

LISTENING

is a great experience

NIKKO[®] AUDIO

just listen

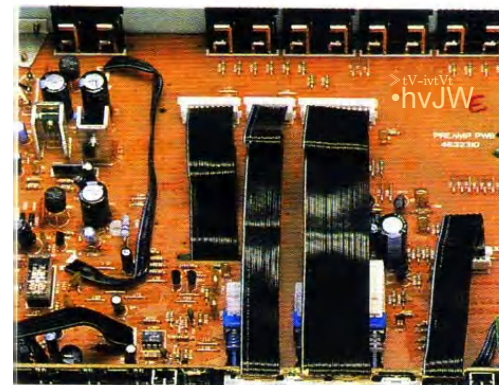
NIKKO AUDIO

PHILOSOPHY

The philosophy of NIKKO is quite simple. "Just listen", NIKKO's program is called — a program worth listening to. The owner of a NIKKO system will be able to concentrate on listening and, will be able to discover a sound world which he may claim as his own. He will be able to develop listening into a fine art.

NIKKO AUDIO is coming back to Europe

with a highly refined and technologically matured program of High Fidelity. With preamplifiers, power amplifiers, integrated stereo amplifiers, audio-video amplifiers, receivers, tuners, equalizers, cassette decks, turntables and CD players which, each in its



NIKKO uses only the most advanced of engineering techniques on the inside i.e. flat ribbon wiring as seen in computers.

Solid and durable craftsmanship, with a full guarantee for 2 years — most NIKKO components have solid aluminum chassis.



turn, provide an optimum of performance as well as "Human Engineering". NIKKO has been, for 30 years, one of the leading and most innovative of Japanese High Fidelity manufacturers. Again and again, NIKKO has, with pioneering inventions, con-

tributed to the present high standard of High Fidelity technology. NIKKO craftsmanship is so exacting that each part is individually tested and re-tested for perfection, the net result is, a microprocessor controlled product able to deliver the finest in the listening art. And, last but not least, the combination of innovative performance oriented technology and solid, extremely closely controlled quality has enhanced NIKKO's worldwide reputation. NIKKO is that sure of the quality of its products, that a 2 year guarantee is granted for all High Fidelity products bearing NIKKO's name, a guarantee covering not only functioning and working life but, also the advertised performance.

A maximum of optimal technology on the inside a minimum of controllers, switches, buttons on the outside: that's NIKKO.

Thus, you may be sure to own the best listening quality your money can buy, without your having to pass a course in High Fidelity Science. Listening is a fine art, your art, NIKKO provides the facilities. NIKKO. Just listen.

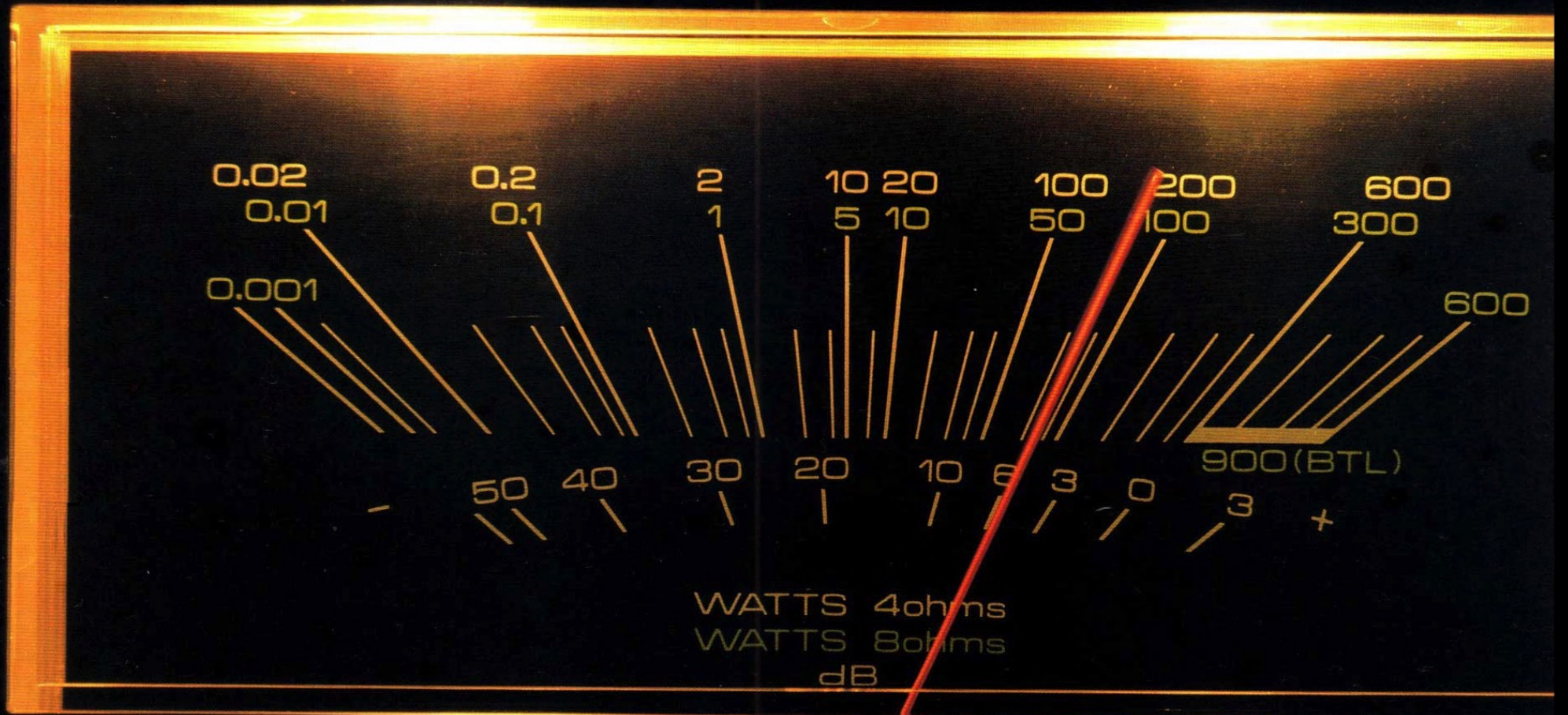


A minimum of controllers, buttons, switches on the outside and clearly defined functions for better usage, as exemplified here by the dual line selector system.

NIKKO AUDIO

PRE & POWER

AMPLIFIER

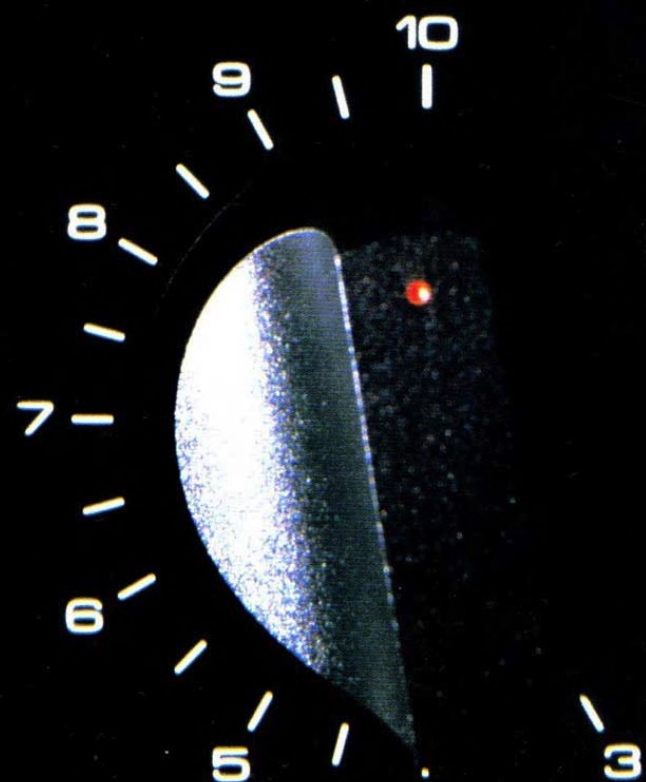


RIGHT

PEAK
RIGHT



100W/8Ω



NIKKO AUDIO

AMPLIFIER

Just because you can't see it, doesn't mean it's not important!

Sometime what you don't see is critical.

NIKKO Amplifiers feature a variety of design elements that not only enhance efficiency, but also add to their overall quality and durability.

