



JULY 1982

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LIZA WITH A "Z" - Liza Minelli (Columbia)

LOOKING OUT - McCoy Tyner (Columbia)
16TH AVENUE - Lacy J. Dalton (Columbia)
THE ADVENTURES OF JOHNNY CASH (Columbia)
ALL-TIME GREATEST HITS - Percy Faith (Columbia)
FAREWELL SONGS - Janis Joplin (Columbia)
PEARL - Janis Joplin (Columbia)
COME BACK TO ME - Marty Robbins (Columbia)
EVERYTHING IN PLACE - Tyrone Davis (Columbia)
ANDRE KOSTELANETZ - Title t.b.a. (Columbia)
ROCK THE WORLD - Third World (Columbia)
ENCHANTED LADY - Enchantment (Columbia)
ANNIE - Original Cast Album (Columbia)
BARNUM - Original Cast Album (Columbia)
MY FAIR LADY - Original Cast Album (Columbia)
MANHATTAN - Motion Picture Soundtrack (Columbia)
WEST SIDE STORY - Motion Picture Soundtrack (Columbia)
FIDDLER ON THE ROOF - Original Cast Album (Columbia)
M*A*S*H* - Motion Picture Soundtrack (Columbia)
PONCHO AND LEFTY - Willie Nelson/Merle Haggard (Epic)
COMBAT ROCK - The Clash (Epic)
SANDANISTA - The Clash (Epic)
LONDON CALLING - The Clash (Epic)
THE CLASH (Epic)
GIVE 'EM ENOUGH ROPE - The Clash (Epic)
PUT YOUR DREAMS AWAY - Mickey Gilley (Epic)
CURRENT - Heatwave (Epic)
YOU DRIVE ME CRAZY - Shakin' Stevens (Epic)
TOO GOOD TO HURRY - Charly McClain (Epic)
INNER FEELINGS - Billy Ocean (Epic)
MORE SWAZZE - Zim Zemeral (Epic)
RANDY MEISNER (Epic)
III WISHES - Shooting Star (Epic)
GARFIELD THE CAT - Soundtrack (Epic)
FREDDIE SALEM - Cat Dance (Epic)
SUBURBAN VODOO - Paul Carrack
VENDETTA (Epic)
GREATEST HITS - Electric Light Orchestra (Jet)
DIARY OF A MADMAN - Ozzy Osbourne (Jet)

BLIZZARD OF OZZ - Ozzy Osbourne (Jet)
CHANGE - Barry White (Unlimited Gold)
DEEP PURPLE IN CONCERT (Portrait)
ANGELA CLEMMONS (Portrait)
BRICK (Bang)
DUKE JUPITER I - Duke Jupiter (Coast-to-Coast)
EYE OF THE TIGER - Survivor (Scotti Brothers)
PREMONITION (Scotti Brothers)
BOHANNON FEVER - Bohannon (Phase II)
STRONG ARM OF THE LAW - Saxon (Carerre)
DENIM & LEATHER - Saxon (Carerre)

CBS MASTERWORKS will release these CX encoded albums:

ELLY AMELING - La Bonne Chanson
WAGNER/OVERTURES - Lorin Maazel/Philharmonia Orchestra
HOLST/THE PLANETS - Lorin Maazel/Orchestra National de France
TCHAIKOVSKY/SYMPHONY No. 5 - Lorin Maazel/Cleveland Orchestra
BERLIOZ/SYMPHONY FANTASTIQUE - Lorin Maazel/Cleveland Orchestra
MAHLER/SYMPHONY No. 1 - Lorin Maazel/Cleveland Orchestra
SALIERI/SELECTIONS - Zoltan Pesko/London Symphony Orchestra
ENTREMENT PLAYS SATIE - Philippe Entrement
PIANO FAVORITES - Philippe Entrement
SAINT-SAENS/CARNIVAL OF THE ANIMALS - Philippe Entrement
TCHAIKOVSKY/NUTCRACKER SUITE - Duke Ellington Orchestra
PHASES OF THE MOON - Traditional Chinese Music
RACHMANINOFF/COMPLETE WORKS FOR PIANO VOLUME I - Ruth Laredo
RACHMANINOFF/COMPLETE WORKS FOR PIANO VOLUME II - Ruth Laredo
RACHMANINOFF/COMPLETE WORKS FOR PIANO VOLUME III - Ruth Laredo
RACHMANINOFF/COMPLETE WORKS FOR PIANO VOLUME IV - Ruth Laredo
RACHMANINOFF/COMPLETE WORKS FOR PIANO VOLUME V - Ruth Laredo
RACHMANINOFF/COMPLETE WORKS FOR PIANO VOLUME VI - Ruth Laredo
RACHMANINOFF/COMPLETE WORKS FOR PIANO VOLUME VII - Ruth Laredo
RAVEL/SELECTIONS - Ruth Laredo
GREATEST HITS OF 1720 - Richard Kapp
GREATEST HITS OF 1721 - Richard Kapp
GREATEST HITS OF 1790 - Richard Kapp
GREATEST HITS OF 1790 (Digital) - Richard Kapp
ROSSINI-RESPIGHI/LA BOUTIQUE FANTASQUE - Andrew Davis/Toronto Symphony

CBS RECORDS INTRODUCES INTEGRATED INVENTORY FOR CX-ENCODED RELEASES---CBS Records will issue recordings in both CX and conventional formats wherever possible. According to this approach, known as integrated inventory, CX and non-encoded records will carry identical numbering systems and wholesale prices. Both types of records will be merchandised together in the same section of the record department, thereby averting problems of dual inventory merchandising.

