symbol readout box

symbol readout box is an essential component in various industries, providing clear and concise information from visual displays. Whether in manufacturing, retail, or logistics, a symbol readout box offers a streamlined way to interpret data, improve workflow efficiency, and support critical operations. This article explores what a symbol readout box is, its primary functions, types, benefits, and best practices for selection and implementation. Readers will learn about the key features of modern symbol readout boxes, industry-specific applications, and maintenance tips to maximize their effectiveness. Additionally, expert insights and frequently asked questions will further clarify the role and importance of symbol readout boxes in today’s fast-paced environments.

What is a Symbol Readout Box?

A symbol readout box is a specialized device or interface designed to display, interpret, and communicate symbolic information in a clear and accessible format. These boxes are commonly used to present graphical symbols, codes, or icons that represent complex data or instructions in a simplified manner. Symbol readout boxes can be found in electronic displays, machine interfaces, and digital control panels, serving as a vital link between users and the systems they operate. The primary function of a symbol readout box is to translate raw data into recognizable symbols, enabling quick decision-making and efficient operations across various sectors.

Key Features and Components of Symbol Readout Boxes

Modern symbol readout boxes are equipped with advanced features that enhance usability and reliability. Understanding their components is crucial for selecting the right solution for specific needs. Symbol readout boxes typically include:

- High-contrast display screens for clear symbol visibility
- Integrated microcontrollers for processing and interpretation
- User-friendly control interfaces, such as buttons or touch screens
- Connectivity options, including USB, Ethernet, or wireless modules
- Robust enclosures to withstand industrial environments
- Customizable firmware for adapting to various symbol sets

These features ensure that symbol readout boxes provide accurate and timely information, helping operators respond swiftly to system changes or alerts.

Main Applications Across Industries

Symbol readout boxes are utilized in a wide range of industries, each with unique requirements and use cases. Their ability to convey complex information through standardized symbols makes them invaluable in environments where clarity and speed are paramount.

Manufacturing and Automation

In manufacturing, symbol readout boxes are used to display machine status, error codes, and operational instructions. By presenting information visually, they reduce the likelihood of human error and increase production line efficiency.

Retail and Point-of-Sale Systems

Retail environments rely on symbol readout boxes for price displays, inventory status, and transaction confirmations. Their clear readouts help

employees and customers interact smoothly with automated checkout and inventory systems.

Logistics and Warehousing

Logistics companies use symbol readout boxes to guide package sorting, identify storage locations, and communicate workflow steps. These devices help streamline distribution processes and reduce handling times.

Healthcare and Medical Devices

In healthcare, symbol readout boxes are found on medical equipment to alert staff to patient status, device settings, and maintenance needs. Their universal symbols ensure critical information is understood quickly, regardless of language barriers.

Types of Symbol Readout Boxes

Symbol readout boxes come in various forms to accommodate different operational environments and display requirements. Understanding the types available helps organizations make informed choices.

- **Digital Symbol Readout Boxes:** Utilize electronic displays, such as LED or LCD screens, to present dynamic symbols and codes.
- **Analog Symbol Readout Boxes:** Feature mechanical components or static displays to show fixed sets of symbols.
- **Programmable Symbol Readout Boxes:** Allow users to customize which symbols are displayed based on system inputs or user commands.
- **Integrated Symbol Readout Interfaces:** Built into control panels or machinery, providing direct feedback within operational systems.

Selecting the appropriate type depends on factors such as environment, required flexibility, and integration needs.

Benefits of Using a Symbol Readout Box

The adoption of symbol readout boxes offers a range of benefits that support

operational efficiency and safety. Their implementation can have a significant positive impact on workflow and communication.

1. **Enhanced Clarity:** Symbols are universally recognized, reducing miscommunication and errors.
2. **Faster Response Times:** Visual cues enable quick reactions to system changes or alerts.
3. **Increased Productivity:** Streamlined information flow supports faster decision-making and task execution.
4. **Improved Safety:** Clear symbols help prevent accidents by providing immediate warnings and instructions.
5. **Versatility:** Symbol readout boxes can be adapted for various languages and standards, making them suitable for global operations.

These advantages highlight why symbol readout boxes are a preferred choice in mission-critical applications.

How to Choose the Right Symbol Readout Box

Selecting the best symbol readout box for a given application requires careful consideration of several factors. The right choice ensures compatibility, longevity, and ease of use.