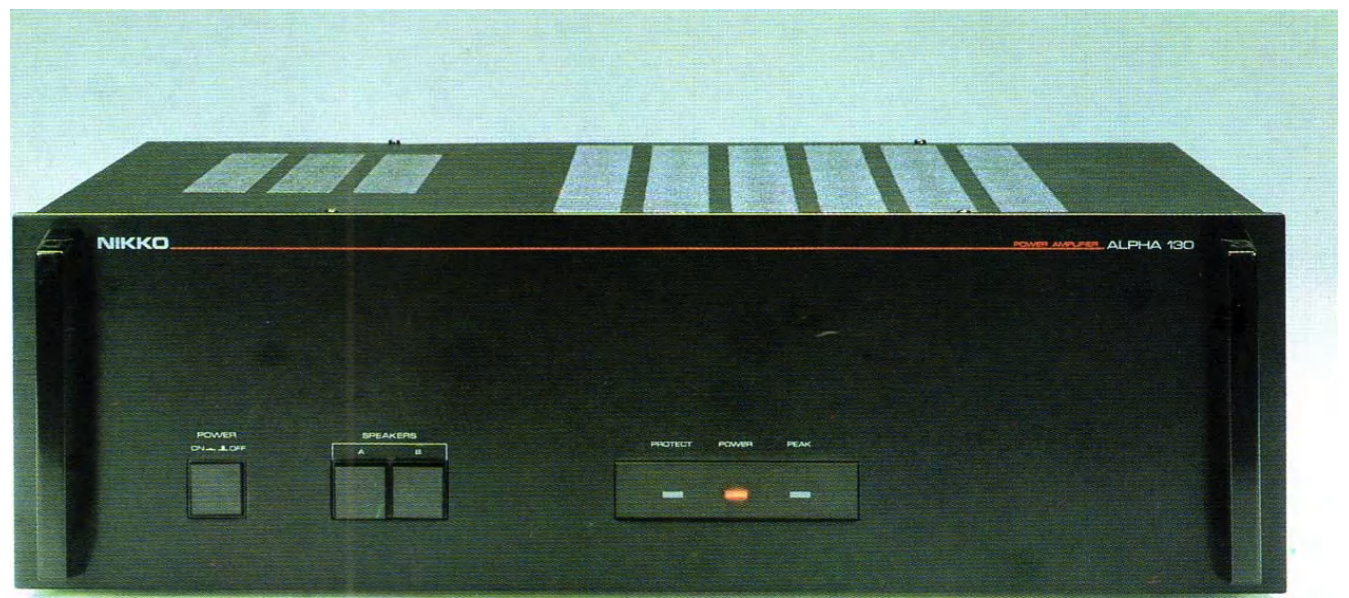
For example, all NIKKO circuitry utilizes computer ribbon wiring, rather than cold-solder joints found in

other lines. This means less wiring, and most importantly, less noise. In fact, grounds between each line, within each computer ribbon wire help to eliminate crosstalk and ensure clean, glasslike, and unadulterated purity of sound.

In addition, all NIKKO amplifiers have oversized power supplies that allow for the extra wide dynamic range that today's digital technology demands!

ALPHA-130

Features a high-speed design for wideband response, and includes a 2-stage differential amplifier circuit. Dual low noise, low distortion FET transistors are employed in parallel, and provide greater power dissipation and higher frequency amplification. Utilizes a hybrid Class AB circuit, which provides for efficient cool operation while assuring true sonic transparency. The impedance selector on the rear panel prevents overheating while maintaining high current capability under varying load conditions. Incorporates the same exclusive protection circuitry found in other NIKKO amplifiers and receivers.

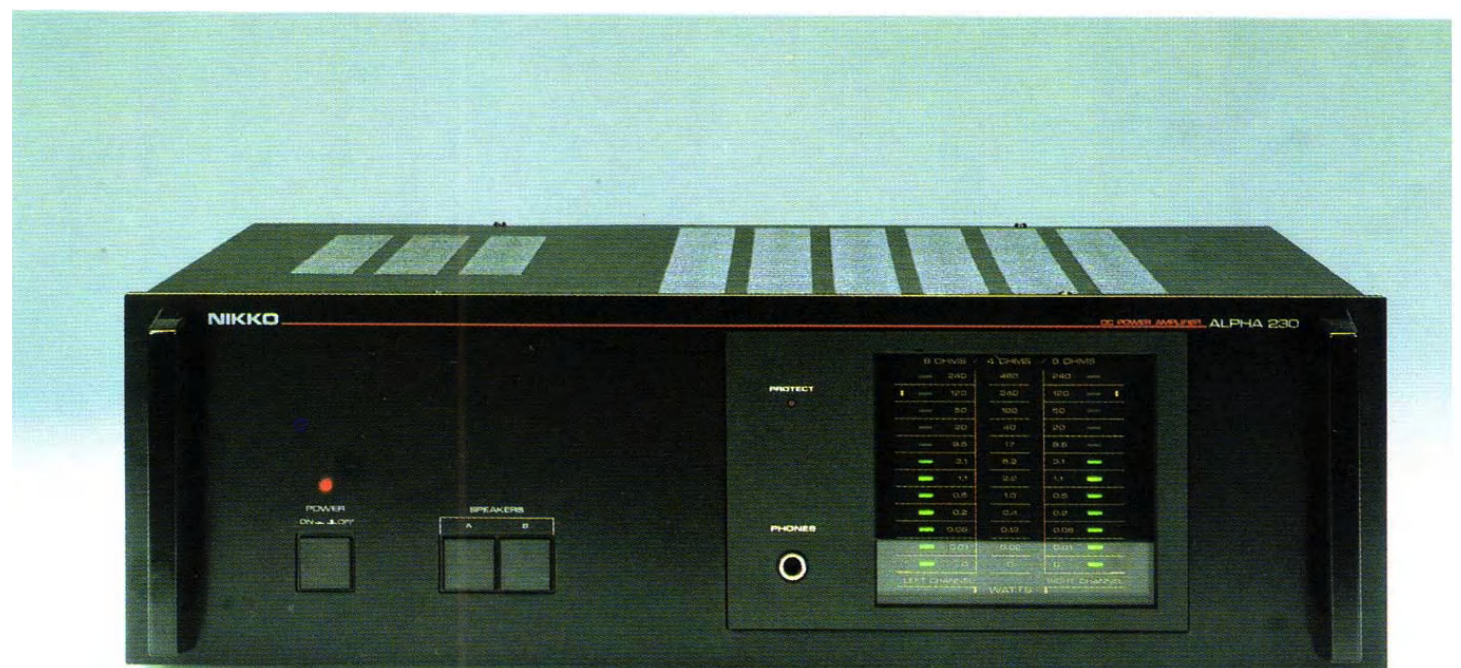


SOCKETS FOR:
4 Speakers
(4-6 and 8-10 Ohm)

ALPHA 230

Clear and pure sound reproduction — with no compromises. The ALPHA 230 drives 220 watt RMS into 8 OHMs with the glasslike clarity that is the characteristic unique to NIKKO Audio.

Easily readable LED Display shows actual power output from 0.01 to 240 watts. With the option of the D. C. input, superior sound quality is attained by extended frequency response, and a very high phase linearity in the bass region. At the input stage of the amplifier, a low noise dual transistor system provides excellent frequency precision. A minimum of distortion and a powerful reserve for dynamic peaks are guaranteed by a newly developed power amplification system employed in parallel. An integrated protec-



tion indicator automatically light up to prevent any damage to amp and speakers by short circuits or power surges.

SOCKETS FOR:
4 Speakers
(4-16 Ohm impedance) •
Headphones

NIKKO AUDIO

AMPLIFIER

ALPHA 450

Features include high-speed bipolar output transistors with a DC servo-feedback loop, non-switching out-put Class A operation, and dual-FET input circuitry. Its toroidal power supply and DC Servo-Lock provide for stable performance and cool operation.

Incorporates NIKKO's exclusive variable bias circuit, which maintains superb sound quality associated with Class A designs, but without their characteristic heat build up and inefficiency. Direct (DC) operating mode switches. Separate input level controls. Relay controlled speaker selectors. It uses DC sensing rush-current protection circuitry with LED power and protection indicators on the front panel.

