

TEAC®

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Archiv Michael-Otto*

TEAC CORPORATION



TEAC

**Pacesetter for standards of excellence
in magnetic recording technology**

I would describe TEAC as a team, a vast, complex, yet highly co-ordinated team whose achievements over the past decade speak for themselves. Not only have our sales, profit, capitalization and variety of products increased, they have been matched with an expanding worldwide marketing network that makes TEAC one of the truly multi-national corporations in a world where national borders no longer limit a company's reputation.

Yet, given the highly competitive nature of the electronics industry, I believe that we cannot afford complacency with past accomplishments, however gratifying they may have been. On the contrary, as we approach the end of our second decade, it is our duty to make the most of our position in the field of magnetic recording but to

Our emphasis is always upon Quality, from the dynamic engineers in Research and Development through the dedicated technicians in our own manufacturing plants to the highly knowledgeable sales representatives. The quality is further refined by rapid inter-team communications throughout the vast organization which disseminates all new information between departments for immediate action in improving the product and the distribution.

I am confident that the quick reaction and response of all departments, sections and organizations in the TEAC corporate structure to developments in the ever expanding field of magnetic recording will keep TEAC a leader in one of the world's most dynamic industries.

Katsuma Tani
President
TEAC CORPORATION



I would describe TEAC as a team, a vast, complex, yet highly co-ordinated team whose achievements over the past decade speak for themselves. Not only have our sales, profit, capitalization and variety of products increased, they have been matched with an expanding worldwide marketing network that makes TEAC one of the truly multi-national corporations in a world where national borders no longer limit a company's reputation.

Yet, given the highly competitive nature of the electronics industry, I believe that we cannot afford complacency with past accomplishments, however gratifying they may have been. On the contrary, as we approach the end of our second decade, it is imperative that every effort be made not only to maintain TEAC's pre-eminent position in the field of magnetic recording but to further reinforce that position.

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A stylized, handwritten signature in black ink, reading "Katsuma Tani". The signature is fluid and cursive, with the first name "Katsuma" and last name "Tani" clearly distinguishable.

Katsuma Tani
President
TEAC CORPORATION



DP-4000 DATA ACQUISITION SYSTEM

TEAC

DP-4000 DATA

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ACQUISITION SYSTEM

TEAC
R-51
DATA
RECORDER

OPEN

START

STOP

REWIND

TAPE
LEVEL

TAP
SPEED

TAP
SPEED

TAP
SPEED

TAP
SPEED

TEAC
R-51
DATA
RECORDER

TEAC

*@ beim Hersteller
Archiv Michael-Otto*

TEAC
R-51
DATA
RECORDER

HEAD OFFICE AND LABORATORIES, TEAC CORP.



TEAC SEIKI CORP.



TEAC AUDIO SYSTEMS CORP.



TOYOOKA FACTORY, TEAC CORP.



A Pioneer in the Computer Age

During the past decade, TEAC has firmly established itself as a manufacturer of the world's finest magnetic recording systems. Just as TEAC was a leader in pioneering so many of the developments that took place in the audio industry during the last decade, it is now leading new advances in the computer industry.

Established in 1953 as the Tokyo Electro-Acoustic Co. Ltd., TEAC has since produced some 1,300 different magnetic recording devices. Just four years after its founding, TEAC produced an analog data recorder. By 1961, a TEAC magnetic tape memory system for computers was introduced. A slow-motion video tape recorder followed in 1963 for the Tokyo Olympic Games and other professional applications, and a year later saw the marketing of the A-4010 stereo tape deck and a facsimile video recorder. The A-6010 and a data processing and analyzing system were unveiled in 1965, and a magnetic drum type data delay device for analog signals in 1966. In 1968, the high-performance stereo tape deck A-7030 was produced,

establishing beyond question the capability of this now prestigious firm.

Built around President Katsuma Tani and with, for the most part, qualified engineers as directors, TEAC focuses sharply on technological skills.

Directors' and Executives' Meetings are spirited sessions where policy is formulated and imaginative ideas are aired and assessed. Introducing new products and the challenges of the new computer age are topics always high on the agendas.

