

Quality Music, Quality Pressings, Quality Sound

Nautilus Recordings

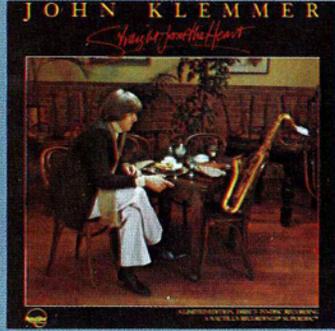
Direct-to-Disc

Digital



First In Line Randy Sharp

FIRST IN LINE is an extraordinary combination of talents. Randy Sharp, the featured singer/songwriter, is accompanied by the finest rock and studio musicians in the industry in this rock release. There are some sensitive ballads, country rock and rock pieces. This is the only direct-to-disc release featuring rock material using multi-mike techniques. The result is a very dramatic album with exceptional frequency response as well as being an enjoyable listening experience.



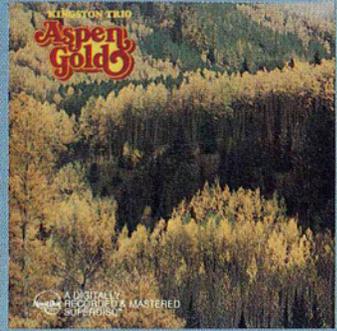
Straight from the Heart John Klemmer

John is one of the most recognized sax musicians in the contemporary music field. There are superb pieces on this album that make this release one of the finest examples of John's music to date. The spontaneity, excitement and dynamics are especially noteworthy. Never has the Cole Porter song, "Summertime," sounded so beautiful. STRAIGHT FROM THE HEART is a true "collector's" edition for all John Klemmer fans.



Reaching for the Top Chico Hamilton

REACHING FOR THE TOP is one of those rare performances by an artist that captures the essence of true "genius." Chico is a veteran jazz performer, and this traditional jazz direct-to-disc album captures him and his group at their finest. This is a special album to Nautilus as only 15,000 albums will ever be available for world distribution. The music, the dynamics and the very limited quantities of this direct-to-disc recording make REACHING FOR THE TOP a collector's prize.



Aspen Gold Kingston Trio

For over 11 years now, the Kingston Trio has toured throughout the world. This digital recording is their first album in over a decade, and the Trio's fans now have something to rave about. There are old favorites like "MTA/Tom Dooley" and "Greenback Dollar" as well as new songs like "Aspen Gold" and "Longest Beer of the Night." For those of you who remember the Trio, there are some surprises in store; this will become a rare and enjoyable adventure.

NR 1 DD NR 4 DD NR 13 DD NR 2 DGT

Half-Speed Master



Rumours Fleetwood Mac

Mention Fleetwood Mac and the reaction is always the same: they're incredible performers. No matter what they do, their fans keep crying for more. Over 14 million copies have been sold of the analog version worldwide. To date, it is the second most successful selling album in the history of the music industry. It's no wonder. Mick Fleetwood is a fanatic for musical fidelity. As a digitally remastered superdisc, RUMOURS allows their music to reach its full potential.



Morning Dance Spyro Gyra

MORNING DANCE, by the group Spyrogyra, has made a significant contribution to contemporary jazz in the pop music market of today. The group has an international flavor: a cross between the calypso of the Caribbean and traditional American jazz. The analog release went "gold" and the album itself remained on the most popular selling charts for over 40 weeks. As a half-speed mastered release, that experience is even more enjoyable.



Summer Breeze Seals & Crofts

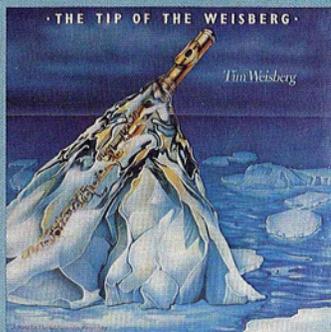
In 1973, two young singers, Jim Seals and Dash Crofts, released what has now become a classic album of the 1970s: SUMMER BREEZE. Their music is simple with dramatic touches by mandolin, fiddle, banjo and sax. The analog release sold over two million copies in the U.S. alone with two hit singles remaining on the charts for over 15 weeks: "Hummingbird" and "Summer Breeze." This half-speed mastered release of SUMMER BREEZE is a tribute to Seals & Crofts' finest album.