SOCKETS FOR:
4 Speakers
(4-16 Ohm impedance) •
Headphones



ALPHA-650

Designed specifically for recording studio and sound reinforcement applications, matures dual monaural construction and dual toroidal transformers. It is thermal controlled with a 3-speed fan for constant cool operation. Meters with logarithmically compressed scales assure accurate monitoring. And it is strappable to mono with built-in BTL (Bridged Transformerless) Phase-shifting Network, that enables it to generate more than 650 watts RMS at 8 ohms mono. The hybrid Class AB circuitry assures stable operation below 4 ohms, and incorporates NIKKO's exclusive protection circuitry system. Input is fronted by an FET with a cascaded 2-staged differential circuit. For reduced power supply impedance the unit uses an FET built constant current power supply for input and 2nd stages.



INPUTS:
2 X sets Cannon (XLR) •
2 x 1/4 for Guitar •
2 X RCA

OUTPUTS:
Speakers A + B

NIKKO[®] AUDIO

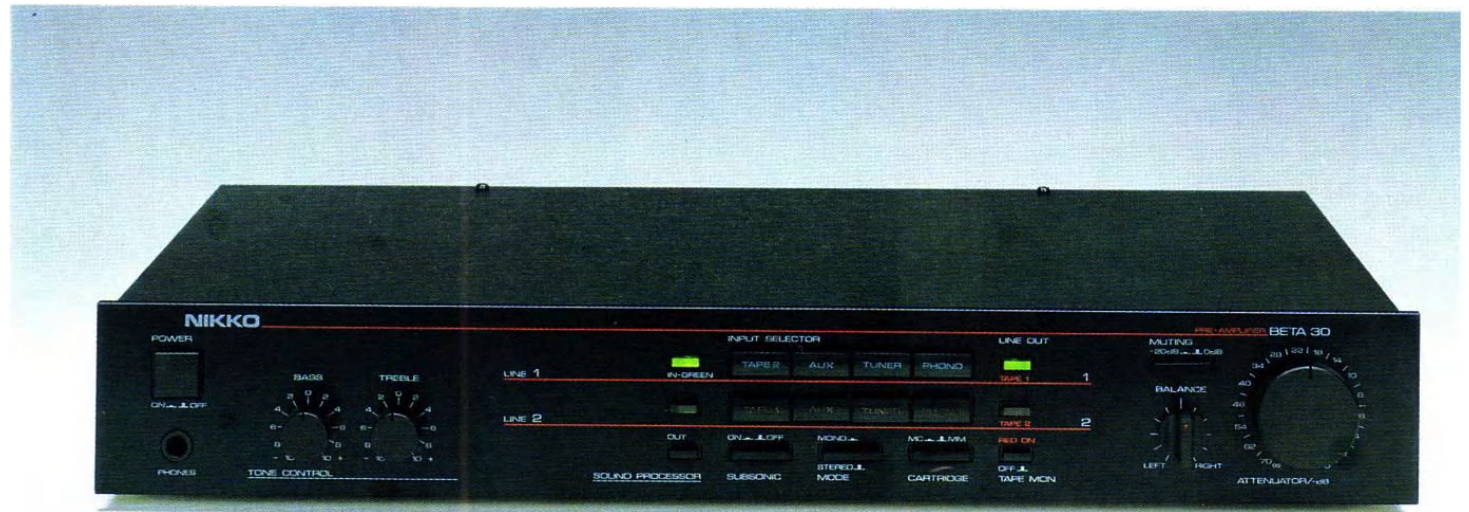
AMPLIFIER

The perfect compliment to the ALPHA Series Amplifiers is the NIKKO BETA Series Preamplifiers. These two preamplifiers provide noise-free, transparently clear and full High Fidelity sound. The objective of NIKKO is to provide listening pleasure as a fine art.

This objective including perfection in professional technology and simplicity of operation by means of clearly arranged displays, is achieved by NIKKO "Human Engineering".

BETA 30 Stereo Preamplifier

On this professional series preamplifier the functions are logically laid out and are simple to use. NIKKO's exclusive Dual Line Selector System (DLSS) enables the user to listen to one input signal while recording from another, also enabling the user to mix from one input signal to the other. Its sound processor loop and bi-directional tape-dubbing capability facilitate multiple taping. Advanced technology eliminates turn-on transients, and computer-ribbon wiring eliminates crosstalk. All front panel controls are mounted directly to circuit boards, and a voltage-regulated power



supply is maintained regardless of AC-line fluctuations. It utilizes a moving-coil head-amp, video, CD inputs, a subsonic filter, and it has a built-in amp for headphone

monitoring.

INPUTS:
 1 X Equalizer • 1 x Tuner •
 2 x Tapes » 1x Aux •
 1 x Phone/MM/MC •
 1 x Headphone

BETA 50 II Preamplifier

Functions are logically laid out and are simple to use, NIKKO's exclusive Dual Line Selector System (DLSS) enables the user to listen to one input signal while recording from another, also enabling the user to mix from one input signal to the other. Its three sound processor loops and bi-directional tape-dubbing capability facilitate multiple taping. An advanced reed relay eliminates turn-on transients, and computer-ribbon wiring eliminates crosstalk. All front-panel controls are mounted directly to circuit boards, and a voltage-regulated power sup-



ply is maintained regardless of AC-line fluctuations. It utilizes a moving-coil head-amp, video CD inputs, a subsonic filter, and it has a built-in amp for headphone monitoring.

INPUTS:
 1 x Phone • 1 x Tuner • 1 x Aux •
 1 x Tape 1 • 1 x Tape 2

OUTPUTS:
 1 and 2 Headphone
 Sound Processor in and out

NIKKO AUDIO

AMPLIFIER



NIKKO AUDIO

AMPLIFIER

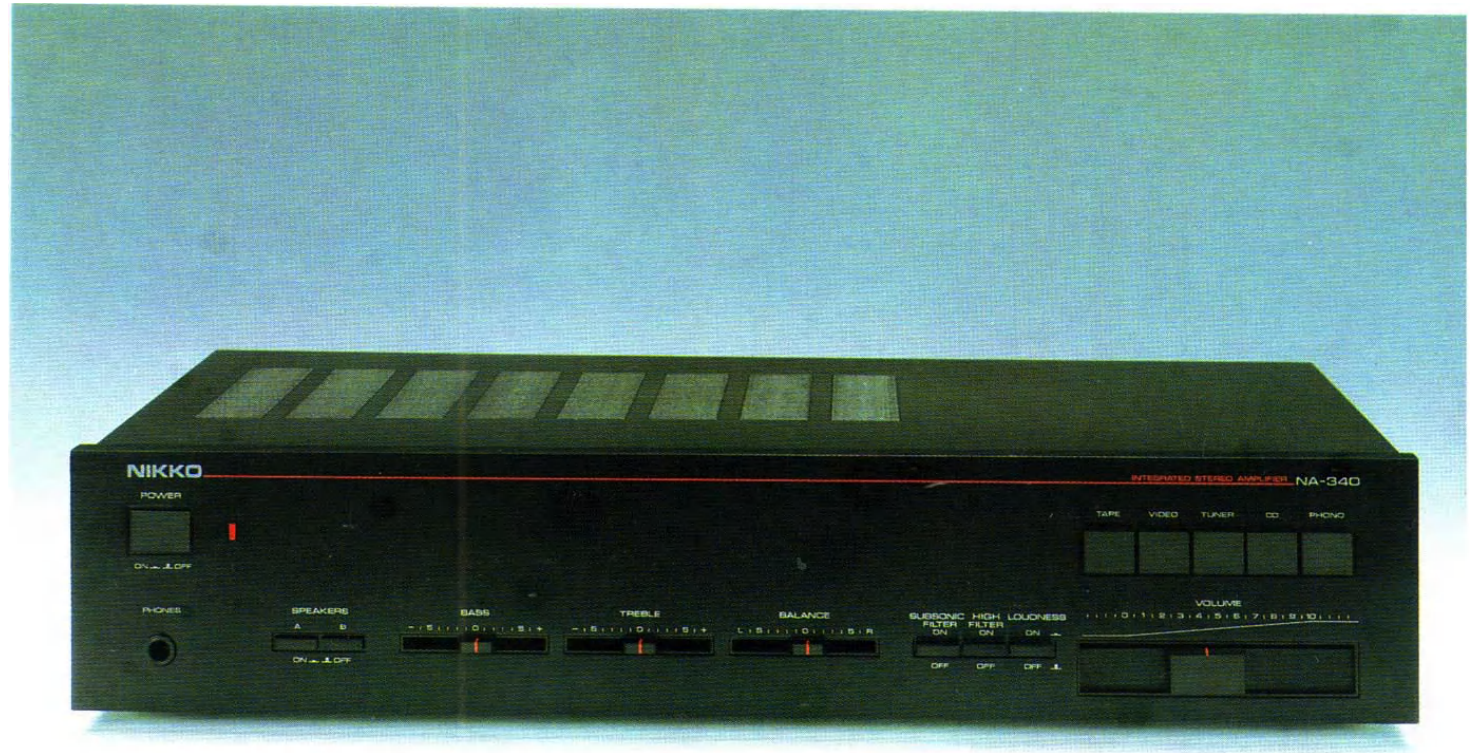
Integrated stereo amplifiers by NIKKO do not compromise the High Fidelity sound quality as do other units which combine functions. Both pre and main amplifier sections are designed to perform with the

same "Human Engineered" perfection as the separate components; the difference being that the convenience factor for the end user is built in.