There are four principal departments in the TEAC organization — Administration, Research and Development, Production and Sales. Production is further sub-divided into five manufacturing centers: Musashino, where measuring data recorders and computer-related devices are produced; Toyooka where audio products are assembled; Shinano where motors are made; Murayama where TEAC SEIKI CORP. is centered; and Kodaira which develops and assembles professional audio equipment. TEAC's Tokyo Sales Office is the hub of all domestic and overseas sales activities.

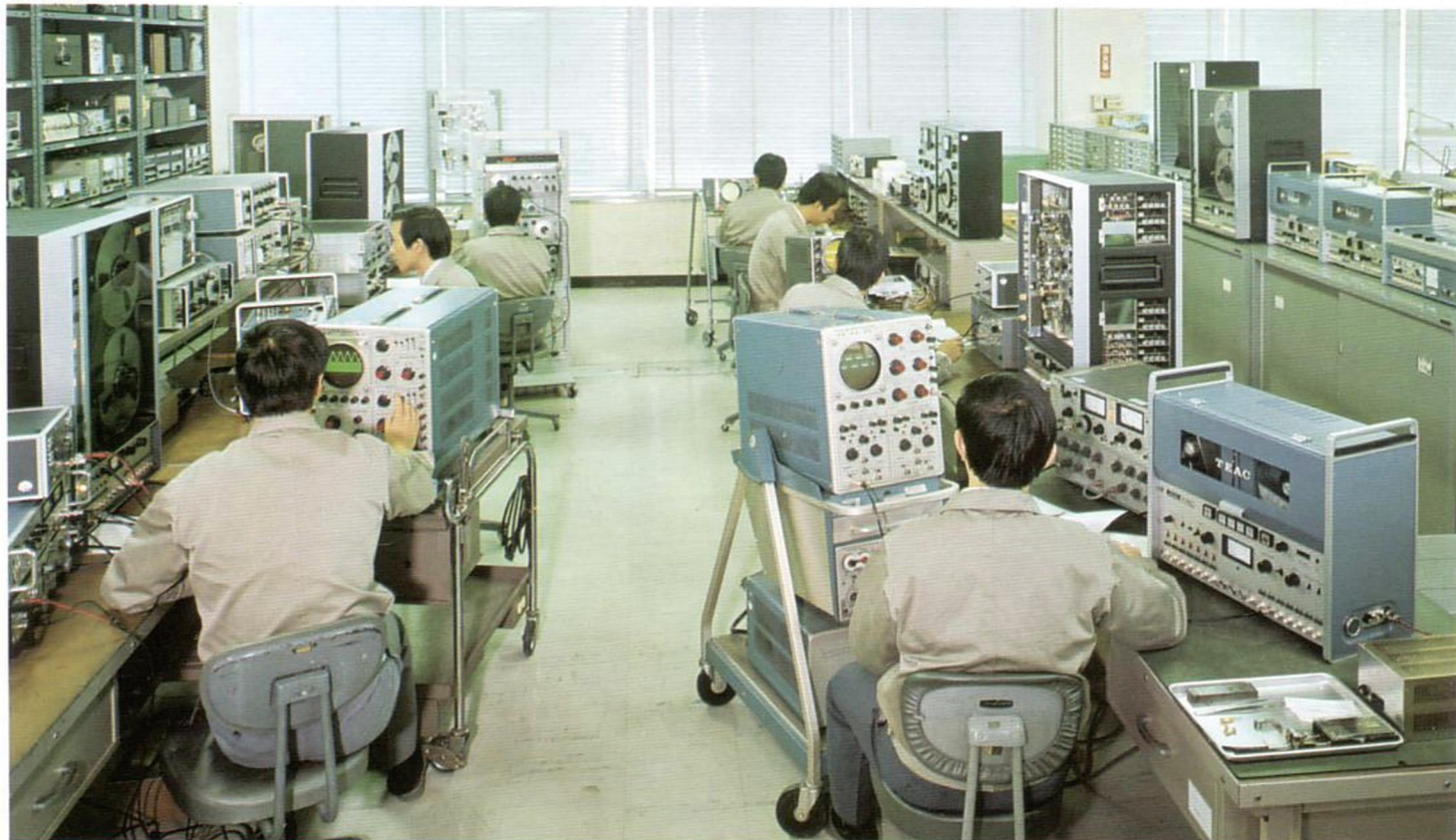
FORMULATING



DISCUSSING



ANALYZING



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Unified Research and Development