Court and Spark Joni Mitchell

Joni Mitchell's voice is like a well-tuned instrument. It is precise, vibrant and exciting. COURT AND SPARK is one of her very finest albums. Backed by artists like David Crosby, Graham Nash, Jose Feliciano, Tom Scott and Robbie Robertson, COURT AND SPARK has become one of those very rare albums recognized in the recording industry for artistic excellence. The subtle blending of instruments is enhanced by the half-speed process, and Joni's lyrical voice has never sounded so pure.

NR 8 DRM NR 9 HSM NR 10 HSM NR 11 HSM



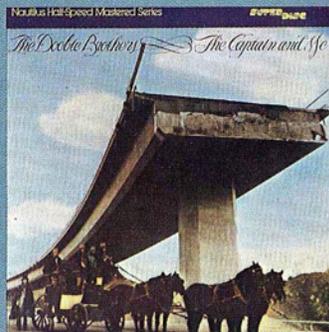
Tip of the Weisberg Tim Weisberg

Tim Weisberg is a noted rock musician with over a dozen records to his name. This live, digital recording for Nautilus captures Tim at his best. Unlike many of Tim's earlier releases, this is a rock album. It has been acclaimed as one of the hottest digital releases ever recorded. The dynamics, musical quality and performances show how versatile Tim and his band really are.



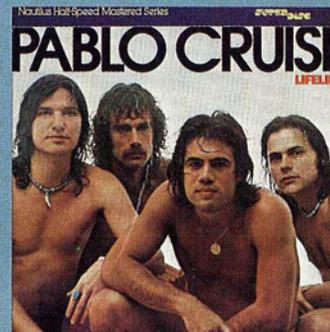
Dreamboat Annie Heart

Heart's DREAMBOAT ANNIE has been one of the most successful rock releases since 1976. The original analog release sold in excess of four million copies worldwide. This half-speed mastered release by Nautilus brings a new dimension to their music. There is a clarity and musical range that was not present in the original release. Dynamics are awesome with a presence that surrounds you with some of the finest rock music of the decade.



The Captain and Me Doobie Brothers

The Doobie Brothers are recognized as one of the most popular rock recording groups of the 1970s. THE CAPTAIN AND ME is the finest example of their talents. This is an exceptional example of half-speed mastering. The analog release sold over two and a half million copies with two of the songs on this album making the singles charts: "Long Train Running" and "China Grove." The album itself was on the top 100 best-selling album charts for over 59 weeks!



Lifeline Pablo Cruise

Pablo Cruise has become one of the sought after concert performers of the late 1970s. Experiencing their concerts and music will only enhance your appreciation of their versatility. LIFELINE, their second album, is the best example of their harmonies and talent. "Zero to Sixty in Five" has got to be one of the finest examples of half-speed mastering in the rock field and it will leave you breathless. LIFELINE is a true Pablo Cruise classic.

NR 7

DGT

NR 3

HSM

NR 5

HSM

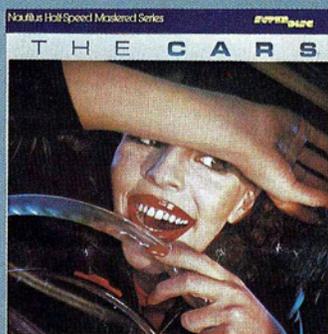
NR 6

HSM



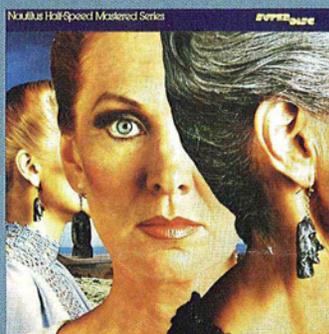
Diamonds and Rust Joan Baez

Joan Baez is one of the most highly respected and talented ballad/folk singers in contemporary music. DIAMONDS AND RUST is not only her finest album, both technically and musically, but it is significant in her career because it marks a major change in her musical direction and awareness. There is special quality in the music on this album that transcends the beauty and strength of Joan's voice. This half-speed mastered superdisc reveals Joan Baez at her very best.