NA 340 Integrated Stereo Amplifier

This integrated amplifier with 30 watts RMS per channel at 8 Ohms delivers all the features that the young high fidelity enthusiast who discriminates in his or her music listening. This is achieved without compromising the high NIKKO quality. Such functions as subsonic, high filter, and choice of A or B and A and B speaker selection are but a few, on this excellently appointed amplifier.

INPUTS:
TUNER, TAPE • CD/AUX/VIDEO •
PHONO, HEADPHONES •
4 X SPEAKERS



NA540 Integrated Stereo Amplifier

The NA 540 has been designed especially with high performance in mind. Its 48 watts RMS per channel give you ample dynamic range for your compact disc player, and displays its output performance on an LED display on the front panel. The dynamic range allows this amplifier to momentarily double its power output during peaks. Features include: Subsonic, high filter, and three position speaker selection.

INPUTS:
TUNER, TAPE • CD/AUX/VIDEO •
PHONO, HEADPHONES •
4X SPEAKERS



NIKKO AUDIO

AMPLIFIER

NA 700 II Integrated Stereo Amplifier

The NA 700 II offers all the features of the NA 540 and more. A pure 57 watts RMS per channel at 8 Ohms makes your tape, CD, and phono listening sparkle, and not only do you get MM phono but, also MC from an easily operated front panel switch. Again your power output is easily monitored from an LED display telling you your power per channel. Tape dubbing through functions Tape 1 and allows signal to be recorded on deck 1 to deck 2.

INPUTS:
TUNER, TAPE 1 + 2 •
CD/AUX/PHONO MM/MC •
HEADPHONES • 4xSPEAKERS



NA 2000 Integrated Stereo Amplifier

The most powerful of the NA series amplifiers with 100 watts RMS per channel offers the high fidelity connoisseur the ultimate in the listening art. Its features include: Monaural Stereo and wide stages /vitchable continuously through a single knob; Record out selector makes it possible to record any program out from any source; Bi-directional dubbing system makes it easier to dub on the tape interchangeably; Dual speaker selector system; Low harmonic distortion DC power amp system features a high-gain phono-equalizer circuit which permits using MC cartridges plus 3 stage high stability differential circuitry; And NIKKO's dual line selector system.

INPUTS:
TUNER, TAPE 1 + 2 •
CD/AUX/PHONO MM/MC •
HEADPHONES • 4xSPEAKERS



NIKKO AUDIO

AMPLIFIER

The expression A/V or Audio Video has never before had as much meaning as NIKKO has given it. Previously it meant that a manufacturer had put a loop through Video connector, and an audio input, so that you could play the audio signal from your VCR on your stereo. This with the advent of the HiFi VCR was a novel idea, and it was called A/V.

NIKKO has given depth to the meaning of Audio; You can connect not only one VCR but two plus your monitor and NIKKO gives you the unique possibility of Video switching, and sound over possibilities. All this designed continuously with NIKKO "Human Engineering" for The Art of Fine Listening.

NA 950 Integrated Stereo Audio-Video Amplifier

At last an A/V amplifier that takes video seriously! The NA 950 with 65 watts RMS per channel into 8 Ohms, not only gives you NIKKO High Fidelity excellence from any audio source, but enables you to connect two VCR's and a monitor.

This combination allows you to mix any sound source with your original sound track on you video tape i.e. from CD/Tape/Phono or Microphone. Imagine your own commentary applied to your holiday home movie without eliminating your original sound track. Such features as group mix capabilities, image monitor, group mix volume controls, individual sound monitor



output button, and many more make this A/V amp one of the most comprehensive Audio Video integrated amplifiers available.

REAR IN/OUTPUTS:
 VCR 1 (VIDEO IN, AUDIO IN/OUT)
 • VCR 2 (VIDEO IN, AUDIO IN/OUT)
 • MONITOR OUT, TAPE 1 + 2 •
 AUX, TUNER, CD, PHONO MM/MC
 • 4X SPEAKERS

FRONT PANEL INPUTS:
 2 X MICROPHONICS, HEADPHONES
 • VIDEO IN/OUT, VCR AUDIO
 IN/OUT

NA 1050 Integrated Stereo Audio Video Amplifier

This model is the ultimate in A/V ingenuity. The NA 1050 with 105 watts RMS per channel into 8 Ohms delivers everything the NA 950 does and more. You have the same sound over mixing capabilities from any sound source, and to enable you to adjust your sound output more accurately. Features such as 4 slider tone controls, Mic/Line button and Linejack which permits the connection of a musical instrument i.e. guitar. These features all incorporating the traditional NIKKO "Human Engineered" design for your High Fidelity listening and video viewing give the concept of A/V its fullest meaning.



REAR IN/OUTPUTS
 VCR 1 (VIDEO IN, AUDIO IN/OUT) •
 VCR 2 (VIDEO IN/OUT, AUDIO
 IN/OUT) • MONITOR OUT, TAPE
 1 + 2, AUX, TUNER, CD, PHONO
 MM/MC • 4 X SPEAKERS

FRONT PANEL INPUTS:
 2 X MICROPHONES, /HEADPHONES
 • VIDEO IN/OUT, VCR AUDIO
 IN/OUT • GUITAR IN

NIKKO AUDIO

TUNER

PRESET

100.

MHz
kHz
CH

1

NIKKO AUDIO

TUNER

The growth of Stereo FM broadcasts in recent years is the reason quality tuners have become an important part of any stereo component system. NIKKO has put all of their electronic know-how into the development of quality tuners, turning AM/FM Stereo

into an enjoyable High Fidelity experience. With the ultimate in precision tuning, uninterrupted reception and a brilliant sound combined with sufficient muting and sensitivity functions to allow you to have the optimum in sound reproduction.

NT 540

The NT-540 is a fully programmable AM/FM digital tuner, which turns FM broadcasts into true High Fidelity enjoyment, even under the most difficult reception situations; it delivers the best in sound and quality even to AM stations. The NT-540 is equipped with 8 preset stations keys, as well as an auto search function which has a manual mode setting. A luminous digital display shows you AM or FM



selections plus preset station selection, signal strength and auto-search.

NT 950 AM/FM Tuner

The NT 950 is a digital stereo quartz lock AM/FM designed for easy operation, it has 10 presets (10 AM/10 FM) a Hi blend filter button for the elimination of high frequency noise. An IF Band/Narrow button which allows better reception when you have weak or noisy stations.

A special feature is the M-SCAN, which allows you to scan all of your presets in 5 second intervals sequentially. Additionally there is a LED signal strength display, illuminated functions display for



M-SCAN, AM/FM indicator, stereo indicator, memory and preset display.

GAMMA 30

The Gamma 30 is a high quality, quartz-lock, crystal digital frequency, synthesized AM/FM Stereo Tuner.

Assuring drift-free distortion-free listening, it features 14 station presets (7AM/7 FM) with illuminated preset buttons, auto/manual tuning and 4 digit fluorescent display. A pilot canceling 1C removes 19 Khz leakage for better off-air recording. Its IF linear phase ceramic filters improve group-de ay characteristics. A ratio



detector and DC circuitry improves frequency response. And its front panel variables muting threshold eliminates interstation noise as its high blend filter reduces FM noise.