The prime factor in TEAC's rise to global prominence has been technical superiority. The production of high quality magnetic recording devices requires a myriad of skills. At TEAC the consistent productivity of highly educated men with advanced scientific skills — physicists, electrical and mechanical engineers — have made the TEAC name synonymous with quality.

Engineering and manufacturing accomplishments are always the result of thoughtful planning and thorough research. In order to fully utilize the talents of the dedicated scientists and imaginative technicians who comprise the TEAC brain trust, TEAC established a unified Research and Development Laboratory.

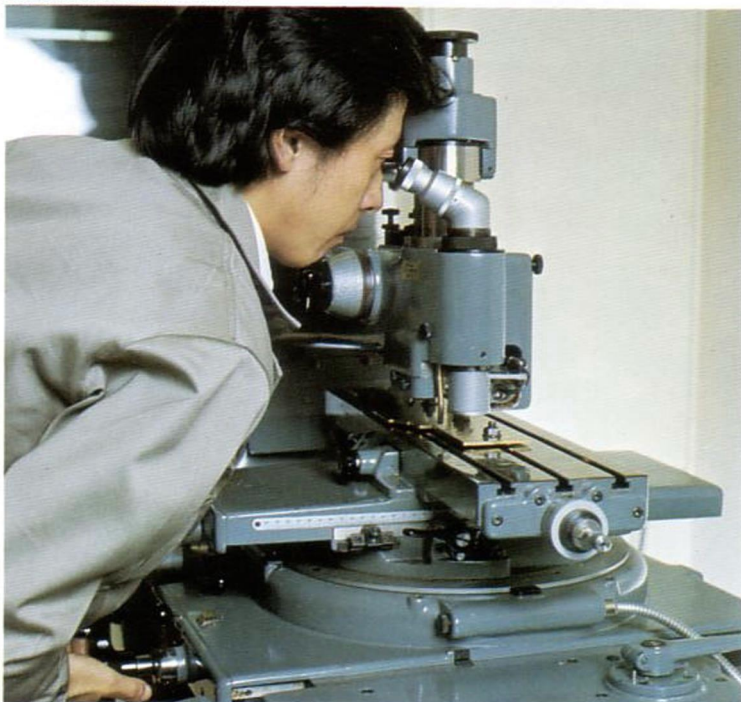
Now under one roof, the technical systems team and the audio products team are engaged in devising every possible application of TEAC engineering and technological expertise. Sharing their accumulative advancements, they develop the necessary means of harmoniously accomplishing their divergent goals, each enhancing the other. This group effort is being directed not only toward new scientific breakthroughs, but also toward the improvement of established TEAC products.

TEAC exerts every effort to maintain quality and continuity of design. Planned obsolescence is not a part of our program; continuing improvement most definitely is. We have made and will continue to make every effort to provide post-sale service and ready availability of repair parts, wherever and whenever needed.

