DIN 45539	-65dB
Tonearm mass (effective)	6 gm.
Hum DIN 45544	-76 dB
NAB weighted DIN B	.09%

© beim Hersteller
Archiv Michael Otto

All features and specifications are subject to change without notice.

harman/kardon
55 Ames Court
Plainview, N.Y. 11803