Environment and Durability

Consider the operating environment, including exposure to dust, moisture, temperature extremes, and mechanical impact. Opt for symbol readout boxes with rugged enclosures and protective features for harsh settings.

Display Quality and Size

Evaluate the resolution, brightness, and size of the display to ensure symbols are visible from required distances and under various lighting conditions.

Integration Capabilities

Check compatibility with existing systems, including communication protocols and connectivity options. Seamless integration reduces installation time and costs.

Customization and Flexibility

Look for programmable options or models that allow users to update symbol sets as operational needs evolve. This future-proofs the investment and accommodates changing requirements.

Cost and Support

Balance initial investment with long-term value. Consider warranties, technical support, and availability of replacement parts when making a decision.

Maintenance and Troubleshooting Tips

Proper maintenance extends the lifespan of a symbol readout box and ensures reliable operation. Implementing a routine care plan prevents unexpected downtime.

- Regularly clean the display surface and control interfaces.
- Check for firmware updates from the manufacturer to improve performance and security.
- Inspect connections and cables for wear or damage.
- Test all displayed symbols periodically to verify accuracy.
- Document and address any error codes or unusual behavior promptly.

Following these tips helps maintain optimal performance and reduces the risk of costly repairs or replacements.

Expert Insights on Symbol Readout Box Usage

Industry experts emphasize the importance of selecting symbol readout boxes that align with specific operational needs. They recommend involving end-users in the selection process to ensure interfaces are intuitive and effective. Additionally, experts advise regular training on symbol meanings and device operation, especially in environments with high turnover or multi-lingual teams. Finally, they stress the value of choosing solutions from reputable manufacturers with a track record of reliability and support, as this minimizes downtime and ensures compliance with industry standards.

Conclusion

Symbol readout boxes play a vital role in modern industrial, retail, logistics, and healthcare settings. By converting complex information into easily recognizable symbols, they facilitate faster decision-making, enhance safety, and support efficient operations. With various types, features, and applications, selecting the right symbol readout box is essential for achieving organizational goals. Routine maintenance and ongoing user education further ensure these devices deliver lasting value and performance.

Q: What is a symbol readout box?

A: A symbol readout box is a device or interface that displays graphical symbols or codes, translating complex data into easily understood visual information for users across various industries.

Q: Where are symbol readout boxes commonly used?

A: Symbol readout boxes are widely used in manufacturing, retail, logistics, healthcare, and other sectors where quick, clear communication of information is essential.

Q: What are the key features of a modern symbol readout box?

A: Key features include high-contrast displays, robust enclosures, user-friendly controls, connectivity options, customizable firmware, and integrated microcontrollers for accurate data interpretation.

Q: How do I choose the best symbol readout box for

my needs?

A: Consider factors like environmental durability, display quality, integration capabilities, customization options, cost, and manufacturer support to select the most suitable symbol readout box.

Q: What maintenance is required for symbol readout boxes?

A: Regular cleaning, firmware updates, cable inspections, periodic symbol testing, and prompt troubleshooting are recommended for maintaining optimal performance.

Q: Can symbol readout boxes be customized for specific industries?

A: Yes, many symbol readout boxes offer programmable options or customizable firmware that can be tailored to industry-specific symbol sets and operational requirements.

Q: What are the benefits of using a symbol readout box?

A: Benefits include enhanced clarity, faster response times, increased productivity, improved safety, and versatility for multi-lingual or global operations.

Q: Are symbol readout boxes suitable for harsh environments?

A: Many models are designed with rugged enclosures and protective features to withstand dust, moisture, temperature extremes, and mechanical impact, making them ideal for harsh environments.

Q: How do symbol readout boxes improve safety?

A: By providing immediate and clear warnings or instructions through universally recognized symbols, symbol readout boxes help prevent accidents and ensure safe operation.

Q: What types of symbol readout boxes are available?

A: There are digital, analog, programmable, and integrated symbol readout boxes, each suited to different operational environments and requirements.