SYSTEM EVALUATION



PROTOTYPE ENGINEERING



ADVANCED MAGNETIC HEADS

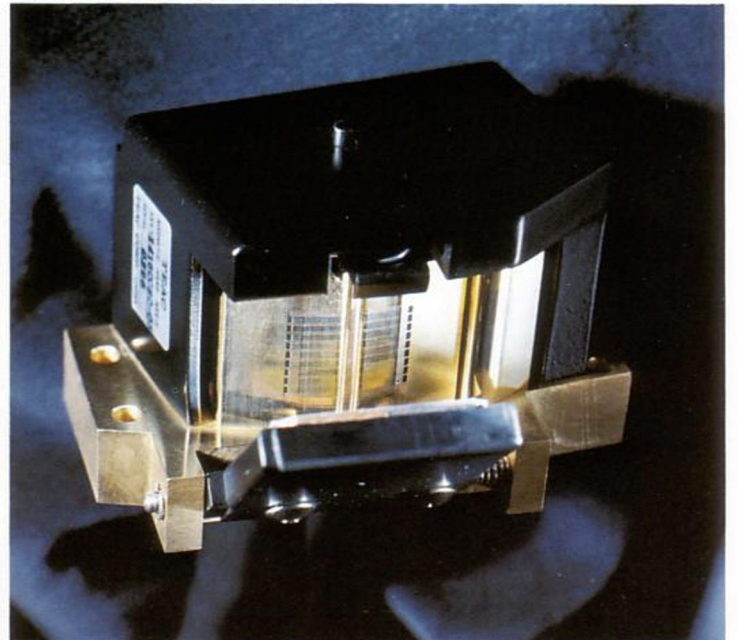


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VISUAL INSPECTION



HEADS FOR COMPUTER MEMORIES



TEAC SEIKI CORP.

- Precision Engineering

After an extensive reorganization of personnel to strengthen the relationship between mechanical and electronics planning, TEAC SEIKI CORP. was established in October, 1971. Under their roof are assembled the most advanced machining tools available which make the precision parts required for high quality tape recorders.

The most modern tools and machinery in the hands of these extremely capable men produce the kind of technological expertise that has become identified with the TEAC name.

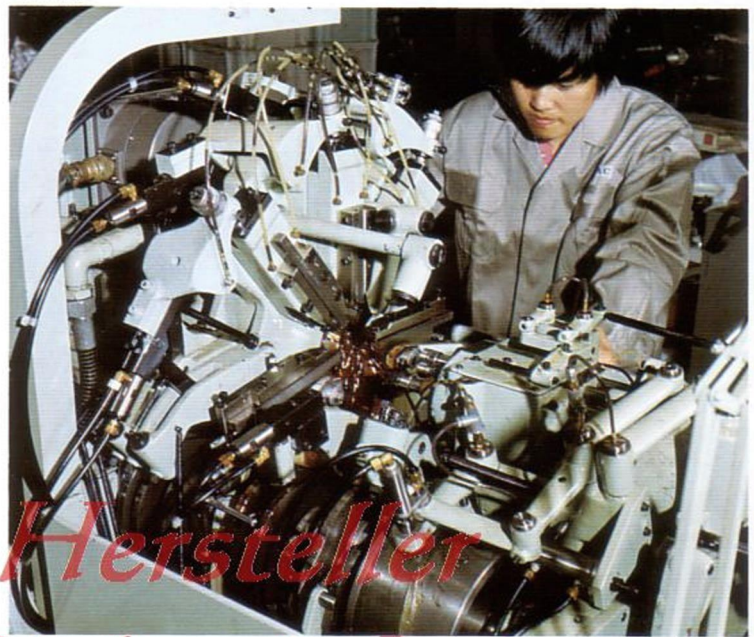
All the critical metal parts used in TEAC products, from the chassis to the critical High Density Ferrite Heads, are made here to tolerances so fine that electronic test equipment must be used to measure the dimensions. The quality control section is supported by a precision measurement equipment laboratory where tolerances are measured in fractions of microns.

In order to exercise complete quality control, we of TEAC produce all major components for each magnetic recording device including the all-important magnetic heads. The production of these heads calls for exacting electrical, mechanical and chemical engineering calculations, careful selection of materials and advanced technological know-how. As the quality of the head is a determining factor in the overall performance of the unit, the most exacting quality control is exercised at each stage of manufacture.

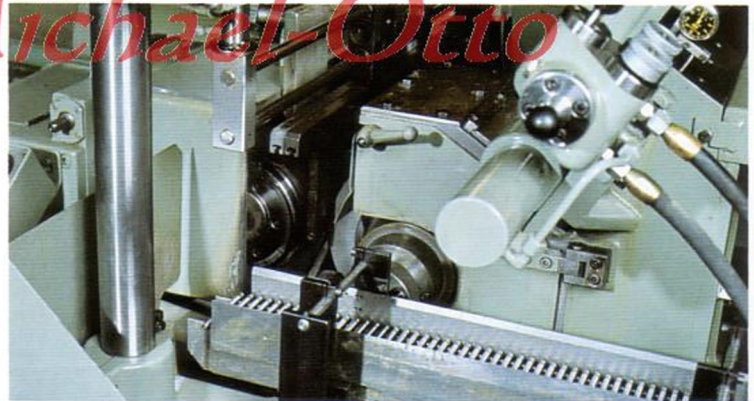
TEAC SEIKI also manufactures quality motors designed to fill a number of special applications in data recorder and audio units. Their factories are engaged in the production of motors designed to produce the wow-and-flutter-free performance required by precision recording devices.