NIKKO AUDIO

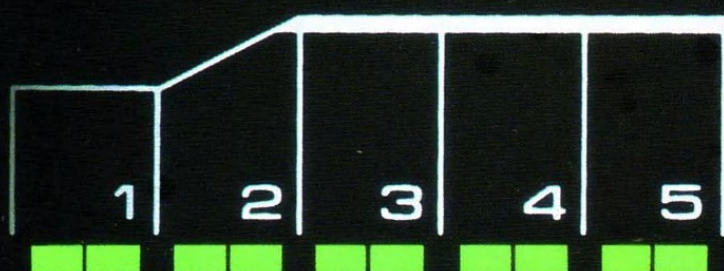
RECEIVER

LEVEL METER

LEFT



SIGNAL



FM MUTE

OFF

STEREO

FM

99.

TUNING MODE

FM MUTING A
ON/OFF

COMPUTER CONTROLLED
AM-FM STEREO RECEIVER

BASS

NIKKO AUDIO

RECEIVER

To incorporate a pre-amplifier, power amplifier and a tuner is the greatest challenge for an electronics manufacturer of Receivers. But the NIKKO technical staff has accomplished this and more. With the NR

series, NIKKO has produced state of the art technology, in a stylish component. Each of the four receivers in this series compliments the rest of your components.

NR 350 AM/FM Stereo Receiver

The NR 350 stereo receiver with 32 watts RMS per channel, incorporates features that are normally only found in high powered receivers, including a subsonic filter, oversize transformers and NIKKO's exclusive circuit protection system. In this model NIKKO has been careful to incorporate its "Human Engineered" design so as to deliver High Fidelity listening to you. The NR 350 has connections for two pairs of speakers, phono, video, CD/Aux inputs plus a Head-phone Jack.



NR 650 AM/FM Stereo Receiver

The NR 650 Digital Synthesizer, 40 watts RMS per channel, stereo quartz-lock receiver with 7 presets (7 AM/7 FM), subsonic filter, 3 gang tuner, oversize transformer, 2 tape monitors and dubbing, Phono, CD/Video inputs, an FM muting switch, a one touch push-button input selector with signal display and loudness contour. All of these features demonstrate NIKKO's dedication in Audio technological progress.



NIKKO[®] AUDIO

RECEIVER

NR 850 AM/FM Stereo Receiver

The NR 850 Infra-Red Remote 65 watts RMS per channel stereo receiver utilizes completely discrete circuitry with oversize transformers and computer ribbon wiring. With CD, TV, and 2 Video inputs for VCR-to-VCR audio dubbing, 20 station preset (10 AM/10 FM), and 2 tape monitors for bi-directional dubbing. Stand-by switch. Audio muting. Its present volume with indicator

EDs assures that the volume is at the proper level when power is activated from a remote source. A microprocessor monitors and controls all input/output functions on this component.

The hand-held remote module controls power on/off, volume, treble and bass, balance, audio mute and function switching. Also incorporates an advanced 4-gang tuning system with Quartz-Lock digital-synthesized cir-



cuitry and a variable FM muting threshold level. It is able to accommodate as many sound processors as desired without tying up the tape monitors via the processor insert. Complete with a moving-coil cartridge head amp, loudness contour, tone defeat, and auto/manual

and preset tuning, this remote controlled receiver exhibits audiophile quality throughout.

NR 1050 AM/FM Remote Controlled Stereo Receiver

NIKKO's ultimate receiver is the NR 1050 with 105 watts RMS per channel is unsurpassed in its available audio power and ease of operation. This highly sophisticated unit is controlled by a microprocessor and all functions can be performed by the remote control unit.

The NR 1050 is the Big Brother of the NR 850, but with substantially more audio power and with dual line functions, allowing you to listen to one source while recording another. In addition the digital tuner will scan channels forward and reverse.

The NR 1050 comes equipped with, 1 phono, 2 tapes, 1 CD, and 1 Video inputs as well as connections for 2 pairs of speakers.



NIKKO AUDIO

TURNTABLE

CD-PLAYER

DISC 00 TRACK 00
TOTAL REMAIN TIME 00:00
REPEAT A ↔ B SPACE PROG. IN

OPEN/CLOSE



COMPACT
disc
DIGITAL AUDIO

NIKKO[®] AUDIO

TURNTABLE

The old classics on LP will always be a cherished part of any music collection. It would be a pity to disregard these treasures in preference of the more advanced music recording mediums. These old favorites need a turntable that will do justice to their status.

NIKKO turntables are designed so that you may enjoy your music in correct reproduction for as long as you own the record.

P-5 A Semi Automatic, Direct Drive Turntable

NIKKO's best turntable is equipped with a straight tone arm, that includes a magnetic cartridge and highly effective anti-skating device. The oversized, heavy aluminum platter is driven by a highly precise direct drive motor that is adjustable to the finest degree. The semi-automatic function gives the user convenience without complexity.



P-3 A Semi-Automatic, Belt Drive Turntable

NIKKO's P3 has a straight tone arm, equipped with a high quality magnetic cartridge, and a T4P system. The platter has a diameter of 300 mm and is covered by a special matting designed to extend the life of records. Semi-automatic functions include: Speed selection (33/45), tone arm replacement, and motor shut off when a recording is completely finished.



NIKKO[®] AUDIO

CD-PLAYER

With the introduction of CD TECHNOLOGY, High Fidelity audio entered a new realm of perfection in sound reproduction. The compact disc is here to stay, and has become an indispensable component of all

music systems. NIKKO CD players offer all the advantages of flawless playback to a vast number of programming functions.

CD 300 Compact Disc Player

NIKKO's CD 300 utilizes a sub-chassis construction to enhance stability. A 16 bit D/A converter utilizing an Oversampling Pick-up System, and with a 3-beam laser provides absolute precision pick-up. By means of a digital filter and an electronic error correction CIRC guarantees music reproduction without phase deviation or distortion.

The CD 300 has a 16 track programmable memory. This, along with other features including repeat, forward and backward search, index forward and backward, and pause makes the CD 300 a valuable addition to any music system.



CD 500 Compact Disc Player

NIKKO's CD 500 achieves its highest level of digital Audio excellence. Employing a 3 beam laser for optimum, and a special servo pick-up function provides optimum error correction with overall stability in the pick-up process. Digital filters with double resolution power provide sound purity without phase deviation and distortion. Functions include, a 16 track programmable memory, forward and backward search, forward and backward index, repeat, pause, and remote control. These functions, unmatched technological pick-up and error correction, and an easily read display, make this component a "Blue Chip" acquisition for any High Fidelity Audio consumer.



NIKKO AUDIO

CASSETTE

DECK



3AD

MOTOR IC LOGIC

SILENT MECHANISM

NIKKO AUDIO

CASSETTE

DECK

NIKKO has recognized that which is normally the weakest part of the audio system, the cassette deck. In order to improve this weak point and bring it up to the high standards set by NIKKO for all its High Fidelity products, NIKKO turned to the professionals who really know recording on audio tape. Name the professional sound studios. To bring you this same

high standard of quality NIKKO has painstakingly designed its cassette deck components with the utmost care. The result has been, NIKKO has developed a range of decks that are all of the same quality. The only difference being, as you go up in the range more features are added. Professional studio quality is kept throughout.

D 35 Cassette Deck

NIKKO's base studio quality cassette deck, the D 35 has a frequency response of 30-17,000 Hz with metal tape. It's features include Dolby B and C, headphone and external timer capabilities, 2 heads, 2 mic inputs and headphone input. This unit is the basic standard bearer of NIKKO's cassette deck line-up.



D 80 II Cassette Deck

The D 80 II auto reverse microprocessor controlled professional studio deck epitomizes NIKKO's "Human Engineering" and high quality. It features: Multi tape counter/real time display; Random program song selection (RPSS) display, up to 19 different selections; Blank skip; MPX filter; Dolby B and C, DBX noise reduction; fine Bias adjustment. The D 80 II in addition features an autospacer function which will automatically insert spaces between songs and with the blank skip button a blank portion of more than 10 seconds is detected the tape skips to the next song. The auto reverse system in this deck is such that it will give the quickest possible head switching thus ensuring accurate head alignment in both directions.