Symbol Readout Box

Decoding the Mystery: Your Ultimate Guide to the Symbol Readout Box

Are you staring at a bewildering array of symbols on a control panel, feeling utterly lost? Do you need to understand what those cryptic characters mean to operate a piece of equipment, decipher a complex system, or simply satisfy your curiosity? Then you've come to the right place. This comprehensive guide dives deep into the world of the "symbol readout box," explaining what they are, how they work, and how to effectively interpret the information they display. We'll explore various types, applications, and even troubleshoot common issues, equipping you with the knowledge to confidently navigate any symbol-laden interface.

What is a Symbol Readout Box?

A symbol readout box, in its simplest form, is a device that displays information using symbols or icons rather than solely relying on alphanumeric characters. These symbols represent specific states, values, or operational parameters within a larger system. Think of it as a visual translator for complex machinery or processes. The complexity varies widely depending on the application. A simple example could be a washing machine's control panel displaying symbols for wash cycles, while a more advanced example might be an industrial control system showing the status of multiple interconnected processes through a series of interconnected symbols.

Types of Symbol Readout Boxes

Symbol readout boxes come in numerous forms, tailored to specific applications:

Industrial Control Panels: These often feature large, easily identifiable symbols indicating the status of machinery, alarms, and safety systems. Robustness and clarity are paramount here.

Medical Equipment: Medical devices utilize symbol readout boxes to convey crucial information

about patient vitals, equipment status, or alarm conditions concisely and clearly, even under pressure.

Automotive Dashboards: Modern vehicles incorporate symbol readout boxes to inform the driver about various vehicle functions, warning systems, and potential malfunctions.

Consumer Electronics: Many consumer electronics, from washing machines to microwaves, utilize simplified symbol readout boxes for user-friendly operation.

Understanding Symbol Conventions and Interpretations

The key to effectively using a symbol readout box lies in understanding the conventions used. Unfortunately, there isn't a universally standardized system. However, many symbols are broadly understood through intuition or standardized industry practices.

Common Symbol Categories and Their Meanings:

Status Indicators: These symbols commonly indicate "on/off," "active/inactive," or "normal/abnormal" states. Think of a simple green light for "on" and a red light for "off" or an alarm.

Warning Indicators: These symbols use cautionary colors (often yellow or red) and often depict shapes like triangles or exclamation marks to signal potential problems or hazards.

Measurement Indicators: Symbols like gauges, arrows, or numerical displays might show levels (temperature, pressure, fuel), speeds, or other quantitative data.

Operational Indicators: These symbols guide the user through processes, indicating steps or sequences in a workflow, common in industrial machinery or complex appliances.

Troubleshooting Your Symbol Readout Box

While symbol readout boxes aim for clarity, problems can occur:

Faulty Display: A malfunctioning display could lead to incorrect or missing symbols. Check connections and consider contacting a technician.

Unclear Symbolism: If symbols are ambiguous, refer to the device's manual or online documentation for a detailed explanation.

System Errors: If a symbol indicates an error, follow the device’s troubleshooting procedures or

contact support for assistance.

Beyond the Basics: Advanced Symbol Readout Systems

Some advanced systems go beyond simple indicators. These might incorporate:

Interactive Displays: Allowing users to interact with the displayed information using touchscreens or buttons.

Data Logging and Reporting: Recording data displayed on the readout box for later analysis and reporting.

Remote Monitoring: Allowing remote access to the system's status and data through the readout box's interface.

Conclusion

The symbol readout box, though seemingly simple, plays a crucial role in communicating complex information across a wide range of applications. Understanding the conventions and interpreting the symbols displayed are key to effectively using and troubleshooting these devices. By familiarizing yourself with the common symbols and their meanings, you can confidently navigate the world of visual data representation and unlock the information hidden within these seemingly cryptic displays.

FAQs

1. Are there any standardized symbol sets for readout boxes? While some industries attempt standardization, there isn't a universally accepted standard. Always consult the device's manual.

2. What should I do if a symbol on my readout box is unfamiliar? Refer to the user manual or online documentation for the specific device. If you can't find the information, contacting the manufacturer is recommended.

3. Can symbol readout boxes be customized? In some industrial or advanced applications, yes. Customization might involve programming the display to show specific symbols or parameters.

4. How reliable are symbol readout boxes? The reliability depends on the quality of the device and

its maintenance. Regular checks and proper maintenance are crucial for ensuring accuracy.