Utilizing the latest production techniques, the most modern engineering machinery, and with the finest technicians available, TEAC SEIKI CORP. is a streamlined, centralized production operating at peak efficiency.

CUTTING



POLISHING



DYNAMIC TESTING







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ASSEMBLY LINE OF TOYOOKA FACTORY



FINAL COMPONENT INSPECTION



PERFORMANCE PARAMETER TEST



Tape Stereo: the Pedestal of TEAC Fame

TEAC's position as world-renowned manufacturer can be traced primarily to its reputation as a producer of quality audio products. That reputation in turn rests largely on the excellence of TEAC high-fidelity stereo tape decks.

In addition to the very advanced A-6010/7010/7030GSL-series, the semi-professional A-3340 4-channel tape deck is enjoying great popularity with the audio enthusiasts. TEAC's best seller, though, is the A-4010 series, including the newest A-4010GSL. There are more 4010-series decks owned than any other comparable deck from any manufacturer in the world, which is evidence enough of its enduring quality.


As well as making the best quality tape decks, TEAC enjoys the honor of being the first to introduce new products. For example, TEAC was the first company in Japan to market a stereo cassette deck with a built-in Dolby Noise Reduction System. TEAC's A-350 has continued to dominate the market of Dolby-incorporated cassette decks.

It has been joined by the highly advanced A-450 cassette deck which is the first cassette deck to meet or exceed the specifications of open reel decks, having less than 0.07% wow-and-flutter.

A complete stereo system is available from TEAC. Our engineers have developed a full line of audio components which complement the superiority of TEAC's tape and cassette decks. Among these is the world's first 4-channel Dolby Noise Reduction Unit, the AN-300.



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A photograph of a large, complex electronic device, likely a computer or data processing unit, featuring numerous circular components and glowing lights. The device is composed of several vertical panels or modules, each with various components like switches, lights, and connectors. The overall color scheme is a mix of dark blues, greys, and bright oranges from the glowing lights. The text is overlaid in the center in a red, italicized font.

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Fulfilling the Need for Advanced Data Recorders

The measuring data recorder occupies an increasingly important role as modern society moves into the '70s. These intricate, complex instruments are used for such diverse functions as analyzing electrical signals, recording, reproducing and storing many actual phenomena, and data retrieval. TEAC is one of the world's major producers of such machines, almost completely dominating the domestic market and exporting large numbers to other nations.

The very nature of the assignments given to such recorders makes it essential that they be precision built, with advanced multi-channel magnetic heads and an exceptionally reliable mechanism. In short, they require the kind of technology and craftsmanship that has come to characterize all TEAC products.

Part of the complete line of TEAC measuring data recorders are the R-570, R-410, R-270 (portable), and the R-70A (cassette). The R-70A is part of the growing line of cassette data systems developed by TEAC. The MT-5 and MT-6 digital cassette memory systems and the DP-50 data acquisition systems have established TEAC's reputation as the world leader in cassette information products. TEAC's data acquisition systems include the DP-1000 (on-line), DP-4000 and DP-5000. Both the DP-4000 and DP-5000 can be operated independently of computers (off-line). The efficiency of these systems can be increased with TEAC's optional units such as the DC amplifier, sample hold circuit, D-A converter and digital printer. These acquisition systems can all be universally interfaced with any other existing computer installation.

Other important TEAC products include the C-110 real-time digital correlator, the F-100 spectrum analyzer, and the IR-500 information retrieval system.