NIKKO AUDIO

CASSETTE DECK

D-100 III Cassette Deck

The D-100 III auto-reverse deck is the premier cassette deck that NIKKO manufactures. With automatic bias programming system, which will automatically calibrate the level and bias parameters, assuring optimum performance. Direct program song selection allows you direct access of any one tune recorded, either from the beginning or end of the tape. Random program song selection, allows programmed playback of up to 10 selections in any order. As well as a real time/tape counter allowing you both functions simultaneously. The D-100 III has three heads, two motors, and a dynamic range of 20-21,000 Hz, wow and flutter of 0.03%, Dolby B and C, DBX, and a MPX filter system. Making this particular cassette the choice of many audiophiles and professionals.



NIKKO AUDIO

CASSETTE DECK

D 30W Double Cassette Deck

This cassette deck has managed to dispel the theory that double decks must inherently be lower in quality. NIKKO has built in its studio standard even in its double decks. The D 30W which features "A" side as the slave and "B" as the record/playback side; has continuous playback; Auto Bias adjustment; MPX filter, Dolby B and C noise reduction; Record mute function. Soft touch controls facilitate quick and easy operation.



D-60W Double Cassette Deck

NIKKO's top model double deck will not disappoint you. Its specifications compare with the best of the single cassette decks. For example, a frequency response of 25-20,000 Hz with metal tape and a signal to noise ratio of 78 db with Dolby C on. 2 DC-Servomotors and 4 DC-Motors enable the D-60W to cope better with continuous play and high speed dubbing. Dolby B and C noise reduction, automatic blank skip along with 19 selection programability. NIKKO has delivered a double cassette deck that can complement your NIKKO system without compromise.



NIKKO AUDIO

EQUALIZER

FREQUENCY/Hz

15

20

25

31

+dB

12

10

8

6

4

2

0

2

4

6

8

10



NIKKO AUDIO

EQUALIZER

Every room is different, with different acoustic conditions. To balance frequencies from low to high giving the home stereo system the same "flat graph" as is found in professional sound studios, the use of a quality equalizer is needed. This same equalizer should also be easily operated, providing the user with a convenient method of "tailoring" the sound from

his system to the acoustic arrangement of the room. NIKKO, in developing its equalizers, has fulfilled these requirements, presenting the consumer with a variety of features to choose from.

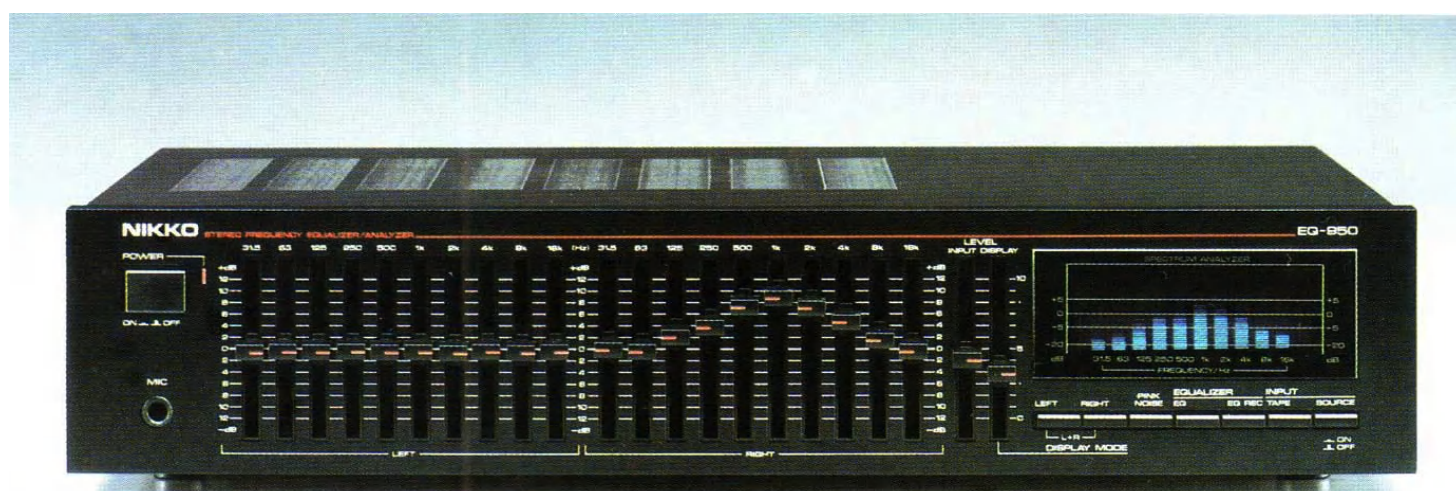
EQ 540

This 9 band graphic equalizer is equipped with illuminated frequency response display. Total harmonic distortion is minimal reaching no higher than 0.005%, with a range of control of ± 1.2 db.



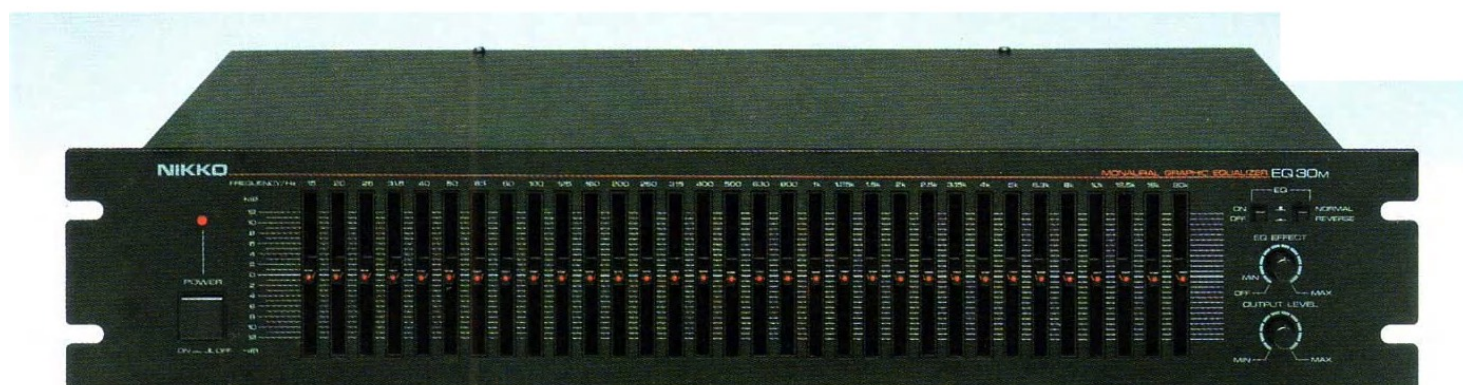
EQ 950

This ten-band graphic equalizer is equipped with a spectrum analyzer, and a pink noise generator. Utilizing these, one can measure (by utilizing the microphone included) the acoustic deficiencies caused by walls, furniture, carpet, etc. These deficiencies can then be adjusted to achieve a studio quality, listening environment.



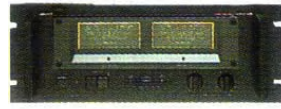
EQ 30M

This equalizer features 30 bands of equalization that permit total control over speaker characteristics and program material while compensating for room resonances and standing waves. It allows up to 10 db boost or cut at 1/3 octave intervals with a signal-to-noise ratio of more than 100 db.