5. Are symbol readout boxes only used in complex machinery? No, they are used in various applications, from simple household appliances to sophisticated medical equipment and industrial control systems.

symbol readout box: NASA Technical Memorandum , 1990

symbol readout box: *Rationale and Description of a Coordinated Cockpit Display for Aircraft Flight Management* Daniel L. Baty, 1976

symbol readout box: Combat Crew , 1986

symbol readout box: *Evaluation of Decision Making Performance on Three Pictorial Navigation Displays* Marshall A. Narva, 1958 A group of pilots and a group of non-pilots solved two representative types of navigation problems using three map-type navigation displays representing different movement relationships between an aircraft symbol and a ground station symbol. The three displays were as follows: (A) aircraft movement display: aircraft symbol translates in x and y and rotates in theta (heading), station symbol (map) is fixed; (B) mixed movement display: aircraft symbol fixed in position but rotates in theta, station symbol (map) translates in x and y; (C) earth movement display: aircraft symbol is fixed, station symbol (map) translates in x and y and rotates in theta, to indicate change in position and heading. The displays were presented by a static projection technique, with the different movement relationships explained verbally to the subjects. The two types of problems differed in the passage of a command track line either through or not through the position of the aircraft. To solve each problem a directional decision and a heading decision had to be made. A number of measures reflecting the speed and accuracy of these decisions were obtained. For the non-pilots, there were no significant differences in performance attributable to the different movement relationships. For the pilots, a significant interaction between the displays and the problem types was obtained for two of the measures. For the type of problem in which the command track line did not pass through the aircraft position, the direction to turn decision was made significantly more rapidly with either the aircraft movement display or the mixed movement display than with the earth movement display. For the same type of problem, significantly fewer reversals were made on those problems with other than a south heading with the aircraft movement display than with the earth movement display. As no significant difference in performance occurred between the aircraft movement and the mixed movement displays, it is suggested that the mixed movement type of display be subjected to further study, as this type of display has several operational advantages.--Abstract

symbol readout box: Field and Laboratory Studies of Warning Symbol Sign Legibility Distance Frances A. Greene, 1995 Using a group of old and young drivers, six symbol signs were investigated in both laboratory and field settings. With six trials per sign, legibility distances, defined as the distance at which the sign is correctly identified from a menu, were collected. Two major findings emerged: first is the successful development of a new laboratory simulation technique for the investigation of legibility distances. Correlations coefficients between laboratory and field legibility distances were computed and appear very promising. Large within subject variability was discovered in both age groups' data of legibility distances, both in the laboratory and field trials. This variability led to alternative ways of defining the dependent variable equivalent to designs of past studies examining legibility distances of the same signs.

symbol readout box: Aircraft Accident Report , 197?

symbol readout box: *Aircraft Accident Report* United States. National Transportation Safety Board, 2006 On March 23, 2004, about 1918:34 central standard time, an Era Aviation Sikorsky S-76A++ helicopter, N579EH, crashed into the Gulf of Mexico about 70 nautical miles south-southeast of Scholes International Airport (GLS), Galveston, Texas. The helicopter was transporting eight oil service personnel to the Transocean, Inc., drilling ship Discoverer Spirit, which

was en route to a location about 180 miles south-southeast of GLS. The captain, copilot, and eight passengers aboard the helicopter were killed, and the helicopter was destroyed by impact forces. The flight was operating under the provisions of 14 Code of Federal Regulations Part 135 on a visual flight rules flight plan. Night visual meteorological conditions prevailed at the time of the accident. The National Transportation Safety Board determines that the probable cause of this accident was the flight crew's failure to identify and arrest the helicopter's descent for undetermined reasons, which resulted in controlled flight into terrain. The safety issues discussed in this report focus on terrain awareness and warning systems for helicopters, flight control system training, flight-tracking technology for low-flying aircraft in the Gulf of Mexico, and preflight testing and maintenance checks for cockpit voice recorders. Safety recommendations concerning these issues are addressed to the Federal Aviation Administration.

symbol readout box: Advanced Transport Operating System (ATOPS) Color Displays Software Description Microprocessor System , 1992

symbol readout box: *Unwavering* Taylor Baldwin Kiland, Judy Silverstein Gray, 2023-05-02 The true story of the women who waged an epic home front battle to ensure our nation leaves no man behind. When some of America’s military men are captured or go missing during the Vietnam War, a small group of military wives become their champions. Never had families taken on diplomatic roles during wartime, nor had the fate of our POWs and missing men been a nationwide concern. In cinematic detail, authors Taylor Baldwin Kiland and Judy Silverstein Gray plunge you directly into the political maneuvering the women navigated, onto the international stage they shared with world leaders, and through the landmark legacy they created.