ASSEMBLY



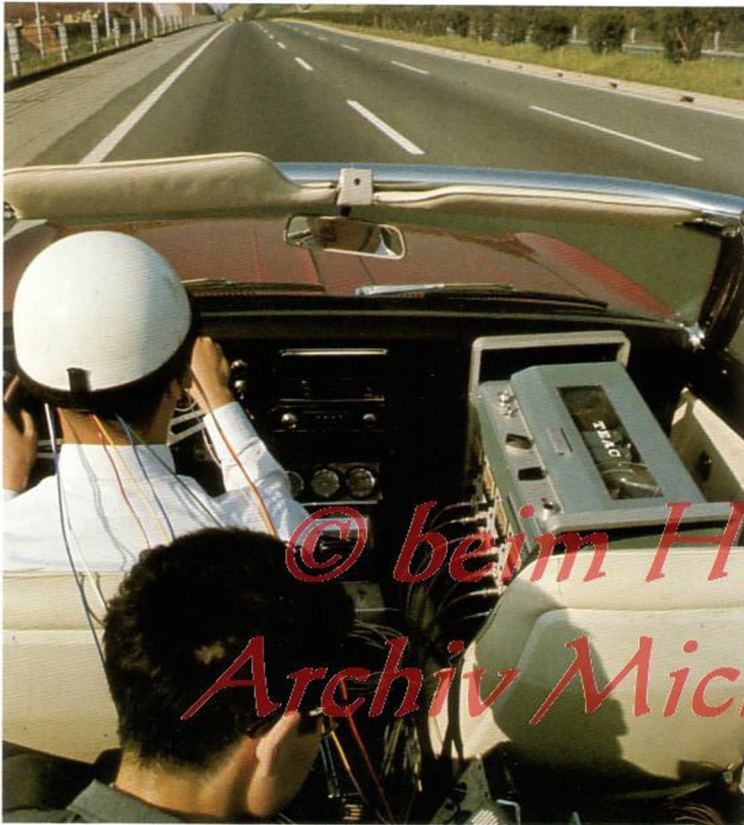
CALIBRATION



ALIGNMENT



BIO-MEDICAL ENGINEERING DATA RECORDINGS



LIGHTWEIGHT PORTABLE CASSETTE DATA RECORDER



TEAC DATA ACQUISITION SYSTEMS



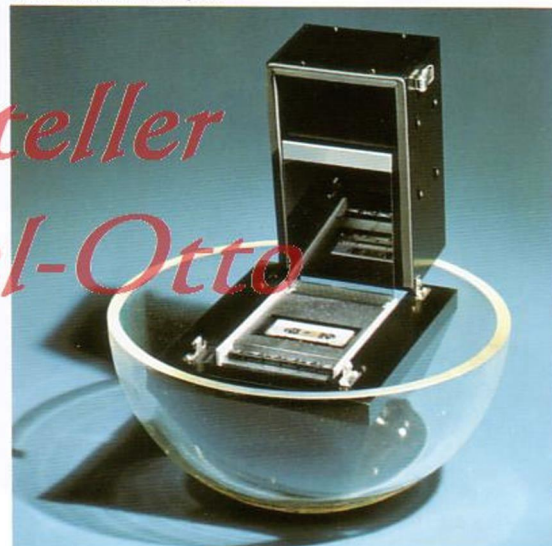


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"DATAPACK"



DIGITAL CASSETTE DATA RECORDER FOR OCEAN DEVELOPMENT PROJECT



New Products—New Markets

The MT-6 Cassette Digital Data Recorder is one of the newest products from TEAC, and is now leading the data processing field toward increased efficiency and miniaturization. Now in use at 5000 meters below sea level and in thousands of offices around the world, the MT-6 is representative of the new products continually being introduced by TEAC. Another example would be the V-3000 Video-Cassette Recorder, or the A-450 Stereo Cassette Deck which outperforms many open-reel decks. Even now, many new and exciting developments are being perfected in TEAC's laboratories.

Since its inception, TEAC has been on the threshold of the future with new products that advance mankind a step further past the unknown and unachieved. New fields of science and technology that didn't exist when the company was formed are being served today by TEAC products and developments. From the depths of the ocean to the living room in the home there exists a growing demand for products meeting new requirements with higher sophistication. TEAC is developing tomorrow's new products today for new markets and for all mankind.