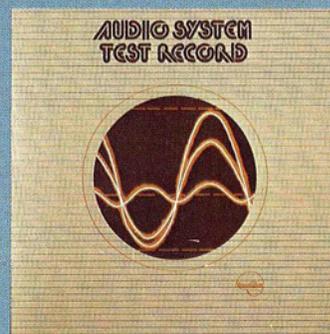
Cars The Cars

No one, least of all the CARS, expected their first album, released in May of 1978 to sell more than two million copies, or predicted that the Boston-based band would be the ones to break AM radio's resistance to New Wave Rock and Roll. Toby Goldstein in the September 1979 issue of *High Fidelity* described their music as, "Equal parts of nervous tension, persistent rolling rhythms, immaculately crafted production and a slightly sinister overlay of seductiveness..."



Pieces of Eight Styx

A Chicago bred rock band, STYX's music has been described as explosive rock and roll. The band has perfected its style through nine albums since 1963, PIECES OF EIGHT (released in 1978) being their greatest commercial and musical success. This multi-platinum seller, spurred by hit singles like "Blue Collar Man" and "Renegade" conclusively proved that STYX was superstar material. Their music is magical, precise, professional and contagious.



The Nautilus Test Record

Not "just another test record," this record developed by Nautilus will eliminate unnecessary audio system distortions and record wear with the proper use. Tests included with detailed instructions are: Stereo Separation Test, Speaker Balance Test, Speaker Phasing Test, Intermodulation Distortion Test, Rumble Test, Trackability Test, Anti-Skating Test.

NR 12

HSM

NR 14

HSM

NR 15

HSM

NTR

HQA

Half-Speed Master



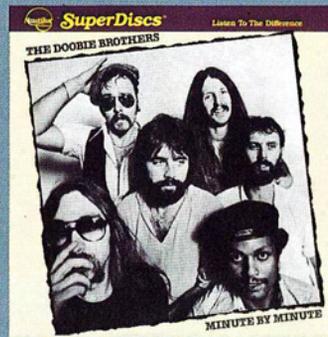
Anytime... Anywhere
Rita Coolidge

Rita Coolidge is a songwriter's dream. Her clear voice, perfect pitch and instinctive emotional delivery make the most of any song she chooses to sing. She scored three hits with "Higher And Higher," "The Way You Do The Things You Do," and "We're All Alone." It's no wonder Rita's rich voice earned her platinum success with ANYTIME... ANYWHERE.



Spirits Having Flown
Bee Gees

The Brothers Gibb registered multi-platinum sales with SPIRITS HAVING FLOWN, supported by smash hits "Tragedy," "Too Much Heaven" and "Love You Inside And Out." Over a year in production, this album is a continuation of their infectious style that got the world up and dancing. The Bee Gees epitomize the elaborate production craftsmanship of late-seventies pop and the cultural transference between black and white music that have occurred in the past few years.



Minute By Minute
Doobie Brothers

The best barometer of the Doobies' ever-evolving sound is MINUTE BY MINUTE, the groups' biggest-selling album to date with over three million copies sold. The music reflects another milestone in the Doobie Brothers' musical growth, as it combines the sounds of jazz, rock and country with a driving R&B feel. This Grammy Award-winning album contains a bright collection of tunes, including the gold smash "What A Fool Believes" as well as "Dependin' On You" and "Minute By Minute."