A LONG-TERM CX MARKETING CAMPAIGN is currently being mapped out by CBS Records. The program will cover product identification, in-store merchandising aids and print advertising.

In order to guarantee clear identification of CX product, the CX logo will appear on the front shrink wrap, back jacket (with legend), cover spine and label copy of each CX release. All CX recordings will include an informational insert which describes in semi-technical terms the process and its benefits.

Merchandising tools under consideration range from CX posters, banners and mobiles to artist catalog posters which highlight CX releases, CX buttons for retail salespeople, and drop-in header and divider cards for record bins. CBS Records is also exploring various print advertising formats for its branch sales offices which will be used in conjunction with local record retailers. As soon as the supply of CX releases and hardware is plentiful, CBS Records will implement a special advertising campaign in the audio and consumer press.

TOSHIBA, ONKYO AND SUPERSCOPE/MARANTZ WILL FEATURE CX INTEGRATED CIRCUITRY in their audio equipment. Hitachi, Telefunken, National Semi-Conductor and Signetics are all in the process of engineering CX integrated circuits for decoders which will be available by the end of the year. It is expected that a limited quantity of CX IC's will be ready this summer.

An assortment of CX hardware components can be found in audio retail outlets and many more models will be introduced in 1982. CX decoders are or will be produced as add-on components, circuitry built into record players, receivers or pre-amps, and do-it-yourself decoder kits.

During the Summer Consumer Electronics Show in Chicago last month, Bob Jamieson, CBS's CX project coordinator, along with Lou Abbagnaro and Dan Gravereaux of the CBS Technology Center, conducted extensive discussions with audio hardware manufacturers. They anticipate that CBS will be signing additional CX licensees with several major audio companies in the near future.

CX CONTINUES TO GENERATE EXCITEMENT IN EUROPE among audio hardware and software companies. Following CX's successful showing at the Paris Hi-Fi/Video Fair in March, Societe Lerel of France introduced an outboard CX decoder and has already begun production of the unit. Revac and Teksoner of Italy both announced plans to market CX hardware; Teksoner will manufacture a free-standing decoder and Revac will offer CX options with amplifiers. Telefunken, Continental Europe's first CX licensee, will present two CX turntables and an outboard unit this summer. This equipment, coupled with a collection of CX recordings and demonstration discs, will spearhead Telefunken's CX product launch through its 5,000 dealers in Germany.

This year CX product has been released in Europe on the Ariola, Teldec and Keystone labels as well as on CBS Records. WEA's first CX release by its

Dutch affiliate is expected, as are albums from Vogue in France. The Dutch National Radio network began regular broadcasts of CX encoded discs last fall and the Bavarian Broadcasting Corporation plans to adopt a similar program.

CX encoders have been installed at the Teldec/Telefunken Studios in Berlin, Strawberry Studios in London, and at CBS facilities in Great Britain, France and The Netherlands. Additional encoders will be placed in studios in France, Germany, Italy and Spain.

CBS Records International's European Regional Vice President of Operations, Patrick Hurley, will further promote CX to the trade, professional recording community and general public by participating in upcoming trade fairs in Turin, Dusseldorf, Amsterdam, Milan and Barcelona.

CX ENCODING TIPS---With the new integrated inventory policy, the CX encoded record should be produced with optimum decoding as an objective. For this reason, the CX-20 mode on the UREI professional CX encoder should always be used. With CX-20 encoding, music played back through the decoder will be exactly matched to the original source tape.

What about noisy tapes? A noisy tape encoded in the CX-20 mode may have objectionably high tape noise when the record is played back without the decoder. This is because the compressor has raised the tape noise above that of the record surface noise. While this will not normally occur with digital tapes or well made analog tapes, it may occur with older catalog tapes. Careful listening will show that the tape noise will also be the dominant noise source even when played back through the CX decoder although the level will be lower. If the tape noise is excessive, the final CX encoded record may not be commercially acceptable. The recording engineer may be able to remove some of the noise by careful editing of the master tape especially at lead-in, lead-out and crossover positions. CBS does not recommend using the CX-15 position for noisy tapes since the match between encoder and decoder is no longer ideal. Since CX records' primary goal is to provide the best possible decoded record, CX-20 should be applied in all instances.

UREI HAS ARRANGED TO MAKE CX PROFESSIONAL ENCODERS AVAILABLE FOR RENTAL in New York, Los Angeles and Nashville. Outlets secured to date include Harvey Radio in New York City and Audio Rents in Hollywood, California. UREI will provide CX calibration records to renters of its latest 1811 unit; owners of older encoder models may contact UREI for a free copy of the test disc.

RICHARD DONALSON, CHIEF ENGINEER AT INTERNATIONAL AUTOMATED STUDIOS in Irvine, California, is now affiliated with CBS as a consultant. Donalson will work closely with CBS's Bob Jamieson in demonstrating CX to the West Coast creative community and providing technical information on CX to artists, producers, recording facilities and audio hardware manufacturers in that region.

RECENT CORRESPONDENCE FROM CX DECODER OWNERS includes a letter from Ronald L. Smoyer, M.D. in Johnstown, Pennsylvania. Dr. Smoyer wanted to share his thoughts regarding the CX systems. Here is an excerpt:

"As an audiophile of some years duration and of moderate sophistication, I believe this 'little box' (his CX decoder) is one of the last components I'd



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