TEAC – Worldwide

As the dramatically successful '60s ended, TEAC began to expand its international operations. TEAC Europe B.V. was established in Amsterdam to provide better access to the lucrative EEC market. A strong new network now functions in Africa and Latin America. TEAC Corporation of America services the vast United States market from its new facilities in Montebello, California. TEAC Hongkong Ltd. was established in October of 1971 to provide improved coverage of the growing Southeast Asia market.

TEAC has instituted a number of new programs to facilitate the efficiency of this rapid expansion. TEAC Education Center was created with special emphasis on linguistics in order to staff overseas offices with outstanding personnel. The new TEAC Service Department, a combination of the former Service Office and Parts Center, has coordinated the company policy of quality control inspection prior to product distribution and fully trained service engineers, men thoroughly knowledgeable in every facet of the entire product line, have been placed in key service centers all over the world.

Two marketing areas occupy the attention of the company, the stereo (and four channel) systems market in which TEAC has introduced a complete line of fully compatible components to complement the distinguished stereo tape decks and recorders, and the highly technical data handling and retrieval systems with wide applications in industry research and development.

Recently, TEAC has added such potential big sellers as automobile stereo systems, audio noise reduction units, video tape recorders and business audio machines to its already well established product line. This line has earned TEAC a world wide reputation as a leading maker of quality tape equipment, a reputation justly earned due to TEAC expertise in magnetic recording technology.

TOKYO SALES OFFICE



THE HUB OF INT'L SALES ACTIVITIES



TEAC CORPORATION OF AMERICA



TEAC EUROPE B.V.



TEAC CORPORATION

Executive Offices:

3-7-3, Naka-cho, Musashino, Tokyo
Phone: Musashino (0422) 53-1111
Telex: 332245 TEAC HOJ
Cable: TEAC MUSASHINOMITAKA

Sales Office:

Shinjuku Bldg., 18-1 Nishi-Shinjuku, Shinjuku, Tokyo
Phone: Tokyo (03) 343-5151
Telex: 332245 TEAC HOJ
Cable: TEAC TOKYO

Domestic Branch Offices:

in Tokyo, Osaka, Nagoya, Fukuoka, Hiroshima, Sendai and Sapporo

Musashino Factory:

3-7-3, Naka-cho, Musashino, Tokyo

- August 1953 Tokyo Television Acoustic Company established, to manufacture and sell electronic audio machines and general electric goods with emphasis on high performance recorders and reproducing devices.
- September 1955 Present Musashino plant and head office established and laboratory work begun at this plant.
- December 1956 An affiliate, Tokyo Electro-Acoustic Company, established to manufacture electronic audio machines, electric measuring and optical, and various magnetic tape machines.
- June 1959 Tokyo Television Acoustic Company and Tokyo Electro-Acoustic Company together started production of tape recording machines for domestic and foreign markets.
- January 1961 Tokyo Electro-Acoustic Company began placing emphasis on production of various magnetic tape memory machines, data recorders, and other applied products.
- May 1961 Tokyo Electro-Acoustic Company concluded a technical aid contract with IBM of America to manufacture magnetic tape memory systems in Japan.
- November 1962 Tokyo Television Acoustic Company became TEAC Audio Corporation.
- December 1962 Tokyo Electro-Acoustic Company became TEAC Corporation.

- March 1963 TEAC Corporation began exporting its computer memory system to Europe.
- August 1963 TEAC Audio Corporation went into mass production of quality tape recorders for domestic and overseas markets.
- October 1964 TEAC Audio Corporation and TEAC Corporation merged.
- October 1966 Sales division strengthened, and sales and service personnel posted to America, Europe and South-East Asia.
- May 1967 TEAC Corporation of America (TCA) established to systematize the service and distribution throughout U.S.A.
- August 1968 TEAC European Service Center established in Wiesbaden, Germany.
- July 1969 TEAC Latin American Service Center established in Panama.
- November 1969 TEAC Europe N.V. established in Amsterdam.
- October 1971 TEAC Hongkong Ltd. established in Hong Kong. TEAC Seiki Corp. and TEAC Audio Systems Corp. established.
- November 1971 Joint venture with SONY Corporation was incorporated as the TEAC Video Corp. (TCV)
- June 1972 TEAC Europe N.V. name changed to TEAC Europe B.V.