NIKKO AUDIO

SPECIFICATIONS



ALPHA 650



ALPHA 450



ALPHA 230



ALPHA 130

Power-output 4 Ohm (DIN)	2x350 W	2 x 300 W	2x200W	2 x 1 50 W
Power-output at 8 Ohm, 20—20,000 Hz	2x300 W	2x220 W	2x 120 W	2x 100 W
Distortion	0.008%	0.008%	0.008%	0.003%
Intermodulation at rated power	0.008%	0.008%	0.008%	0.003%
Dynamic headroom	3 dB	3 dB	3 dB	3 dB
Frequency response	0-100,000 Hz +0, -1 dB	0-100,000 Hz +0, -0.5 dB	0-100,000 Hz +0, -0.5dB	5-100,000 Hz +0, -0.5dB
Input-sensitivity	1 V/50 kOhm	1 V/50 kOhm	1 V/50 kOhm	1 V/5kOhm
Damping	150	150	70	50
Signal to noise ratio	1 20 dB	1 20 dB	1 15dB	11 5 dB
Dimensions (WxHxD)	482x 182x465 mm	482 x 1 82 x 460 mm	440 x 1 38 x 344 mm	440 x 1 38 x 344 mm
Weight	27.5 kg	21.5 kg	13.5 kg	13 kg



BETA 50 II



BETA 30

Amplifier		BETA 50 II	BETA 30
Input sensitivity:			
Phone MC		0.25 mV/1 00 Ohm	0.25 mV/1 00 Ohm
Phone MM		2.5 mV/47 kOhm	2.5 mV/47 kOhm
Tuner, CD, AUX		1 50 mV/47 kOhm	150 mV/47 kOhm
Tape		150 mV/47 kOhm	1 50 mV/47 kOhm
Output/Impedance:			
Pre Out		1 V/560 Ohm	1 V/560 Ohm
Tape Rec out		1 50 mV/2.2 kOhm	1 50 mV/2.2 kOhm
Frequency response:			
Phone MC		20-20,000 Hz ±0.5 dB	20-20,000 Hz ±0.5 dB
Phone MM		20-20,000 Hz ±0.5 dB	20-20,000 Hz ±0.5 dB
Tuner, CD, AUX, Tape		10-50,000 Hz +0, -1 dB	10-50,000 Hz +0, -1 dB
Signal to noise ratio:			
Phone MC		70 dB	70 dB
Phone MM		88 dB	88 dB
Tuner, AUX, Tape		100 dB	100 dB
Overload:			
Phone MC		20 mV	20 mV
Phone MM		200 mV	200 mV
Distortion:			
Phone MC		0.006%	0.006%
Phone MM		0.004%	0.004%
Dimensions (WxHxD)		482 x 70 x 258mm	440 x 70 x 258 mm
Weight		5 kg	3.8 kg



EQ 30M



EQ 50



EQ 540

Equalizer		EQ 30M	EQ 50	EQ 540
Center frequencies		32-Band Mono 1 6 Hz, 20 Hz, 25 Hz, 31,5Hz, 40 Hz, 50 Hz, 63 Hz, 80 Hz, 100Hz, 1 25 Hz, 160 Hz, 200 Hz, 250Hz, 315Hz, 400Hz, 500 Hz, 630 Hz, 800Hz, 1 kHz, 1 .25kHz, 1 ,6kHz, 2kHz, 2.5kHz, 3.15kHz, 4kHz, 6.3kHz, 8kHz, 10kHz, 12.5kHz, 16kHz, 20kHz	1 O-Band Stereo mit Spektrum-Analizer 31 .5 Hz, 63 Hz, 125 Hz, 500 Hz, 1 kHz, 2 kHz, 4 kHz, 8 kHz, 16 kHz	9-Band Stereo mit Spektrum-Analizer 63 Hz, 125 Hz, 250 Hz, 500 Hz, 1 kHz, 2 kHz, 4 kHz, 8 kHz, 16 kHz
Frequency response		10 Hz-100 kHz ±1 dB	10 Hz — 100 kHz ±1 dB	10 Hz-100 kHz ±1 dB—2DB
Distortion		0.005%	0.004%	0.005%
Signal to noise ratio		>100 dB	>100 dB	>100 dB
Control range		±12 dB	±12 dB	±12 dB
Output control		0 bis—20 dB		
Dimensions (WxHxD)		482 x 92 x 231 mm	440 x 96 x 27 mm	440x70.5x270 mm
Weight		4.5 kg	3.8 kg	3.3 kg

NIKKO AUDIO

SPECIFICATIONS



Integrated Amplifier

	NA 340	NA 540	NA 700 II	NA 2000
Power output 4 Ohm (DIN)	2 x40 W	2x60 W	2x70 W	2x 120 W
Power output at 8 Ohm, 20—20,000 Hz	2x30 W	2x48 W	2x57 W	2x100 W
THD at rated power	<0.08%	<0.06%	<0.03%	<0.01%
Intermodulation at rated power	<0.08%	<0.08%	<0.03%	<0.01%
Damping (1 kHz, 8 Ohm)	35	>35	50	50
Input sensitivity, Impedance:				
Phone MM	2.5 mV, 47 kOhm	2.5 mV, 47 kOhm	2.5 mV, 47 kOhm	2.5 mV, 47 kOhm
Phone MC			0.25 mV, 100 Ohm	0.25 mV, 100 Ohm
CD, AUX, Tuner	140 mV, 30 kOhm	150 mV, 30 kOhm	150 mV, 39 kOhm	150 mV, 47 kOhm
Tape 1 +2, Video 1 +2	140 mV, 30 kOhm	150 mV, 30 kOhm	150 mV, 39 kOhm	150 mV, 47 kOhm
Phone-overload	140 mV	140 mV	150 mV	150 mV
Tone control:				
Bass	±9 dB, 70 Hz	±9 dB, 70 Hz	±8 dB, 70 Hz	±8 dB, 70 Hz
Treble	±8 dB, 10kHz	±8 dB, 10kHz	±8 dB, 10kHz	±8 dB, 10 kHz
Subsonic	15 Hz, 6 dB/Oct	15 Hz, 6 dB/Oct	15 Hz, 6 dB/Oct	15 Hz, 6 dB/Oct
Frequency response	20-20,000 Hz ±1 dB	20-20,000 Hz ±1 dB	20-20,000 Hz ±1 dB	10-100,000Hz +0dB -2 —
Signal to noise ratio:				
Phone MC			68 dB	68 dB
Phone MM	75 dB	75 dB	88 dB	88 dB
CD, AUX, Tuner, Tape	100 dB	100 dB	100 dB	105 dB
Dimensions (WxHxD)	440 ×92 X 265 mm	440 ×92 X 265 mm	440 ×96 X 330 mm	440 ×1 1 8 X 379 mm
Weight	5.5 kg	6 kg	7.5kg	10 kg

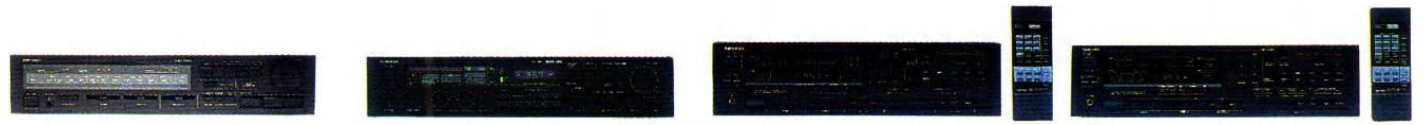


Integrated Amplifier

	NA 950	NA 1050
Power output 4 Ohm (DIN)	2x75 W	2x105 W
Power output at 8 Ohm, 20—20,000 Hz	2 x65 W	2 X105W
THD at rated power	<0.03%	<0.03%
Intermodulation at rated power	<0.05%	<0.03%
Damping (1 kHz, 8 Ohm)	>40	>40
Input sensitivity. Impedance:		
Phone MM	2.5 mV, 50 kOhm	2.5 mV, 50 kOhm
Phone MC	0.25 mV, 100 Ohm	0.25 mV, 1 00 Ohm
CD, AUX, Tuner	150 mV, 40 kOhm	150 mV, 40 kOhm
Tape 1 +2, Video 1 +2	150 mV, 40 kOhm	150 mV, 40 kOhm
Phone-overload	150 mV	150 mV
Tone control:		
Bass	±12 dB, 70 Hz	±12 dB, 55+150 Hz
Treble	±12 dB, .10 kHz	±12 dB, 5+12 kHz
Subsonic	15 Hz, 6 dB/Oct	15 Hz, 6 dB/Oct
Frequency response	20-20,000 Hz+0 dB- 1 dB	20-20,000 Hz +0 dB - 1 dB
Signal to noise ratio:		
Phone MC	70 dB	70 dB
Phone MM	88 dB	88 dB
CD, AUX, Tuner, Tape	100 dB	100 dB
Dimensions (WxHxD)	440x110x375mm	440X 1 10X375 mm
Weight	9.8 kg	11.5 kg

NIKKO AUDIO

SPECIFICATIONS



Amplifier:

A Ohm Poweroutput (DIN)	2x40 W	2x60 W	2x90 W	2 X 120 W
Poweroutput at 80hm, 20—20,000 Hz	2x32 W	2x40 W	2x65 W	2x 105 W
THD at rated power	<0.08%	<0.05%	<0.05%	<0.03%
Frequency response	20-20,000 Hz ±1 dB	20-20,000 Hz ±1 dB	20-20,000 Hz ±1 dB	20-20,000 Hz ±0.5 dB
Single to noise ratio (IHF-A)	100 dB	100 dB	100 dB	100 dB
Tuner:				
Sensitivity				
FM	2/A/, 11.2 dBf	2/A/, 11.2 dBf	1.9/A/, 11 dBf	1.9/A/, 11 dBf
AM	30/A/	30/A/	30/A/	30/A/
50 dB Quieting Sensitivity:				
FM Mono	13.2 dBf	13.2 dBf	14 dBf	14 dBf
FM Stereo	35.2 dBf	20 dBf	35 dBf	35 dBf
Selectivity	55 dB	60 dB	60 dB	60 dB
FM selection	1.5dB	1.5dB	1.5dB	1.5 dB
Signal to noise ratio:				
FM Mono	75 dB	75 dB	75 dB	75 dB
FM Stereo	70 dB	65 dB	65 dB	65 dB
Distortion				
FM Mono	0.1%	0.1%	0.1%	0.1%
FM Stereo	0.2%	0.2%	0.2%	0.2%
Stereo channel separation	45 dB	45 dB	50 dB	50 dB
General :				
Dimension (WxHxD)	440 X 96 X 300 mm	440x96x307 mm	440X 110x375 mm	440X 110x375 mm
Weight	5.8 kg	6.2 kg	10kg	12 kg



NT 950

NT 540

Gamma 30

Usable sensitivity:			
FMOHF 75 Ohm)	2/A/, 11.2 dBf	1.46/A/, 14.2 dBf	2/A/, 11.2 dBf
AM	30/A/	30/A/	30/A/
50 dB Quieting sensitivity:			
FM Mono	22.2 dBf	20 dBf	14 dBf
FM Steres	39.2 dBf	-	20 dBf
Selectivity	60 dB	60 dB	60 dB
FM-selection	1.5 dB	1.5 dB	1.5 dB
Image frequency damping:			
FM	90 dB	90 dB	90 dB
AM	40 dB	40 dB	40 dB
IF-damping:			
FM	90 dB	90 dB	90 dB
AM	40 dB	40 dB	40 dB
Signal to noise ratio:			
FM Mono	75 dB	75 dB	75 dB
AM Stereo	70 dB	65 dB	70 dB
AM	50 dB	50 dB	50 dB
Distortion:			
FM Mono	0.06%-	0.08%	0.08%
FM Stereo	0.08%	0.1%	0.1%
AM	0.5%	0.7%	0.7%
FM frequency response	50-18,000Hz±1 dB-	2 dB 50-18,000 Hz ±1.5dB	50-18,000 Hz ±1.5 dB
Stereo separation	50 dB	45 dB	45 dB
FM Muting	32.5 dBf	31.2 dBf	0—35 dBf
Antenna input	75 + 300 Ohm	75 + 300 Ohm	75+300 Ohm
Dimension (WxHxD)	440X43.5x265 mm	440x43.5x265 mm	482 x70x 300 mm
Weight	3.3 kg	3.2kg ~	4 kg

NIKKO AUDIO

SPECIFICATIONS



D 100 III



D 80 II



D 60 W

Wow and Flutter (WRMS)	0.03%	0.05%	0.03%
Frequency response:			
Metal	20-21,000 Hz	20-19,000 Hz	20-20,000 Hz
High	20-20,000 Hz	20-18,000 Hz	20-19,000 Hz
Normal	20-18,000 Hz	20-17,000 Hz	20-18,000 Hz
Signal to noise ratio:			
with Dolby C	80 dB	74 dB	78 dB
with dbx	92 dB	90 dB	-
Input sensitivity/Impedance:			
Line	87 mV, 4 kOhm	60 mV, 50 kOhm	60 mV, 50 kOhm
Output/Impedance:			
Line	0.43 V, 50 kOhm	0.3 V, 50 kOhm	0.3 V, 50 kOhm
Heads	3	2	3 "x"
Motors	DC-Servomotor 2 DC-Motors	DC-Servomotor -1-1 DC-Motor	2 DC-Servomotors 4 DC-Motors
NR System	Dolby B/C, dbx	Dolby B/C, dbx	Dolby B/C "
Dimensions (WxHxD)	435x118x290 mm	435 x 120 x 265 mm	435 x 111 x 290 mm
Weight	5.8 kg	5 kg	5.5kg



D 35 W



D 35

Cassette-Deck

Wow and Flutter (WRMS)	0.06%	0.06%
Frequency response:		
Metal	30-17,000 Hz	30-17,000 Hz
High	30-16,000 Hz	30-16,000 Hz
Normal	30-15,000 Hz	30-15,000 Hz
Signal to noise ratio:		
with Dolby C	70 dB	70 dB
with dbx	-	-
Input sensitivity/Impedance:		
Line	60 mV, 50 kOhm	98 mV, 50 kOhm
Output/Impedance: "		
Line	0.5 mV, 50 kOhm	0.54 mV, 50 kOhm
Heads	3	2 "
Motors	2 DC-Servomotor	DC-Servomotor
NR System	Dolby B/C	Dolby B/C
Dimensions (WxHxD)	435x 122x273 mm	435 X 120x230 mm
Weight	4.6 kg	4kg



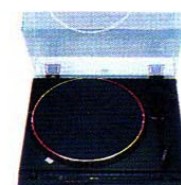
CD 500



CD 530

CD-Player

Frequency response	4-20,000 Hz + 0.5 dB - 1 dB	20-20,000 Hz ±0.5 dB
Signal to noise ratio	100 dB	>90 dB
Dynamic range	>100 dB	>100 dB
Channel separation	92 dB	90 dB
Wow and Flutter (WRMS)		
Distortion	0.003%	0.005%
Dimensions (WxHxD)	435x94x290 mm	420x85x290 mm
Weight	4.8 kg	3.9 kg
Outfit	1 6 bit, 2-fach Oversampling	1 6 bit, 2-fach Oversampling



P 5



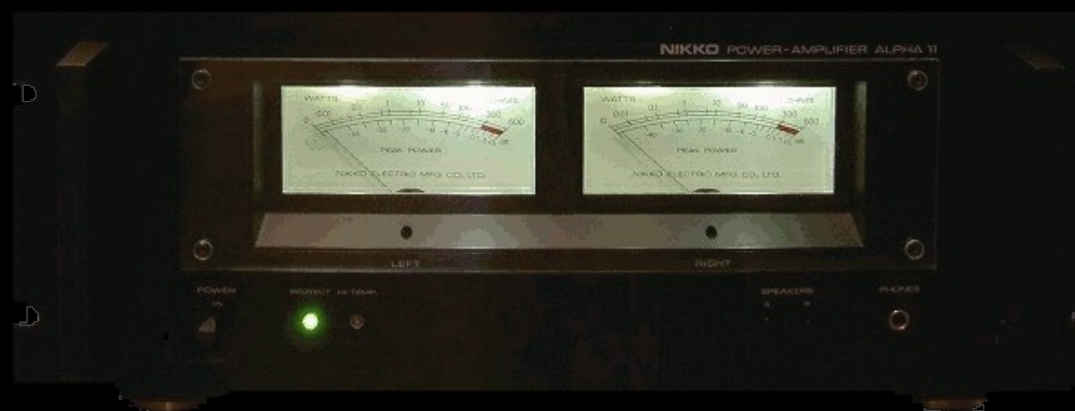
P 3

Turntables

Concept		
Turntable	31 cm	30 cm
Wow and Flutter (WRMS)	0.05%	0.08%
Signal to noise ratio	70 dB	65 dB
Tonearm	gerader Arm	gerader Arm
Effective tonearm length	222 mm	222 mm
Usable cartridge weight	4—6.5 kg	T4P
Cartridge	MM	MM
Dimensions (WxHxD)	420x 116x362 mm	420x99x337 mm
Weight	5.5 kg	2 8 kg
Outfit	Sub-Chassis	

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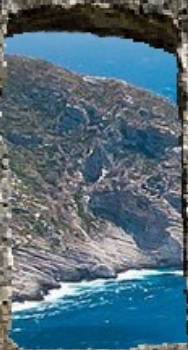
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