NR16

HSM

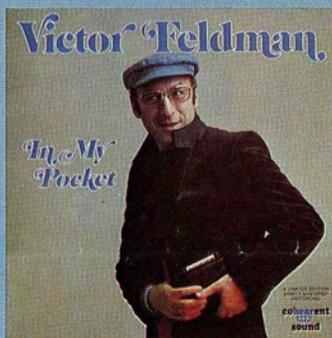
NR17

HSM

NR18

HSM

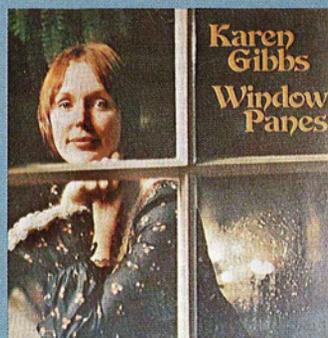
Coherent Sound



In My Pocket
Victor Feldman

IN MY POCKET features Victor Feldman on keyboards backed up by artists like Hubert Laws and Harvey Mason. This album takes a middle ground between progressive and traditional jazz with a Latin flavor. The music is upbeat and creative with exceptional dynamics and frequency response. Four of the songs on this album are original compositions by Victor. It's no wonder after experiencing this direct-to-disc release why Victor is known as the "musician's musician."

Romar



Windowpanes
Karen Gibbs

WINDOWPANES is a significant superdisc because it is the first analog recorded, digitally-mastered recording (Soundstream) ever released in North America. When you couple the advantages of digital-mastering with the talents of singer/songwriter Karen Gibbs, the result is a transparent, dynamic and unique record. Karen has been described as a country-rock ballad singer, but her rendition of Fleetwood Mac's "Oh Daddy" will change the minds of any critic who tries to restrict her to one musical category.



Listen To The Difference

CSR 1001

DD

R 107

HQA

THE GREAT GET BETTER ON NAUTILUS SUPERDISCS

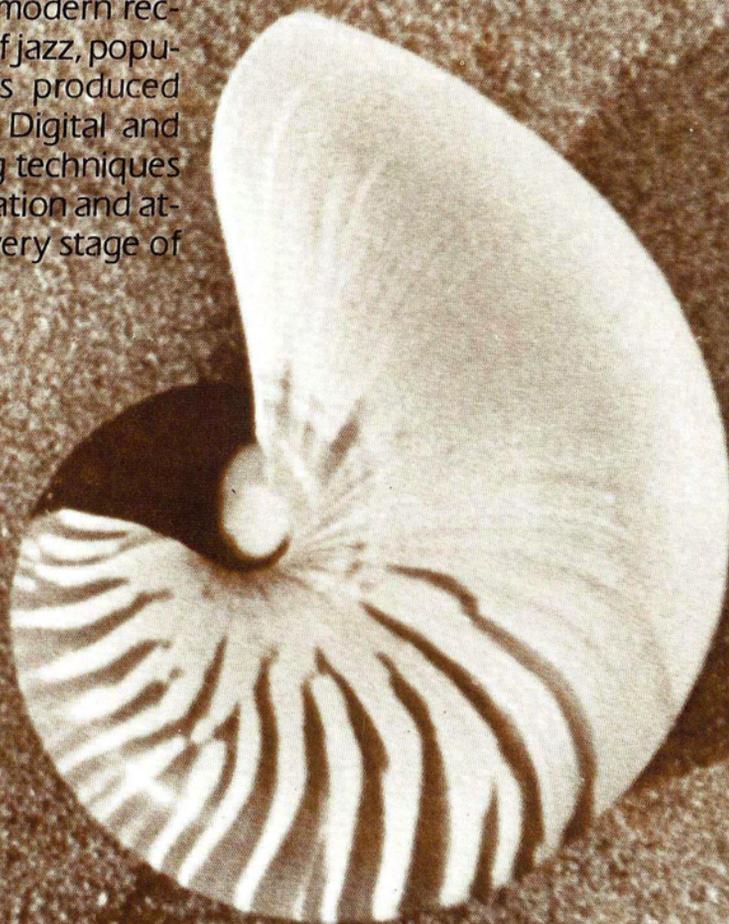
We have a straightforward dedication to quality music and sound reproduction. It grew out of our stereo retailing background when we started providing hifi retailers with demo records in 1974.

Our commitment has brought us to a position of leadership in the audiophile record industry, with a roster of artists that reads like a Who's Who of modern recording. Our catalog of jazz, popular and rock titles is produced using Direct-to-Disc, Digital and Half-Speed Mastering techniques that reflect our innovation and attention to detail at every stage of production.

The great do get better on Nautilus Superdiscs with extended dynamic range and wider frequency response that add up to startling clarity and maximum fidelity.