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TEAC EUROPE B.V.
P.O. Box 47, Amsterdam-W. 2, The Netherlands
Phone: 2201056
Telex: 16238 (16238 TEAC NL)
Cable: TEACEUROPE AMSTERDAM
TEAC HONGKONG LIMITED
Room 40, 4106 Melbourne Plaza, 33 Queen's Road C, Hong Kong
Phone: 220027
Cable Address: TEACLTD HONGKONG

Date Established:

August 26, 1953

Capital:

¥1,020,000,000

Executive Officers:

Katsuno Tani, President
Tomoe Tani, Executive Vice President
Masao Takane, Managing Director
Keiji Suzuki, Managing Director
Nobuo Fukuda, Managing Director

Employees:

2,195 as of Jan. 1, 1973

TEAC CORPORATION

SALES OFFICE: SHINJUKU BLDG. 18-1, NISHISHINJUKU, SHINJUKU, TOKYO / PHONE 343-5151
HEAD OFFICE: 3-7-3, NAKA-CHO, MUSASHINO, TOKYO / PHONE (0422) 53-1111

Products: Magnetic tape memory system for electronic computers,
Digital correlators & spectrum analyzers; Data acquisition systems.

TEAC CORPORATION

Executive Offices: 3-7-3, Naka-cho, Musashino, Tokyo
Phone: Musashino (0422) 53-1111
Telex: 2822451 (TEAC HOJ)
Cable: TEAC MUSASHINOMITAKA

Sales Office: Shinjuku Bldg., 1-8-1 Nishi-Shinjuku, Shinjuku, Tokyo
Phone: Tokyo (03) 343-5151
Telex: 2322429 (TEAC BHJ)
Cable: TEACACOUSTIC TOKYO

Domestic Branch Offices: in Tokyo, Osaka, Nagoya, Fukuoka, Hiroshima, Sendai and Sapporo

Musashino Factory: 3-7-3, Naka-cho, Musashino, Tokyo
Phone: Musashino (0422) 53-1111

Toyooka Factory: 857, Koyata, Iruma, Saitama
Phone: Musashi (0429) 62-7151

TEAC SEIKI CORPORATION: 2439 Mitsugi Nakasuna, Musashi Murayama, Tokyo
Phone: Murayama (0425) 63-3211

Shinano Factory: 15 Iijima, Kamiinagun, Nagano
Phone: Iijima (0265) 86-3131

TEAC AUDIO SYSTEMS CORPORATION: 2-844-7 Ohnuma-cho, Kodaira-shi, Tokyo
Phone: Kodaira (0423) 44-1200

TEAC VIDEO CORPORATION: 3-7-3, Nakacho, Musashino, Tokyo
Phone: Musashino (0422) 53-1111

Overseas Subsidiary Companies: **TEAC CORPORATION OF AMERICA**
7733 Telegraph Road, Montebello, California, 90640. U.S.A.
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Cable: TEAC MONTBELLO CALIFORNIA

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Cable: TEACEUROPE AMSTERDAM

TEAC HONGKONG LIMITED
Room No. 1105 Melbourne Plaza, 33 Queen's Road C. Hong Kong
Phone: 252027
Cable Address: TEAC LTD HONGKONG

Date Established: August 26, 1953

Capital: ¥1,020,000,000

Executive Directors: Katsuma Tani, President
Tomoma Tani, Executive Vice President
Mitsuo Takane, Managing Director
Keiji Suzuki, Managing Director
Nobuo Fukuda, Managing Director

Employees: 2,100 in total as of Jan. 1, 1973

TEAC Products: Consumer audio & video equipment, Professional audio equipment, Special purpose tape recorders, Magnetic tape instrumentation data recorders, Magnetic tape memory system for electronic computers, Digital correlators & spectrum analyzers, Data acquisition systems.

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