symbol readout box: AIR CRASH INVESTIGATIONS, WHY DID IT HAPPEN? The Crash of Sikorsky S-76A Helicopter G-BJVX Hank Williamson, editor, 2012-08-01 On March 23, 2004, about 1918:34 central standard time, an Era Aviation Sikorsky S-76A helicopter, N579EH, crashed into the Gulf of Mexico about 70 nautical miles south-southeast of Scholes International Airport (GLS), Galveston, Texas. The helicopter was en route to the drilling ship Discoverer Spirit. The captain, copilot, and eight passengers aboard the helicopter were killed, and the helicopter was destroyed by impact forces. The flight was operating under the provisions of 14 Code of Federal Regulations Part 135 on a visual flight rules flight plan. Night visual meteorological conditions prevailed at the time of the accident. The National Transportation Safety Board determines that the probable cause of this accident was the flight crew's failure to identify and arrest the helicopter's descent for undetermined reasons, which resulted in controlled flight into terrain.

symbol readout box: *Operator and Organizational Maintenance Manual* , 1979

symbol readout box: A Collection of Papers , 1981

symbol readout box: Cockpit Displays , 2001

symbol readout box: United States Army Aviation Digest , 1988

symbol readout box: Official Gazette of the United States Patent Office United States. Patent Office, 1968

symbol readout box: Crew Systems and Flight Station Concepts for a 1995 Transport Aircraft , 1983

symbol readout box: NBS Special Publication , 1968

symbol readout box: Learning Autodesk Inventor 2016 Randy Shih, 2015-06 This book will teach you everything you need to know to start using Autodesk Inventor 2016 with easy to understand, step-by-step tutorials. This book features a simple robot design used as a project throughout the book. You will learn to model parts, create assemblies, run simulations and even create animations of your robot design. An unassembled version of the same robot used throughout the book can be bundled with the book. No previous experience with Computer Aided Design(CAD) is needed since this book starts at an introductory level. The author begins by getting you familiar with the Inventor interface and its basic tools. You will start by learning to model simple robot parts and before long you will graduate to creating more complex parts and multi-view drawings. Along the way you will learn the fundamentals of parametric modeling through the use of geometric

constraints and relationships. You will also become familiar with many of Inventor's powerful tools and commands that enable you to easily construct complex features in your models. Also included is coverage of gears, gear trains and spur gear creation using Autodesk Inventor. This book continues by examining the different mechanisms commonly used in walking robots. You will learn the basic types of planar four-bar linkages commonly used in mechanical designs and how to use the GeoGebra Dynamic Geometry software to simulate and analyze 2D linkages. Using the knowledge you gained about linkages and mechanism, you will learn how to modify your robot and change its behavior by modifying or creating new parts. In the final chapter of this book you learn how to combine all the robot parts into assemblies and then run motion analysis. You will finish off your project by creating 3D animations of your robot in action. There are many books that show you how to perform individual tasks with Autodesk Inventor, but this book takes you through an entire project and shows you the complete engineering process. By the end of this book you will have modeled and assembled nearly all the parts that make up the TAMIYA® Mechanical Tiger and can start building your own robot.

symbol readout box: *Federation Coup* Simon Sayz, With the help of the Elysium Underground Network, Citizen launches a successful raid on a Federation prison transport and frees Julian. He is weak, injured, and in bad condition from torture, and brain scans complements of the Federation. As Bless heals, Citizen’s advanced beta emotion chip starts bugging out. Bless employs his hacking skills and “fixes” the chip with an extremely rare nano-tech micro power source. It no longer has any bugs but the chip fuses with part of the Limbic System of her brain stem, enabling her to experience emotions and understand them at a whole new level. Commander Karr attempts to capture Bless once again, but his plan falls short. He’s closer to launching Operation Salvus by having his trio of Advanced Syth-Ls ready. However, the doctors and technicians warn him they’re not ready, but he pushed the Syth-L’s through anyway in a crazed effort to kill Citizen and Bless. Commander Karr closes in during a planned Elysium attach to cripple the Federation, trapping Bless in the Vault. Citizen knows what’s at stake and mounts a rescue, which takes her off the original mission script against the wishes of Clark and Bless. The clock is ticking, and Citizen’s running out of time. She’s nothing without Bless and can’t let him die. So, she does the unthinkable, sacrifices her only connection to her humanity—the emotion chip—an irreversible act of love, compassion, and loyalty.