Our dedication to quality gives us the edge.

Listen To The Difference





THE NAUTILUS SUPERDISC

A "SUPERDISC" is a very special record created with only one thing in mind: "QUALITY." What makes a SUPERDISC so "super" is that it is the perfect integration of artists, musical compositions, production, manufacturing and packaging. There are three main groups of superdiscs which are represented in the

Nautilus line of products: (1) the direct-to-disc recording, (2) the digital recording, and (3) the high-technology, analog recording, (which includes variations and combinations of all three processes).

THE DIRECT-TO-DISC RECORDING

Direct-to-disc recordings are always performed "live." Until the commercial applications of digital recording were available, direct-to-disc performances were the only way to accurately record a session with a minimum of distortion, maximum dynamic range and widest possible frequency response. Analog signals from the artists are passed directly through the recording console to a modified cutting lathe which etches in real-time the master lacquer. By eliminating tape machines and magnetic tape, there can be no wow and flutter problems, no tape hiss, no tape saturation, no tape transport noise, no electronic distortions or abnormalities.

Because these sessions are live, there can be no editing or overdubbing. Any mistakes during the recording of an entire side, of up to 22 minutes of material, will ruin the lacquer. The music will have to be recorded again until the side is perfect. The performers will naturally be under extreme pressure, but it is this need for complete accuracy that adds immeasurably to the excitement of such a session.

Since only a very limited number of lacquers may be cut during these live sessions, the manufacturing capabilities are significantly reduced. On the average, only 25,000 records are ever available per title of a direct-to-disc release.

HIGH-TECHNOLOGY ANALOG RECORDINGS

The main drawback to direct-to-disc recordings is that major recording artists in contemporary music are not capable of recording their music in real-time. They

rely on editing-out mistakes and remixing and re-recording (over-dubbing) counterpart melodies or additional instrumental passages. The problem therefore was "how to get a major artist on a super-disc?" Two methods were devised. The first was to carefully remaster original tapes (half-speed mastering) of the desired performers and the second was to record them using a new technology called "digital."

Half-speed mastering is a process in which the original master two-track tapes are run at half of their normal speed during the mastering (lacquer cutting) process. The cutting lathe is also run at half of its normal speed. Thus the playback ratios remain the same. The advantage to this slow cutting speed is that a more perfect groove can be etched onto the lacquer. Better frequency response, wider dynamic range and considerably less distortion are the benefits.

If compared to the equivalent commercial pressings of the same music, half-speed mastered records are significantly better. Unfortunately however, the music available as half-speed mastered releases is older catalog titles. The problem still remained: "How do you get contemporary artists with NEW MATERIAL on a SUPERDISC?"

DIGITAL RECORDING

Digital recording is an outgrowth of space and computer technology applied to the recording industry. Also called pulse-code-modulated recording (PCM), digital processes convert continuous sine wave (analog) energy into a series of pulses identified by the digital recorder as numerical values. This is accomplished by sampling the audio spectrum at a series of defined points at up to 50,000 times per second. Since all that is rec-

orded on the digital tape is "numbers" there is incredible accuracy. No matter how badly the values are stored on the recording medium, when played back they cannot be decoded inaccurately. A distorted number "5" can only be interpreted as a "5," and not some other value. In addition, almost ten times as much dynamic energy, before tape saturation, can be captured using digital recording techniques. Frequency response is literally from the lowest possible bass notes to the very highest harmonics in the musical spectrum with little or no deviation from "flat" or reference levels. Distortion, wow and flutter, tape hiss and tape transport noises are non-existent.

The advantage to digital recording is that multi-track recorders have been developed which allow artists to over-dub, mix and edit performances in the studio. This flexibility alone makes digital recording the basis for some phenomenal records from major artists of today.

A FINAL NOTE

It should be pointed out that each of the processes described has certain advantages and disadvantages. It takes experience to determine which technique to use with which artist/s, in which studio and with what type of music, to make the finest possible SUPERDISC. Regardless of the recording techniques however, without extreme care in cutting lacquers, plating them, and pressing the final discs, a SUPERDISC will only be as good as the weakest link in this chain.

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