symbol readout box: Acronyms, Initialisms & Abbreviations Dictionary , 2001-05 Each volume separately titled: v. 1, Acronyms, initialisms & abbreviations dictionary; v. 2, New acronyms, initialisms & abbreviations (formerly issued independently as New acronyms and initialisms); v. 3, Reverse acronyms, initialisms & abbreviations dictionary (formerly issued independently as Reverse acronyms and initialisms dictionary).

symbol readout box: *Electronic Design* , 1970

symbol readout box: *Computer Basics: Analog computer fundamentals* United States. Bureau of Naval Personnel, 1964

symbol readout box: Thomas Register of American Manufacturers and Thomas Register Catalog File , 1995 Vols. for 1970-71 includes manufacturers catalogs.

symbol readout box: *Learning Autodesk Inventor 2015* Randy Shih, 2014-06-19 This book will teach you everything you need to know to start using Autodesk Inventor 2015 with easy to understand, step-by-step tutorials. This book features a simple robot design used as a project throughout the book. You will learn to model parts, create assemblies, run simulations and even create animations of your robot design. An unassembled version of the same robot used throughout the book can be bundled with the book. No previous experience with Computer Aided Drafting (CAD) is needed since this book starts at an introductory level. The author begins by getting you familiar with the Inventor interface and its basic tools. You will start by learning to model simple robot parts and before long you will graduate to creating more complex parts and multi-view drawings. Along the way you will learn the fundamentals of parametric modeling through the use of geometric constraints and relationships. You will also become familiar with many of Inventor's powerful tools and commands that enable you to easily construct complex features in your models.

Also included is coverage of gears, gear trains and spur gear creation using Autodesk Inventor. This book continues by examining the different mechanisms commonly used in walking robots. You will learn the basic types of planar four-bar linkages commonly used in mechanical designs and how to use the GeoGebra Dynamic Geometry software to simulate and analyze 2D linkages. Using the knowledge you gained about linkages and mechanism, you will learn how to modify your robot and change its behavior by modifying or creating new parts. In the final chapter of this book you learn how to combine all the robot parts into assemblies and then run motion analysis. You will finish off your project by creating 3D animations of your robot in action. There are many books that show you how to perform individual tasks with Autodesk Inventor, but this book takes you through an entire project and shows you the complete engineering process. By the end of this book you will have modeled and assembled nearly all the parts that make up the TAMIYA® Mechanical Tiger and can start building your own robot.

symbol readout box: Proceedings of the IEEE 1977 National Aerospace and Electronics Conference, NAECON '77, Held at the Dayton Convention Center, May 17-19, 1977 , 1977

symbol readout box: Reverse Acronyms, Initialisms, & Abbreviations Dictionary , 2009

symbol readout box: News in Engineering , 1983

symbol readout box: Fire Control Technician M 3 & 2 United States. Naval Education and Training Command, 1978

symbol readout box: Modern Photography , 1988

symbol readout box: 73 Amateur Radio's Technical Journal , 1973

symbol readout box: An Advanced Cockpit Instrumentation System D. L. Baty, M. L. Watkins, 1979

symbol readout box: Electronic Composition in Printing Richard W. Lee, Roy W. Worral, 1968 A Symposium on Electronic Composition in Printing was held at the Gaithersburg Laboratories of the National Bureau of Standards.The symposium was a state-of-the-art review of a rapidly advancing field of computer application with great potentialities for increased efficiency and savings in the Federal Government.(Author).

symbol readout box: Electronics , 1969 June issues, 1941-44 and Nov. issue, 1945, include a buyers' guide section.

symbol readout box: Official Gazette of the United States Patent and Trademark Office , 1991

symbol readout box: Control Engineering , 1963 Instrumentation and automatic control systems.

symbol readout box: Electronic Industries , 1964

symbol readout box: *EE Systems Engineering Today* , 1964

symbol readout box: Instruments & Control Systems , 1967-07

symbol readout box: EEE , 1964

symbol readout box: Information Display , 1964